

INVENTORY RISK MANAGEMENT

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AGENDA:

- I. What Is Inventory Management
- II. Why Inventory Management
- III. What are the Risk in Inventory
- IV. Basic Inventory Planning and Control Functions
- V. Classification of Materials
- VI. Inventory Costing
- VII. Inventory Systems
- VIII. Common Inventory Problems
- IX. Solution and Recommendations



What is Inventory Management?



• Inventory Management

- The process of determining the optimal quantity and timing of inventory for the purpose of aligning it with sales and production capacity.
- Inventory Management has a direct impact a company's cash flow and profit margins especially for smaller businesses that rely upon a quick turnover of goods or materials.

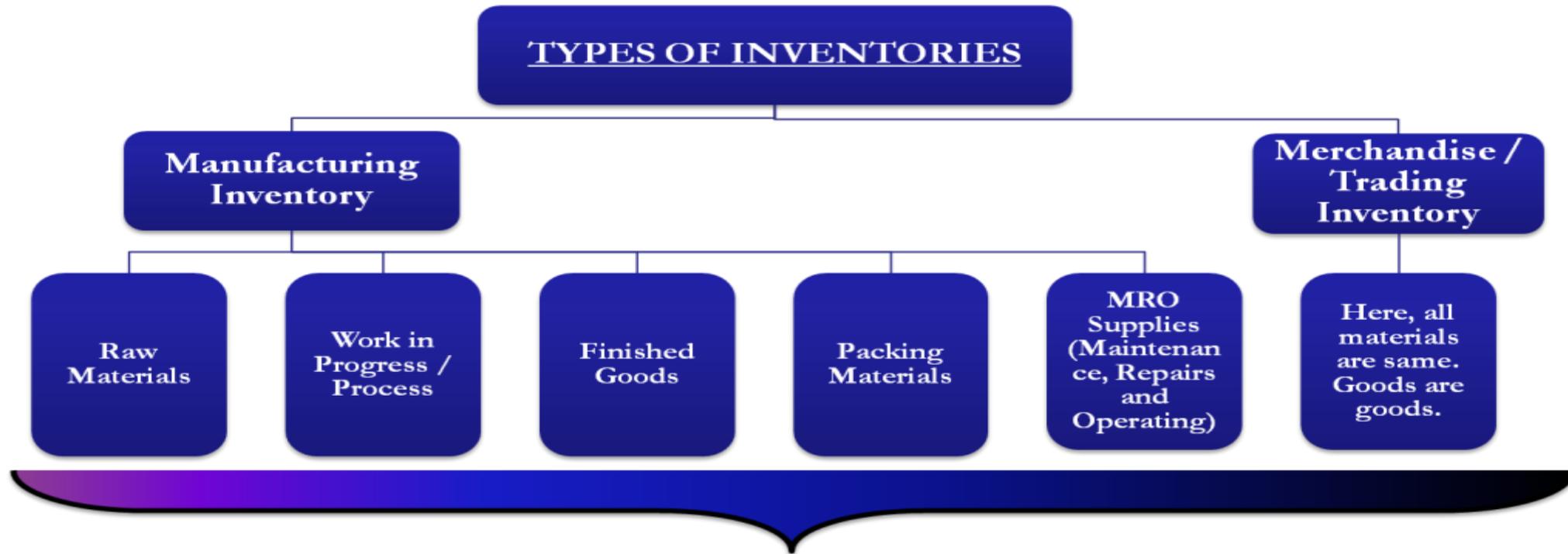
• Why Inventory Management?

- ✓ Customer Satisfaction
- ✓ Forecasting
- ✓ Controlling Cost
- ✓ Optimal Storage

Elements of Inventory Management

- **Types of Inventories**
 - Raw materials
 - Purchased parts and supplies
 - Finished Goods
 - Work-in-process (partially completed products)
 - Items being transported
 - Tools and equipment
 - Goods-in-transit to warehouses or customers
 - Scraps

Elements of Inventory Management



- **What are the risks in Inventory?**

- **Theft/Inventory Loss**

- **Inventory Waste**

- **Damage**

- **Shelf Life**

- **Life Cycle**

Basic Inventory Management Functions

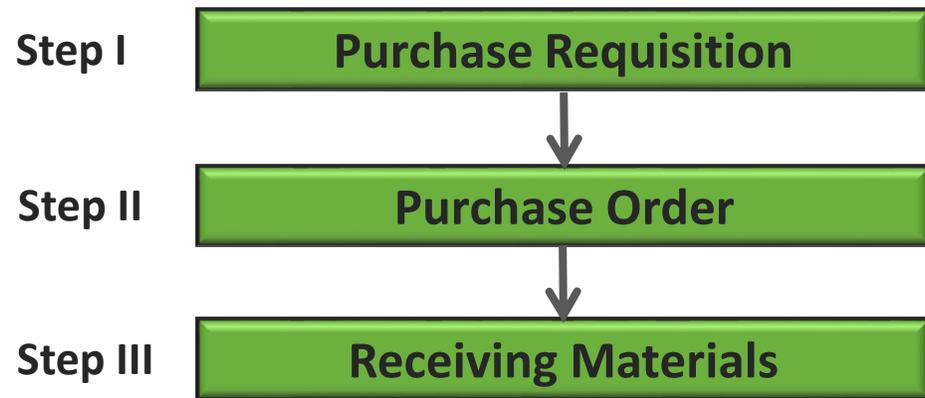
- Recording
- Report
- Monitoring

Basic Inventory Management Functions

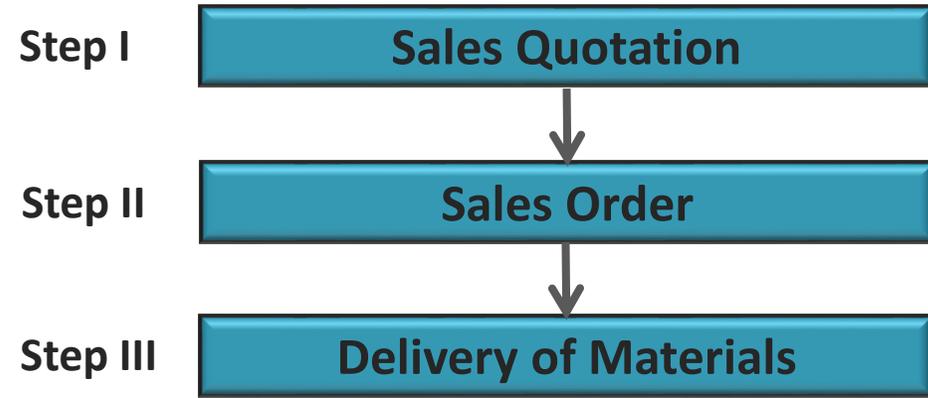
- **Recording**
- **Reporting**
- **Monitoring**

Basic Inventory Management Functions

➤ Recording



Purchasing and Receiving Process



Sales and Delivery Process

Basic Inventory Management Functions

- Recording
- Reporting
- Monitoring

Basic Inventory Management Functions

➤ Reports

- Receiving Report Summary
- Inventory Audit
- Inventory Status
- Delivery Summary
- Pull-out Summary

Basic Inventory Management Functions

➤ Reports

DELIVERY SUMMARY REPORT

ASSAL Corporation
Walnut Creek, CA

05/2112000 to 05/21/2000
Printed 15:04 06/0612000

Zone	Avg. Time (Min)	Deliveries	Sales
PINK	15.67	3	\$34.97
GREE	11.96	33	\$616.63
YELL	13.00	1	\$8.98
RED	9.00	1	\$17.98
BLUE	14.25	8	\$152.16
PURP	9.00	3	\$56.96

Date 11-Nov-2005
Time 6:42:10 PM

Receipt Summary Report

User ID	dc1mgr	Warehouse ID	DC1
User Name	DC1 Manager	Warehouse Name	RF Based DC(DC1
Document Type	Purchase Order	Order No	
Enterprise	E1	Seller	
Receipt Date	From 10/16/2005 To 10/18/2005	Buyer	
Shipment No		Carrier	

E1

Shipment No.	Receipt Date	Receipt No.	Order No.	Carrier/Service	Seller	Buyer
VINS-003	Oct 18, 2005	VINR-003	VIN-0003	FEDX Priority Overnight	VENDOR1	BUYER1
VINS-002	Oct 17, 2005	VINR-002	VIN-0002	USPS Priority	VENDOR1	BUYER1
VINS-001	Oct 17, 2005	VINR-001	VIN-0001		VENDOR1	BUYER1
DSS-004	Oct 17, 2005	DRS-004	DS-0004		VENDOR1	BUYER1
DSS-003	Oct 17, 2005	DSR-003	DS-0003	UPSN 2nd Day Air	VENDOR1	BUYER1
DSS-002	Oct 17, 2005	DSR-002	DS-0002	UPSN Ground	VENDOR1	BUYER1
DSS-001	Oct 17, 2005	DSR-001	DS-0001	UPSN Next Day Air	VENDOR1	BUYER1
DOSTS-003	Oct 18,	DOSTR-	DOST-0003	UPSN Next Day Air	VENDOR1	BUYER1

Basic Inventory Management Functions

➤ Reports

6:39 PM

12/15/15

Manufacturing Sample File Inventory Stock Status by Item

December 1 - 15, 2015

	◆ <u>Pref Vendor</u>	◆ <u>Reorder Pt</u>	◆ <u>On Hand</u>	◆ <u>On Sales Order</u>	◆ <u>For Assemblies</u>	◆ <u>Available</u>	◆ <u>Order</u>	◆ <u>On PO</u>	◆ <u>Next Deliv</u>	◆ <u>Sales/Week</u>
Inventory										
AH-12x1	Fran's Fast...	100	773	6	500	267		0		0
AHAD	Caylor's Ha...	50	1	5	12	-16	✓	0		0
AHBA-BL	Philip Pump ...	100	-167	6	44	-217	✓	0		0
AHPI-BL	Anderson's...	100	16	25	44	-53	✓	5	11/30/2015	0
AHSP	Anderson's...	100	500	0	600	-100		100	01/11/2016	0
BO-1/2x4-J	Fran's Fast...	50	18	0	7	11	✓	0		0
CEPE	Price Pedes...	100	-7	0	0	-7	✓	0		0
CODR	Anderson's...	10	4	1	0	3	✓	2	01/11/2016	0

Basic Inventory Management Functions

➤ Reports

Inventory Audit Report

Date From: 01/01/2013 Date To: 12/31/2013 Accounts: Multiple
Currency: US Dollar

#	G/L Account	System Date	Posting Date	Document	Item No.	Item Description	Whse	Qty	Cost	Trans. ...
1	13400000-01-									
2	Opening Bal									
3		04/24/2013	04/24/2013	IN 225	I00007	HP Printer 95 Inkjel	01	-5.000	19.56	-97.0
4		04/24/2013	04/24/2013	IN 225	I00008	HP Vivera Ink 6-Pa	01	-6.000	27.16	-162.0
5		04/24/2013	04/24/2013	IN 225	I00009	Canon PowerShot	01	-8.000	108.11	-864.0
6		04/24/2013	04/24/2013	IN 226	I00001	DVD+R Disc 10-Pac	01	-9.000	2.15	-19.0
7		04/24/2013	04/24/2013	IN 226	I00002	DVD+R Disc 50-Pac	01	-7.000	8.67	-60.0
8		04/24/2013	04/24/2013	IN 226	I00003	USB Flashdrive 4GE	01	-10.000	14.81	-148.0
9		04/24/2013	04/24/2013	IN 227	C00006	Network Card10/10	01	-5.000	10.46	-52.0
10		04/24/2013	04/24/2013	IN 227	C00007	Hard Disk Seagate	01	-5.000	361.05	-1,805.0

OK Expand Collapse

Basic Inventory Management Functions

- Recording
- Reporting
- **Monitoring**

Classification of Materials

Establishing the identity of your items.

A.) Grouping

- Use
- Nature
- Value

B.) Coding

- Barcode
- Item Code
- Business Partner Coding

C.) Location

- Warehouse
- Bin Location

D.) Picture

Classification of Materials

Item Master Data

Item No.	Manual	ITM00001
Description	Laptop Sonic Master	
Foreign Name		
Item Type	Items	
Item Group	Merchandise	
UoM Group	Set	
Price List	Distributor Price	
Bar Code		Set
Unit Price	Primary Currer	Set

Inventory Item
 Sales Item
 Purchase Item

General | Purchasing Data | Sales Data | **Inventory Data** | Planning Data | Production Data | Properties | Remarks | Attachments

Withholding Tax Liable

Do Not Apply Discount Groups

Brand: Asus

Additional Identifier:

Shipping Type: ATR 21

Serial and Batch Numbers

Manage Item by: **Serial Numbers**

Active From: To: Remarks:

Inactive

Advanced

Inventory Costing

A.) Valuation Method

B.) Inventory Cost

Inventory Costing

A.) **Valuation Method**

B.) **Inventory Cost**

Inventory Costing

A.) Valuation Method

- FIFO
- Moving Average
- Standard
- Specific Identification by Serial/Batch

Inventory Costing

A.) Valuation Method

B.) **Inventory Cost**

Inventory Costing and I.M Terms

B.) Inventory Cost

- **Holding Cost** - *cost to carry an item in inventory for a length of time, usually a year*
- **Ordering Cost** - *costs of ordering and receiving inventory*
- **Shortage Cost** - *when demand exceeds supply*

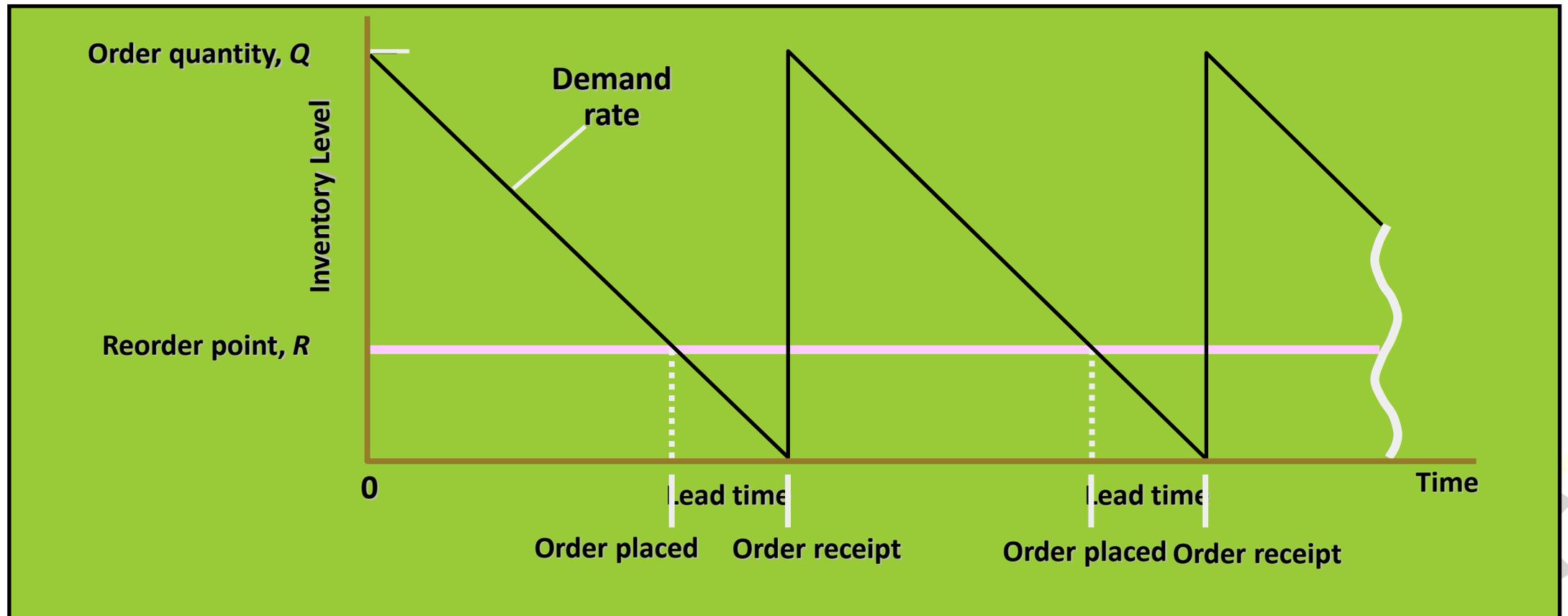
- **EOQ** - *The economic order quantity, commonly referred to as EOQ, seeks to find a balance between holding too much or too little inventory.*

Basic EOQ model

- ✓ Demand is known, constant, and independent
- ✓ Lead time is known and constant
- ✓ Order quantity received is instantaneous and complete
- ✓ No shortage is allowed

➤ EOQ

■ Inventory Order Cycle



Major Inventory Systems

A.) Fixed Order Quantity System

B.) Periodic Review

Major Inventory Systems

A.) **Fixed Order Quantity System**

B.) **Periodic Review**

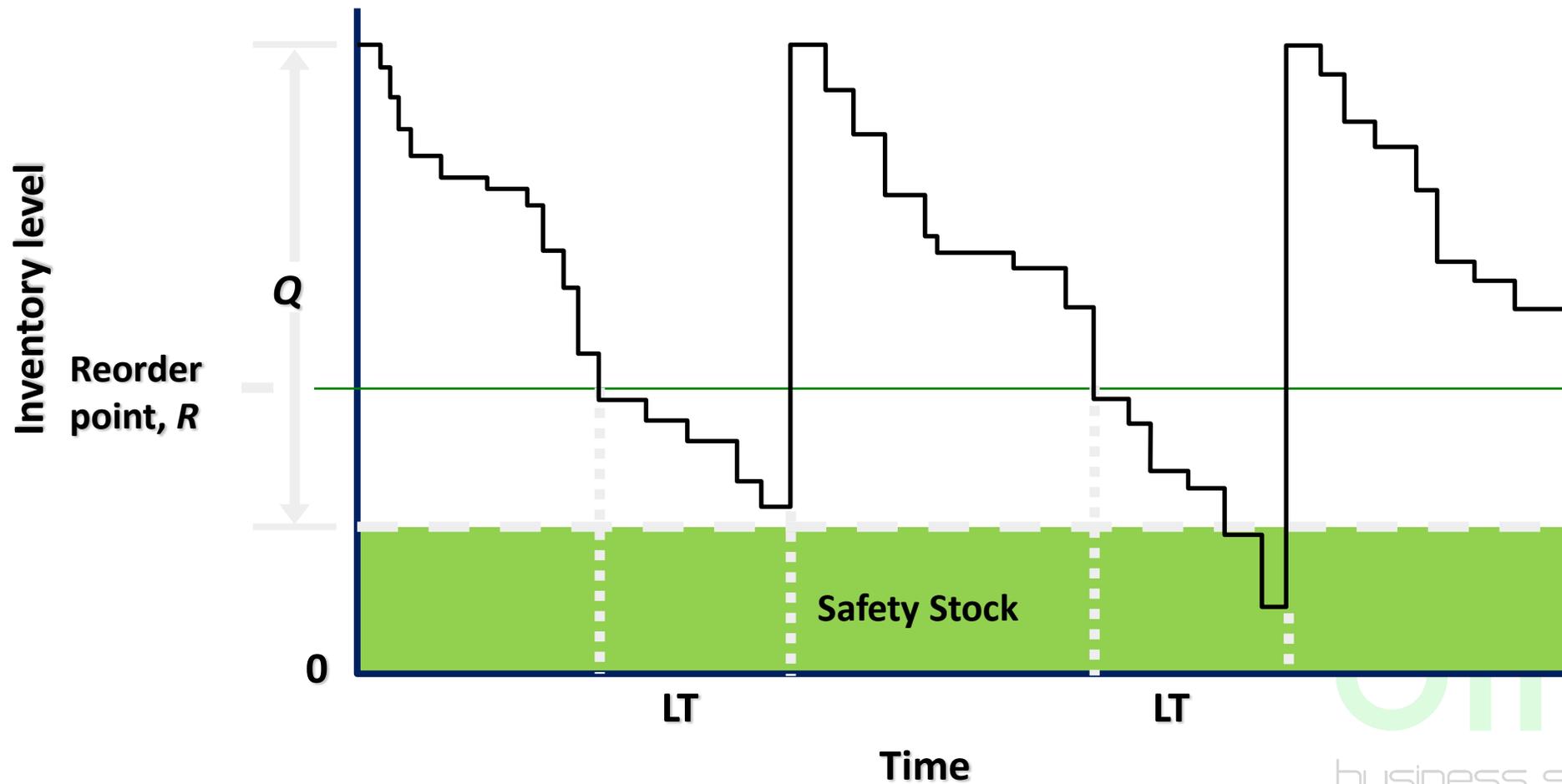
Major Inventory System

A.) Fixed Order Quantity System

Safety Stock/Last Bag System

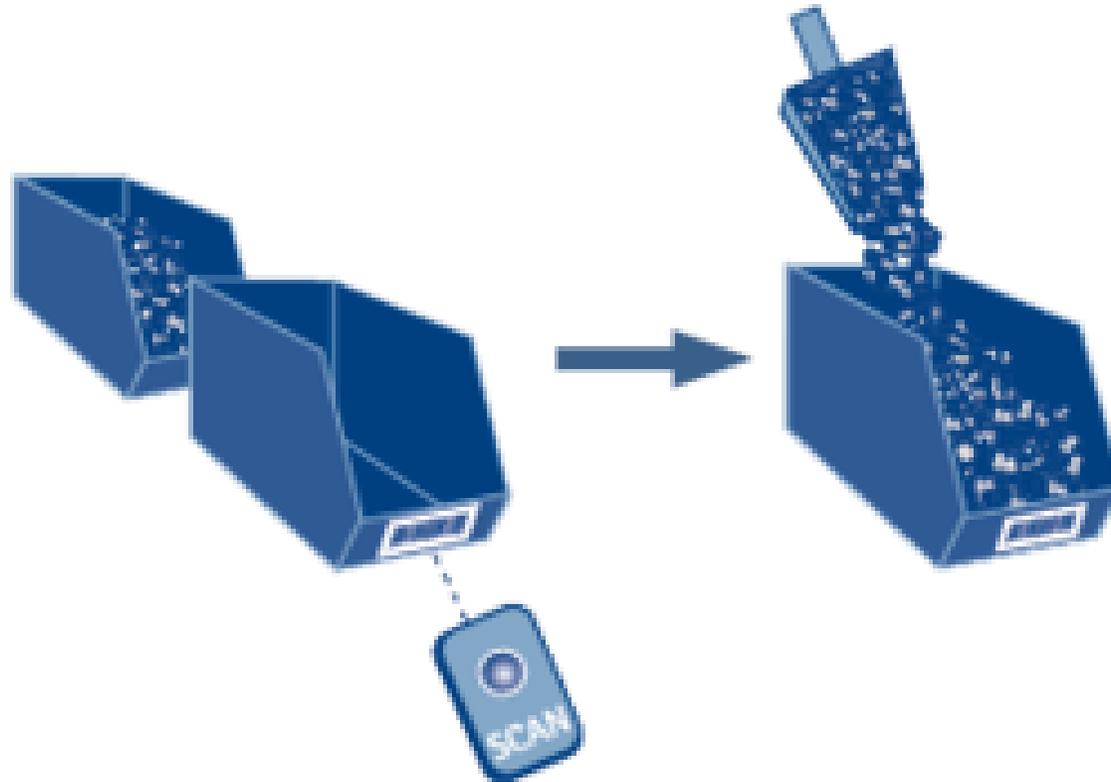
- Safety stock refers to an additional amount of stock carried over the normal stocking level requirements as a buffer against uncertainty.

Major Inventory System

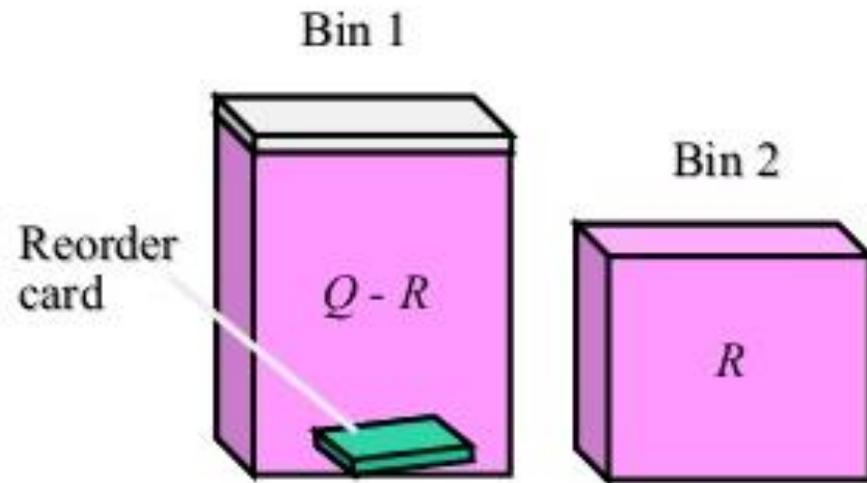


- **Two-Bin System** - *Two containers of inventory; reorder when the first is empty*

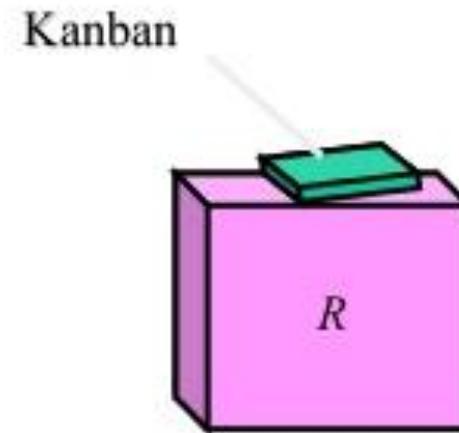
*The **two-bin** inventory control method is mainly used for small or low value items.*



a) Two-bin inventory system



b) Kanban inventory system



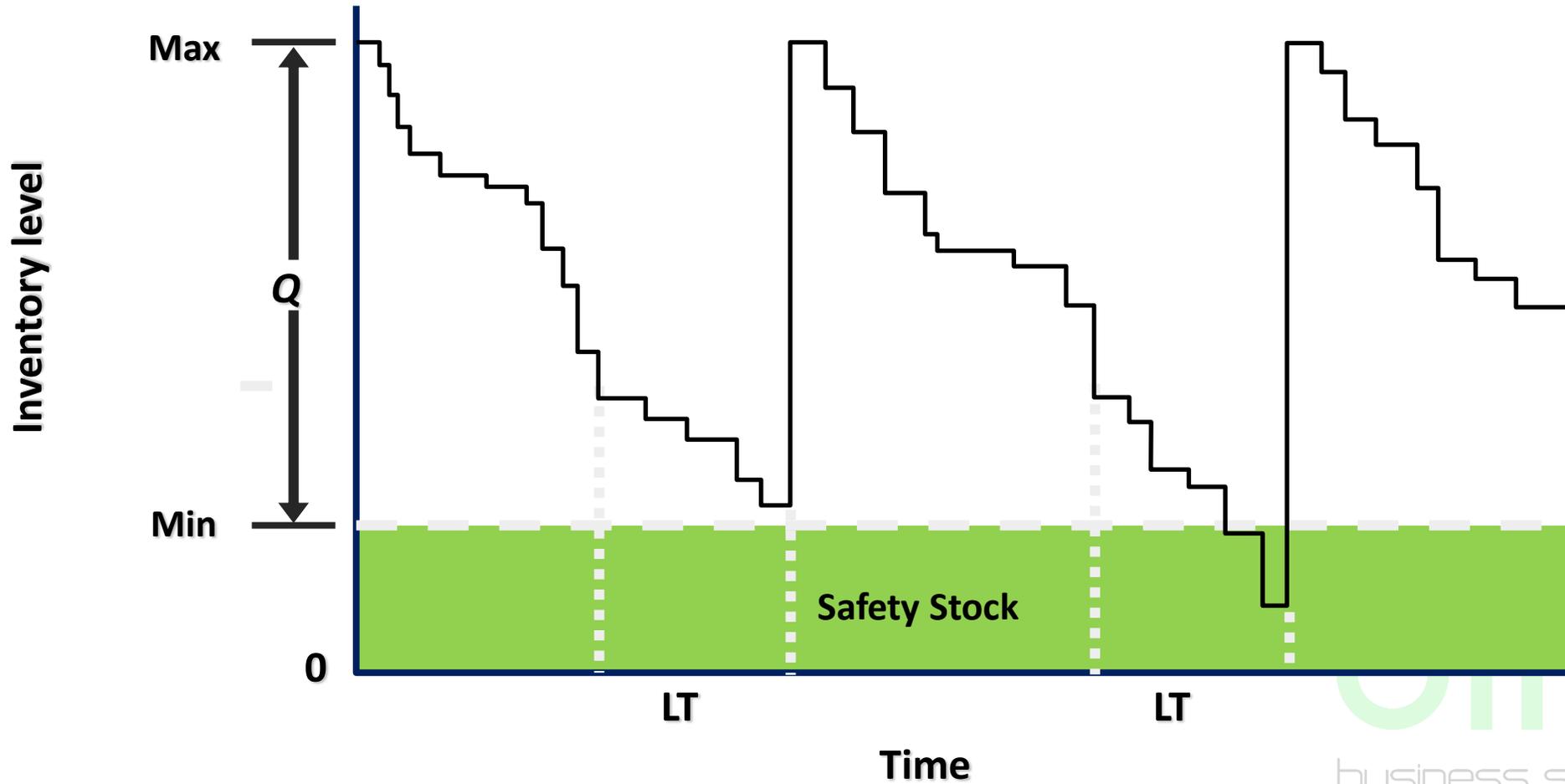
Q = order quantity

R = reorder point - demand during lead time

- **Min-Max inventory**

- *The Min-Max inventory control method helps you define how much inventory you should maintain for specific items.*

- **Min-Max inventory**



Inventory System

A.) Fixed Order Quantity System

B.) **Periodic Review**

Inventory System

B.) Periodic Review

- J.I.T (Just In Time)
- Periodic System
- ABC Classification

➤ JIT

- The Just In Time (JIT) method works to lessen the volume of inventory that a business has on hand. It is considered a risky technique because you only purchase inventory a few days before it is needed for distribution or sale so that the items arrive just in time for use.

"JIT helps organisations save on inventory holding costs by keeping stock levels low, and eliminates situations where deadstock sit on shelves for months on end. You need to conduct thorough research into customer buying habits, seasonal demand, and source for reliable suppliers and channels of transportation before implementing JIT into your business operations to minimize risks and screw ups."

- Trade Gecko

➤ Periodic system (fixed-time-period)

- It is an inventory control method where orders are periodically placed, but the order quantity is different every time, and is also called Fixed Period Deficit Ordering System.

➤ ABC Classification (Pareto Principle)

- Classification model Known as **Always Better Control (ABC)** based upon Pareto rule (80/20 rule)

➤ ABC Classification (Pareto Principle)

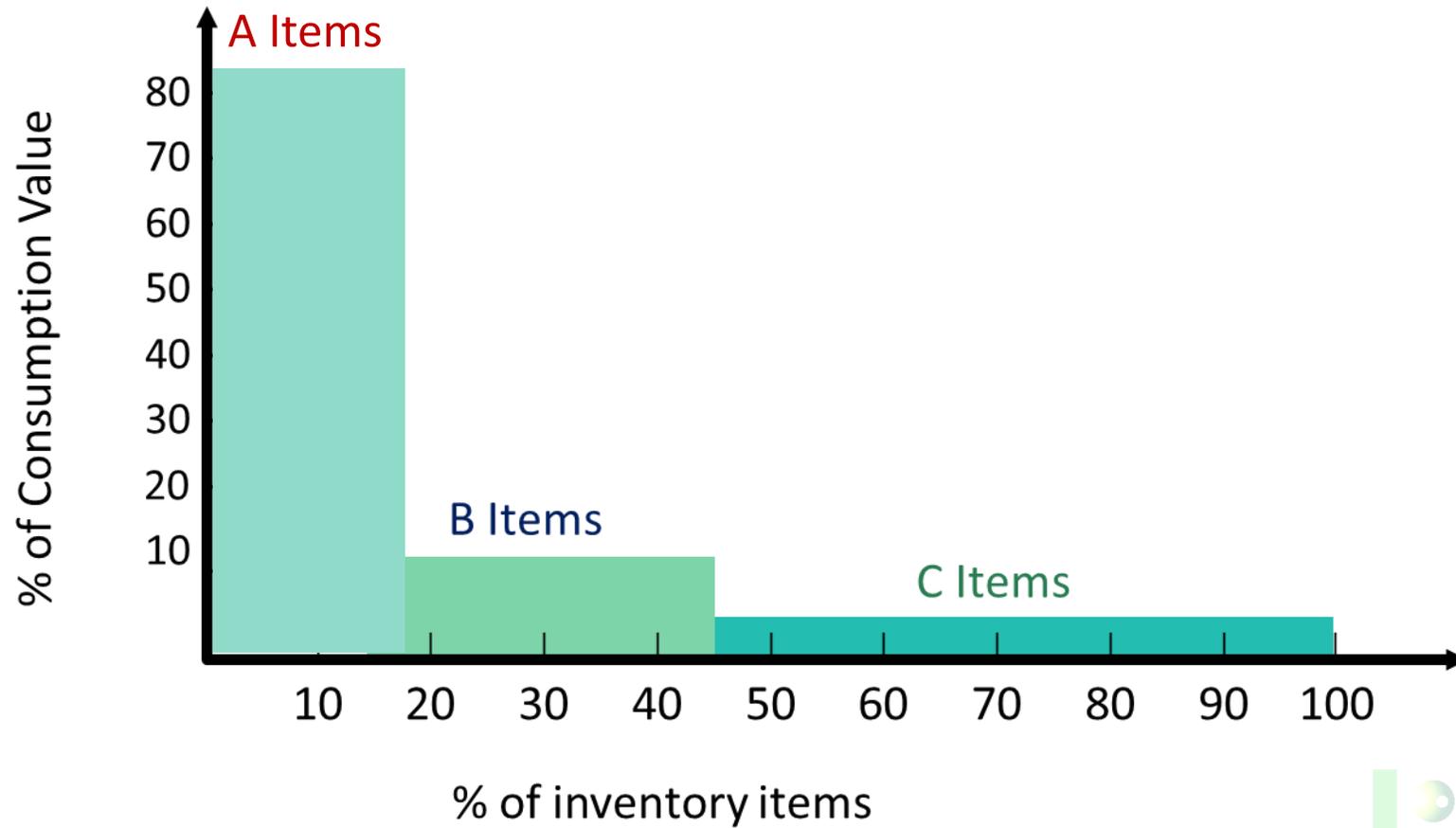
ABC ANALYSIS

Divides inventory into three classes based on Consumption Value

Consumption Value = (Unit price of an item) (No. of units consumed per annum)

- Class A - High Consumption Value
- Class B - Medium Consumption Value
- Class C - Low Consumption Value

➤ ABC Classification (Pareto Principle)



Conclusion

Inventory control methods vary from company to company, commodity to commodity and SKU to SKU. The inventory control method that **works best for slow-moving items** might not work as well for fast-moving items. A company might have 1 million different SKUs and use only five different inventory control methods. **One thing to remember there is no perfect method to manage inventory.**

– Kenneth Hamlett, *Methods for Inventory Control*, Twitter: [@HoustonChron](https://twitter.com/HoustonChron)



MRP-Materials Requirements Planning

Material requirements planning (**MRP**) is a production planning, scheduling, and inventory control system used to manage manufacturing processes. Most **MRP** systems are software-based, while it is possible to conduct **MRP** by hand as well.

MRP-Materials Requirements Planning

An MRP system is intended to simultaneously meet three objectives:

- Ensure materials are available for production and products are available for delivery to customers.
- Maintain the lowest possible material and product levels in store
- Plan manufacturing activities, delivery schedules and purchasing activities.

5 Simple Best Practices for Great Inventory Management

Look for key features to evaluate systems that allow you to manage your company's inventory digitally.

- **Web-based**
- **Mobile Inventory**
- **Barcode integration**
- **Unit of Measurement Conversion**
- **Data Import**
- **Batch Processes**
- **Cycle / Physical Counts**
- **Alerts and Notifications**



Inventory control system should contain several key elements

“Every parts operation needs an inventory control system of some sort, which should incorporate the following key elements:

- It must warn parts personnel far in advance that a part is being depleted from stock.
- It must list a part’s historical purchase price so that if the price changes, the manager will be able look into the issue and ascertain whether this change is a price increase or due to incorrect billing.
- It should list vendors that offer the best prices.
- It should give past usage rates so that the manager can determine proper inventory levels.
- It should require as little writing as possible, particularly by mechanics.”

John Dolce, *15 Tips for Improving Your Inventory Control,*

Twitter: [@UtilityFleetPro](https://twitter.com/UtilityFleetPro)

business solutions inc.

Solutions & Recommendations



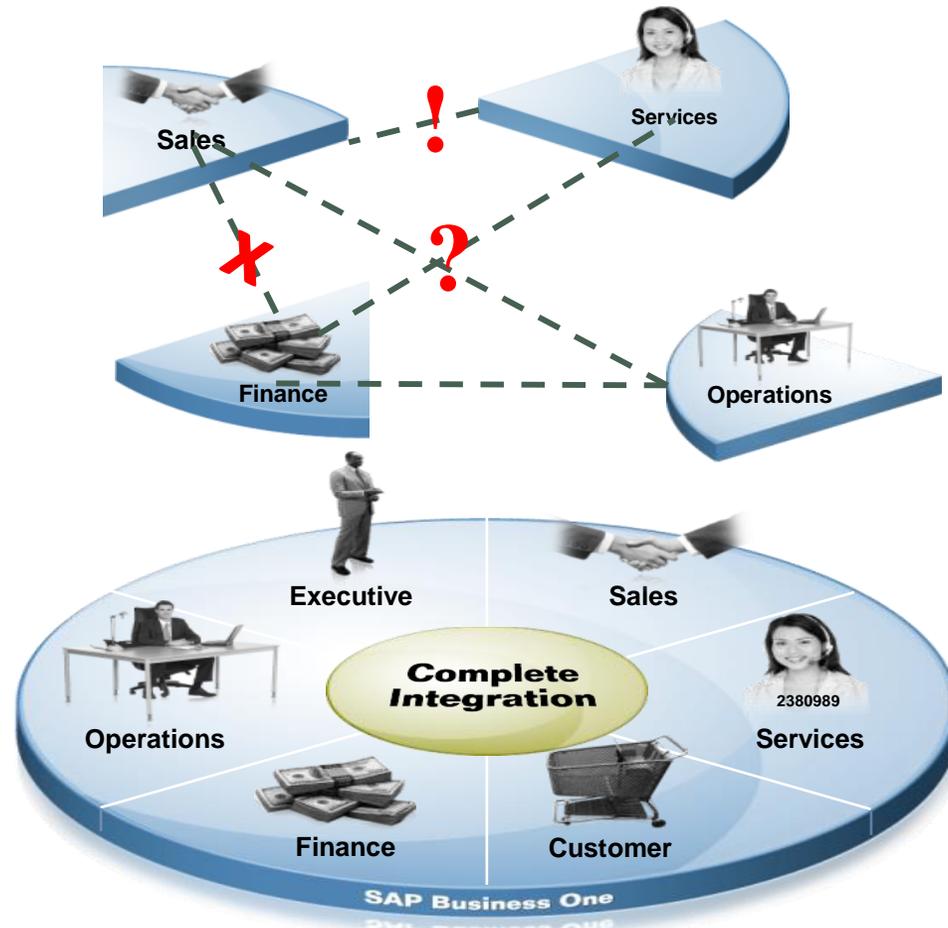
SAP Business One

SAP
Business One



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business solutions inc.

The Solution: SAP Business One®



A Single Integrated Solution

- A single system to streamline the entire business
- Instant and complete business information
- Strengthen customer relationship and loyalty
- Adaptable to your business and industry needs

A Single System to Streamline Your Entire Business



■ Integrate All Critical Business Functions

Manage your entire business end-to-end across sales, customers, purchasing, inventory, operations, financials and HR functions, all in a single system

■ Eliminate Duplicates & Redundancies

Information captured is instantly accessible in the entire system, eliminating redundant data entries and errors in different systems

■ Proactively Focus on What's Important

Workflow-based alerts to monitor, notify and trigger auto-responses when important business events occur



Welcome, manager. You are in the Home cockpit of DBSI DEMO, Branch: Test Database.

My Cockpit

- Administration
- Financials
- Opportunities

Modules

- Sales - A/R
- Purchasing - A/P
- Business Partners

Drag & Relate

- Banking
- Inventory
- Resources
- Production
- MRP
- Service
- Human Resources
- Project Management
- Reports

Why manage your inventory?

- Customer Satisfaction
- Forecasting
- Controlling Cost
- Optimal Storage

How do we manage our Inventory?

- Establish the identity of your Items
- Identify Inventory Risks
- Facilitate basic inventory functions
- Implement mitigating controls

What are the risks in Inventory?

- Theft/Inventory Loss
- Inventory Waste
- Damage
- Shelf Life
- Life Cycle
- Other common problems

The Solution:

The logo for SAP Business One. The word "SAP" is in a large, bold, grey sans-serif font. To its right, the word "Business" is in a smaller, grey sans-serif font. Below "Business", the word "One" is written in a large, bold, orange sans-serif font.

SAP Business
One

Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Mangement & Inventory Count /Invntory Posting List



Setting Serial and Batch Numbers

Item Master Data

Item No. Manual ITM00001

Description Laptop Sonic Master

Foreign Name

Item Type Items

Item Group Merchandise

UoM Group Set

Price List Distributor Price

Bar Code Set

Unit Price Primary Curren Set

Inventory Item

Sales Item

Purchase Item

General Purchasing Data Sales Data Inventory Data Planning Data Production Data Properties Remarks Attachments

Withholding Tax Liable

Do Not Apply Discount Groups

Brand Asus

Additional Identifier

Shipping Type AIR 21

Serial and Batch Numbers

Manage Item by

- None
- Serial Numbers
- Batches

Active

Inactive

Advanced

From To

Remarks

Serial Number Transaction Report

Serial Number Transactions Report

#	Item No.	Item Description	Mfr Serial No.	Serial Number	Lot Number	Expiration Date	Mfr Date	Admission Date	Mfr Warranty Start	Mfr Warranty End	Whse Code	Location	Status	Details	Pi...
1	9101	Speed Queen Ind	9101010	9101010				06-05-2014		12-31-2015			Unavailable	Defective	
2	9101	Speed Queen Ind	9190102	9190102				06-05-2014		12-31-2015	01		Available		
3	9101	Speed Queen Ind		NUG0001				01-22-2015			01		Available		
4	9101	Speed Queen Ind		NUG0002				01-22-2015					Unavailable		
5	9101	Speed Queen Ind		NUG0003				01-22-2015					Unavailable		
6	9101	Speed Queen Ind		NUG0004				01-22-2015			01		Available		
7	9101	Speed Queen Ind		NUG0005				01-22-2015			01		Available		
8	9101	Speed Queen Ind		NUG0006				01-22-2015			01		Available		
9	9101	Speed Queen Ind		NUG0007				01-22-2015					Unavailable		

Transactions for Serial Number: **9101010**

#	Document	Doc. Row	Date	Whse	G/L Acct/BP Code	G/L Acct/BP Name	Allocated	Direction	Bin Location
1	SI 200000033	4	06-05-2014	01	8000-1000	Opening Balance		In	
2	DN 500000047	3	01-20-2015	01	CUS0006	SM Megamall		Out	

OK

Inventory Counting

Inventory Counting

Count Date: 05-28-2016 Time: 12:06

Counting Type: Multiple Counters

No. of Individual Counters: 1

No. of Team Counters: 0

No.: Primary 12

Status: Open

Ref. 2:

Branch: Test Database

General

Find Item No. Warehouses

#	Item No.	Item Description	Freeze	Whse	Bin Location	In-Whse Qty on Count Date	Counted	Branch	UoM Code	Items per Unit	manager - Uo...	manager - Cou...
1	1000001	Item	<input type="checkbox"/>			0.000	<input type="checkbox"/>		Manual			0.000
2	14S003-Cya	2014 SWIMWEAR - KID	<input type="checkbox"/>			0.000	<input type="checkbox"/>		1kgPack	1.000	0.000	0.000
3	14S003-Mag	2014 SWIMWEAR - KID	<input type="checkbox"/>			0.000	<input type="checkbox"/>		Manual			0.000
4	14S003-Yell	2014 SWIMWEAR - KID	<input type="checkbox"/>			0.000	<input type="checkbox"/>		Manual			0.000
5	14SANT/Cy	SANTA 2014 Cyan LAR	<input type="checkbox"/>			0.000	<input type="checkbox"/>		Manual			0.000
6	14SANT/Cy	SANTA 2014 Cyan LAR	<input type="checkbox"/>			0.000	<input type="checkbox"/>		Manual			0.000
7			<input type="checkbox"/>			0.000	<input type="checkbox"/>					
											0.000	

Remarks

Add Cancel Add Items Adjust Counted Quantities Copy to Inventory Posting

Inventory Posting

File Edit View Data Go To Modules Tools Window Help

Inventory Posting

Posting Date: 11-18-2014
 Count Date: 11-18-2014 Time: 16:46
 Price Source: Item Cost

No. Primary 10
 Ref. 2
 Branch: Test Database

Find Item No. Warehouses

#	Item No.	Item Description	Whse	Bin Location	In-Whse Qty on Count Date	UoM	Counted Qty	Variance	Variance %	Price	Total	UoM Code	Items per Unit
1	14S003-C	2014 SWIMWEAR - K	01		0.000		10.000	10.000	100.0000	101.800	PHP 1,018.000	Manual	
2	14S003-M	2014 SWIMWEAR - K	01		0.000		20.000	20.000	100.0000			Manual	
3	14SANT/C	SANTA 2014 Cyan L	01		136.000		130.000	-6.000	4.4118	592.210	HP -3,553.260	Manual	
4	14SANT/C	SANTA 2014 Cyan L	01		5.000		6.000	1.000	20.0000	953.330	PHP 953.330	Manual	
5	samsung	samsung galaxy s4	Whse_		0.000		10.000	10.000	100.0000			Manual	
6					0.000		0.000	0.000	0.0000				
					141.000		176.000	47.000	33.3333		HP -1,581.930		

Remarks: Based On Inventory Counting 3

Journal Remark: Inventory Posting

Add Cancel Add Items Copy from Inventory Counting



Inventory Posting List

Inventory Posting List

Posting Date	Document	Doc. Row	Whse	G/L Acct/BP Code	G/L Acct/BP Name	Inventory UoM	Qty	Price after Disc.	Balance
1000001					Item				218
11-19-2014	⇒ ST 4	1	⇒ 01	⇒ 1000-3200	Supplies Inventory		-9	PHP 366.560	209
									209
14S003-Cyan					2014 SWIMWEAR - KIDS				
06-03-2014	⇒ SI 200000025	1	⇒ 2		Opening Balance	1 Kilogram Pack	2,000	PHP 0.000	2,000
06-03-2014	⇒ MR 300000002	1	⇒ 2	⇒ 1000-3100	Merchandise Inventory	1 Kilogram Pack		PHP 100.000	2,000
06-03-2014	⇒ DN 500000025	1	⇒ 2	⇒ CUS0004	Customer	1 Kilogram Pack	-100	PHP 375.000	1,900
06-05-2014	⇒ DN 500000026	1	⇒ 2	⇒ CUS0004	Customer	1 Kilogram Pack	-100	PHP 375.000	1,800
08-25-2014	⇒ DN 500000032	1	⇒ 2	⇒ CUS0005	SM Mall Of Asia	1 Kilogram Pack	-10	PHP 500.000	1,790
08-27-2014	⇒ CN 200000011	1	⇒ 2	⇒ CUS0004	Customer	1 Kilogram Pack	1	PHP 375.000	1,791
10-30-2014	⇒ DN 500000036	1	⇒ 2	⇒ CUS0006	SM Megamall	1 Kilogram Pack	-95	PHP 398.280	1,696
10-30-2014	⇒ DN 500000037	1	⇒ 2	⇒ CUS0006	SM Megamall	1 Kilogram Pack	-5	PHP 398.280	1,691
									1,691
14S003-Magenta					2014 SWIMWEAR - KIDS				
06-03-2014	⇒ SI 200000025	2	⇒ 2		Opening Balance	SET	3,000	PHP 0.000	3,000
06-03-2014	⇒ MR 300000002	2	⇒ 2	⇒ 1000-3100	Merchandise Inventory	SET		PHP 100.000	3,000
06-03-2014	⇒ DN 500000025	2	⇒ 2	⇒ CUS0004	Customer	SET	-350	PHP 375.000	2,650
06-05-2014	⇒ DN 500000026	2	⇒ 2	⇒ CUS0004	Customer	SET	-100	PHP 375.000	2,550
									2,550

Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard

Procurement Process

Sales Order

Customer Name
Contact Person
Customer PO. No.
Local Currency

COMPANY

Contents

#	Item No.
1	

Sales Employee
Owner

Procurement Confirmation Wizard

Base Document Line Items

Select line items for inclusion in the procurement documents. To create a procurement document as a draft, select "Create Draft Documents". If required, you can change the vendor or the purchase quantities.

Target Document: Purchase Order

Vendor Name: Purchase Order

Target Doc. Series: Primary

Print Target Document

Create Draft Document

Delivery Date:

#	Branch	Vendor	Target Doc. Series	Base Doc.	Item No.	Item Description	Quantity
1	Test Database		Primary	4000001	14SANT/ SANTA 2014 Magent		5.000

Step 3 of 6

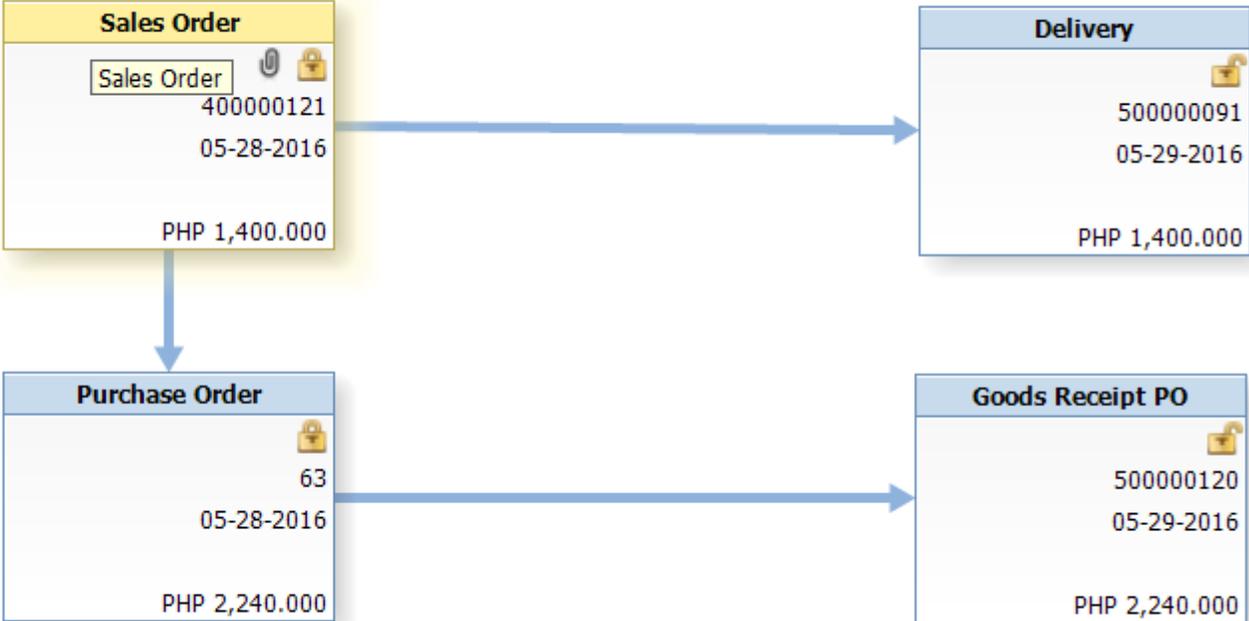
Cancel
Back
Next
Finish



Procurement Process

Business Partners
CUS0004
Customer

Business Partners
VEN0011
BMEG



Procurement Process

Business Partners
CUS0006
SM Megamall

Sales Order
400000016
11-19-2013
PHP 672.000

Production Order
100000049
14S003-Magenta
Standard
Released
Production Order Status

Issue for Production
100000061
05-29-2016
PHP 68.831

Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management

Serial /Batch Management

Serial Number Transactions Report

#	Item No.	Item Description	Mfr Serial No.	Serial Number	Lot Number	Expiration Date	Mfr Date	Admission Date	Mfr Warranty Start	Mfr Warranty End	Whse Code	Location	Status	Details	Pi...
1	9101	Speed Queen Ind	9101010	9101010				06-05-2014		12-31-2015			Unavailable	Defective	
2	9101	Speed Queen Ind	9190102	9190102				06-05-2014		12-31-2015	01		Available		
3	9101	Speed Queen Ind		NUG0001				01-22-2015			01		Available		
4	9101	Speed Queen Ind		NUG0002				01-22-2015					Unavailable		
5	9101	Speed Queen Ind		NUG0003				01-22-2015					Unavailable		
6	9101	Speed Queen Ind		NUG0004				01-22-2015			01		Available		
7	9101	Speed Queen Ind		NUG0005				01-22-2015			01		Available		
8	9101	Speed Queen Ind		NUG0006				01-22-2015			01		Available		
9	9101	Speed Queen Ind		NUG0007				01-22-2015					Unavailable		

Transactions for Serial Number: **9101010**

#	Document	Doc. Row	Date	Whse	G/L Acct/BP Code	G/L Acct/BP Name	Allocated	Direction	Bin Location
1	SI 200000033	4	06-05-2014	01	8000-1000	Opening Balance		In	
2	DN 500000047	3	01-20-2015	01	CUS0006	SM Megamall		Out	

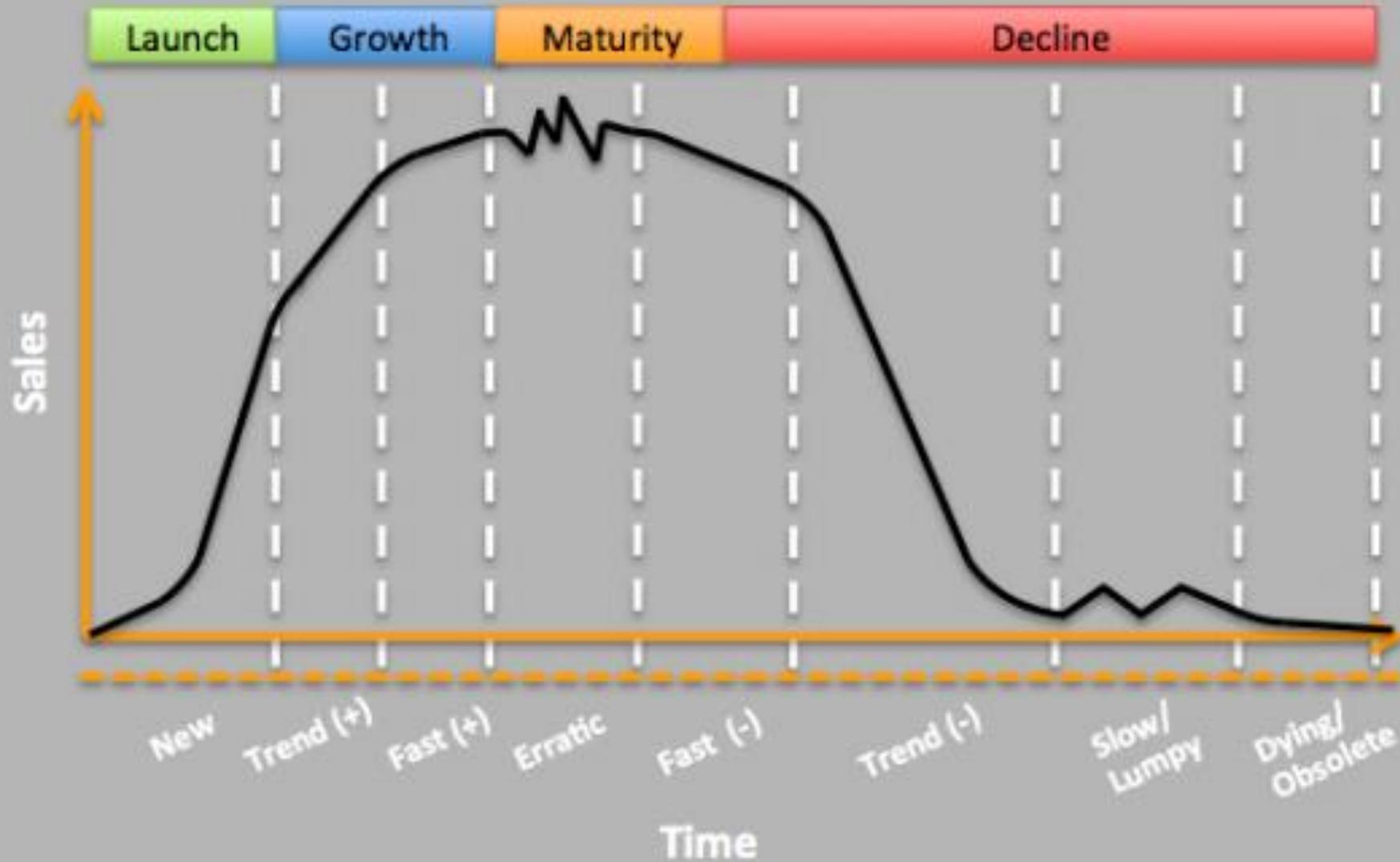
OK



Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting

The Different Stages of a Product Life-Cycle



Forecasting in SAP B1

Forecasts

Forecast Code: June 1
 Forecast Name: June1
 Start Date: 05-01-2016 End Date: 12-31-2016 View: Monthly

+ 0.000% -

Item No.	Item Description	Warehouse	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1	14S003-Cyar 2014 SWIMWEAR - KIDS	2	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25
2	14S003-Mag 2014 SWIMWEAR - KIDS	2	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
3	9001 Grease Streater	01	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
4	Fer002 Vitamins	01	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
5	G001 .45 caliber	01	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
6	lobster lobster	01	10	10	10	10	10	10	10	10
7	Mer001 Peotraco Glucose	01	5	5	5	5	5	5	5	5
8	Mer003 ZIPPER	01	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
9	MP4100 MP BLEND	FG	5	5	5	5	5	5	5	5
10	MX115 MX115	Whse_2	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
11	Oppo R7 Oppo R7	01	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
12	RM001 FABRIC - DIRECT MATERIAL	01	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
13	RM012 Fruit Salad	01	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
14	RM021 Buttons	01	12.625	12.625	12.625	12.625	12.625	12.625	12.625	12.625
15	S0001 Lappy Top	01	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75
16	samsung gale samsung galaxy s4	01	1.875	1.875	1.875	1.875	1.875	1.875	1.875	1.875
17	SERVICE LOADING / UNLOADING VES	01	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
18										

OK Cancel Generate Forecast

Forecasting in SAP B1

Generate Forecasts - Setup

Select Items By: Item

Item No. From: [] To: []

Item Group: All

Generate Forecast for Warehouses

▼ Advanced Settings

System-Generated Forecast

Base on Sales History Sales Orders Deliveries and A/R Invoices

History Start Date: 05-01-2015 - 12-31-2015



Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting
Damage	Basic Inventory Management function	UoM Package Type/Approvals, Restrictions

UoM Package Types

Item Master Data

Item No.	Manual	VM001
Description	VIALS - SUPPLEMENTS	
Foreign Name		
Item Type	Items	
Item Group	Merchandise	
JoM Group	Packs	
Price List	Distributor Price	

Preferred Vendor	
Mfr Catalog No.	
Purchasing UoM Code	1kgPack
Purchasing UoM Name	1 Kilogram Pack
Items per Purchase Unit	1 1kgPack
Package Type	
Quantity per Package	1

Customs Group	Duty Exempt
Tax Group	Input VAT - Goods 12

- Inventory Item
- Sales Item

Purchasing UoM and Package Types

Item No.	VM001	UoM Group	Packs	Inventory UoM	1kgPack
----------	-------	-----------	-------	---------------	---------

Purchasing UoM	1kgPack
Add Rows	

Set as Default

Unit Name: 1 Kilogram Pack

Items per Unit: 1 1kgPack = 1 1kgPack

Purchasing UoM Dimensions

Length	
Width	
Height	
Volume	
Weight	

cm

OK Cancel

Package Types

01
02
Add Rows

Set as Default

Qty per Package

Package Type Dimensions

Length	
Width	
Height	
Volume	0.0000
Weight	

Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
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Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting
Damage	Basic Inventory Management function	UoM Package Type/Approvals, Restrictions
Over Delivery of Items or Stock -Outs	Min Max Method	Alert management, Blockings

Alert Management for Minimum/Maximum Stock

Alerts Management

Name Priority

Active

#	To	Int.	E-Mail	SMS	Fax
1	ACCTG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Admin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	AlertSvc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Angel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	B1i	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Dingdong	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	manager	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Sales	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Whse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting
Damage	Basic Inventory Management function	UoM Package Type/Approvals, Restrictions
Over Delivery of Items and Stock-outs	Min Max Method	Alert management, Blockings
Surprise Purchase Orders	Internal Communications/Forecasting	Approval Procedure/Blockings

Approval Procedures

Approval Templates - Setup

Name Active

Description Active when Updating Documents

Originator | **Documents** | **Stages** | **Terms**

Documents

Sales - A/R	Purchasing - A/P
<input type="checkbox"/> Sales Quotation	<input type="checkbox"/> Purchase Quotation
<input type="checkbox"/> Sales Order	<input checked="" type="checkbox"/> Purchase Order
<input type="checkbox"/> Delivery	<input type="checkbox"/> Goods Receipt PO
<input type="checkbox"/> Returns	<input type="checkbox"/> Goods Returns
<input type="checkbox"/> A/R Down Payment	<input type="checkbox"/> A/P Down Payment
<input type="checkbox"/> A/R Invoice	<input type="checkbox"/> A/P Invoice
<input type="checkbox"/> A/R Credit Memo	<input type="checkbox"/> A/P Credit Memo

Internal Requisition
 Purchase Request

Payment
 Outgoing Payment

Inventory Counting Transactions
 Inventory Counting
 Inventory Posting

Inventory

- Goods Receipt
- Goods Issue
- Inventory Transfer Request
- Inventory Transfer
- Inventory Opening Balance

Approval Procedures

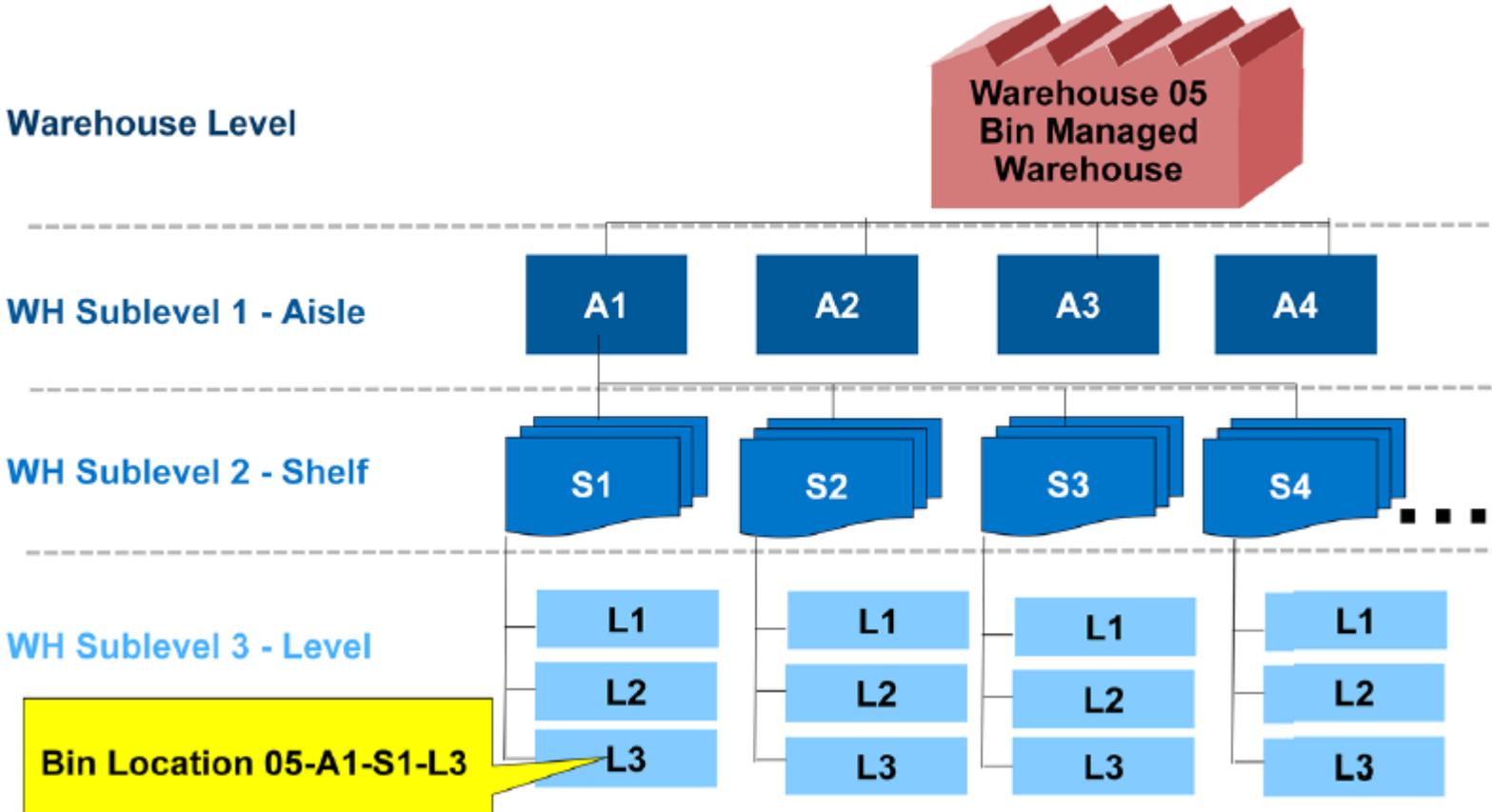
Approval Templates - Setup			
Choose	Term	Ratio	Value
<input type="checkbox"/>	Deviation from Credit Limit	Undefined Type	
<input type="checkbox"/>	Deviation from Commitment	Undefined Type	
<input type="checkbox"/>	Gross Profit %	Undefined Type	
<input type="checkbox"/>	Discount %	Undefined Type	
<input type="checkbox"/>	Deviation from Budget	Undefined Type	
<input checked="" type="checkbox"/>	Total Document	Greater or Ec ▾	PHP 5,000.00

Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting
Damage	Basic Inventory Management function	UoM Package Type/Approvals, Restrictions
Over Delivery of Items and Stock outs	Min Max Method	Alert management, Blockings
Surprise Purchase Orders	Internal Communications/Forecasting	Approval Procedure/Blockings
Having too many SKUs in too many places	ABC Analysis	BIN Location Management

BIN Location

Bin Locations in the Warehouse



BIN Location

Bin Location Master Data

Warehouse: [Dropdown] Sublevel 1: [Text] Sublevel 2: [Text]

Bin Location Code: [Text]

Bin Location Properties

Inactive

Receiving Bin Location Exclude from Auto. Alloc. on Issue

Description: [Text]

Item Weight: [Text] Item Qty: [Text]

No. of Items: [Text] No. of Batches/Serials: [Text]

Alternative Sort Code: [Text] Bar Code: [Text]

Minimum Qty: [Text] Maximum Qty: [Text]

Maximum Weight: [Text]

Item Restrictions: [None] UoM Restrictions: [None]

Batch Restrictions: [None] Transaction Restrictions: [None]

Last Updated On: [Text]

Reason: [Text]



BIN Location

Bin Location Management

Management Task: Generate Bin Locations

Bin Location Codes

	From	To
Warehouse	<input type="text" value="bodega"/>	<input type="text"/>
Sublevel 1	<input type="text" value="500"/>	<input type="text"/>
Sublevel 2	<input type="text" value="AA"/>	<input type="text"/>

Bin Location Properties

Inactive	<input type="checkbox"/>	User-Defined Fields	<input type="text"/>	<input type="button" value="..."/>
Receiving Bin Location	<input type="checkbox"/>	Exclude from Auto. Alloc. on Issue	<input type="checkbox"/>	
Description	<input type="text"/>			<input type="button" value="..."/>
Alternative Sort Code	<input type="text"/>	Bar Code	<input type="text"/>	<input type="button" value="..."/>
Minimum Qty	<input type="text"/>	Maximum Qty	<input type="text"/>	
Maximum Weight	<input type="text"/>			
Item Restrictions	<input type="text" value="None"/>			
UoM Restrictions	<input type="text" value="None"/>			
Batch Restrictions	<input type="text" value="None"/>			
Transaction Restrictions	<input type="text" value="None"/>	Reason	<input type="text"/>	

BIN Location and Barcode

Item Master Data

Item No. Manual 14S003-Cyan
 Description 2014 SWIMWEAR - KIDS
 Foreign Name 2014 SWIMWEAR - KIDS
Item Type Items
 Item Group Merchandise
 UoM Group Packs
 Price List Distributor Price

Bar Code 1kgPack
 Unit Price Primary Curren PHP 375.000 1kgPack

General Purchasing Data Sales Data **Inventory Data** Planning Data Producti

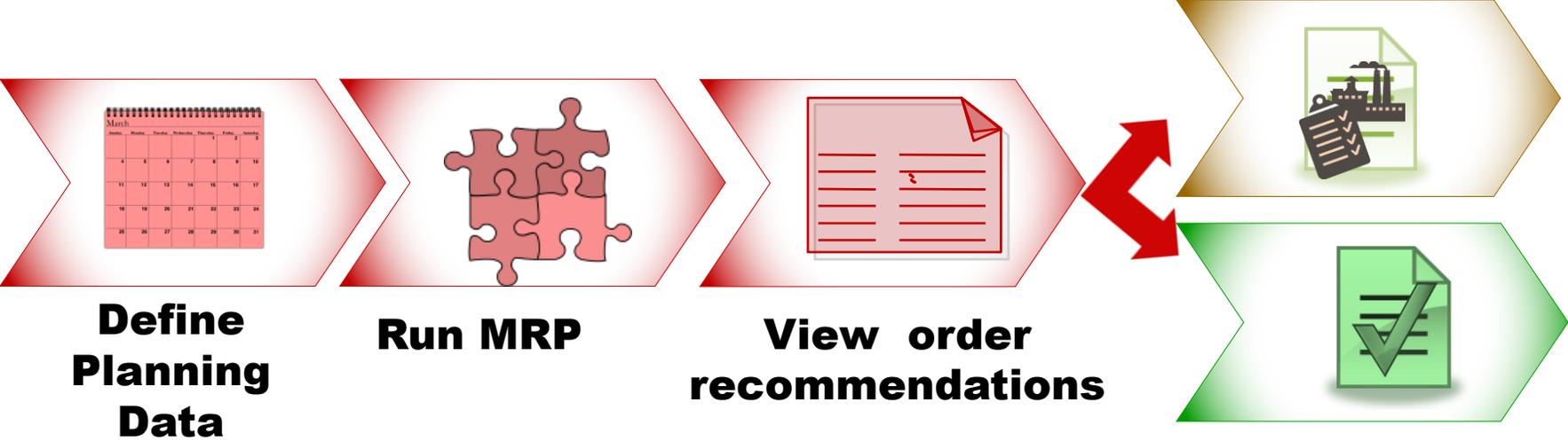
Set G/L Accounts By Item Group
 UoM Code 1kgPack
 UoM Name 1 Kilogram Pack
 Weight
 Inventory Counting UoM Code 1kgPack
 Inventory Counting UoM Name 1 Kilogram Pack
 Items per Counting Unit 1 1kgPack
 Valuation Method Moving Average

#	Whse Code	Whse Name	Locked	In Stock	Committed	Default Bin Location	Ordered	Available	Min. Invent
1	001	BLOCK Margarita	<input type="checkbox"/>	20		001-AREA-AA	1	21	
2	002	BLOCK CAMELLA	<input type="checkbox"/>						
3	003	Igloo Cold Storage	<input type="checkbox"/>						
4	004	Slicing Facility	<input type="checkbox"/>						
5	01	General Warehouse	<input type="checkbox"/>	100	120			-20	
				2,816	3,732		731	-185	

Common Inventory Problems/Risks and Control Measure

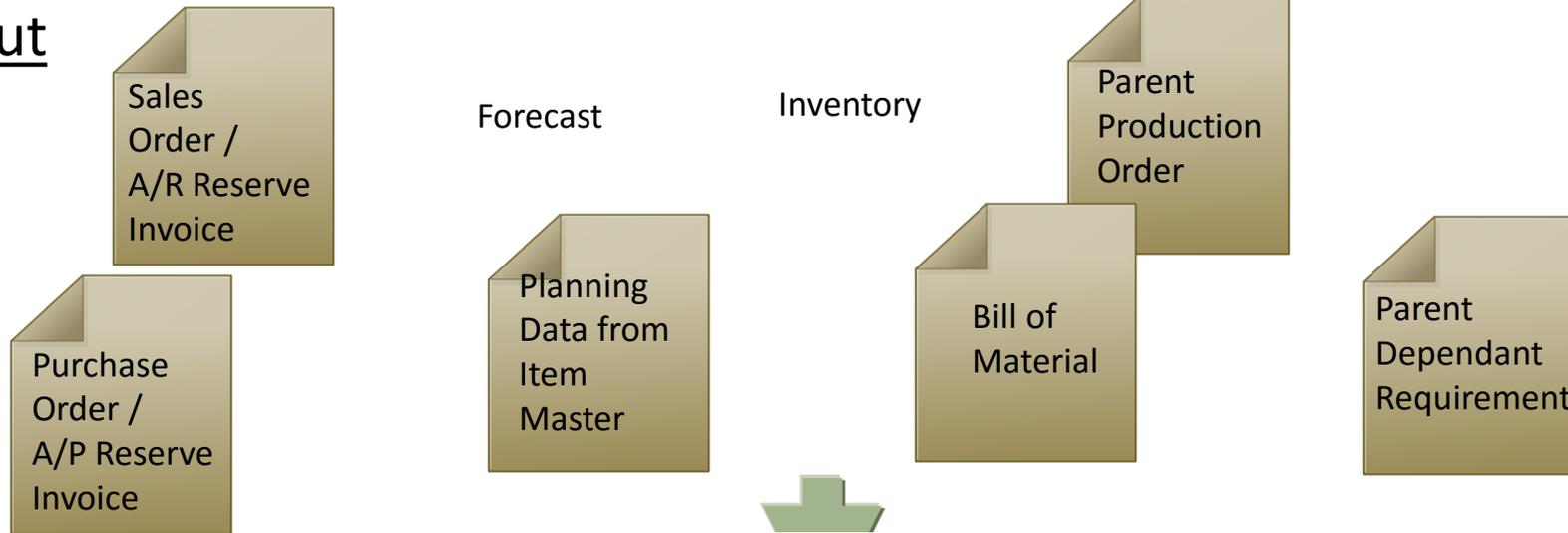
RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting
Damage	Basic Inventory Management function	UoM Package Type/Approvals, Restrictions
Over Delivery of Items or stock-outs	Min Max Method	Alert management, Blockings
Surprise Purchase Orders	Internal Communications/Forecasting	Approval Procedure/Blockings
Having too many SKUs in too many places	ABC Analysis	BIN Location Management
Performance Measurement are lacking	MRP	MRP

Material Requirements Planning Overview



MRP Basics

Input



Output



MRP- Materials Requirements Planning

MRP Wizard - 2015

Scenario Details

Define the planning horizon that you want to display in the MRP report.

Description: 2015

Planning Horizon

Start Date: 05-24-2016

End Date: 12-31-2016

View Data in Periods Of: 1 Days

Planning Horizon Length: 222 Days

Consider Holidays For:

- Production Items
- Purchase Items

Ignore Cumulative Lead Time

Display Preferences

Sort By: Assembly Sequence

- Display Items with No Requirements
- Display Selected Items Only
- Simulation

Save Scenario

Cancel Back Next Run

MRP- Materials Requirements Planning

MRP Wizard - 2015

Inventory Data Source

Define which storage locations and warehouse as well as which sources of demand and supply to include in the MRP run.

Run By

- Company - Consolidate existing inventory, demand, and supply into default warehouse only.
- Warehouse - Include existing inventory, demand, and supply separately for each warehouse.

Include Data Source

Include Supply	Location	Warehouse Code	Warehouse Name	Include Demand	Include Existing Inventory
<input checked="" type="checkbox"/>	▼			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 001	BLOCK Margarita	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 002	BLOCK CAMELLA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 003	Igloo Cold Storage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 004	Slicing Facility	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 01	General Warehouse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 03	IT Warehouse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ 2	Main Warehouse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	▼ Main Office			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ FG	FG WHSE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ Whse_2	MIOKA-MTC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		➔ Whse_3	HOLD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Expand
Collapse

Save Scenario

MRP- Materials Requirements Planning

MRP Wizard - 2015

Documents Data Source

Define the data sources as well as the documents to include in the MRP calculation.

Time Range

- Within Planning Horizon
- Include Historical Data

Sources of Demand and Supply to Be Included in MRP Calculation

<input type="checkbox"/> Purchase Requests	<input type="checkbox"/> Restrict Purchase Requests	...
<input type="checkbox"/> Purchase Quotations	<input type="checkbox"/> Restrict Purchase Quotations	...
<input checked="" type="checkbox"/> Purchase Orders	<input type="checkbox"/> Restrict Purchase Orders	...
<input checked="" type="checkbox"/> Blanket Purchase Agreements	<input type="checkbox"/> Restrict Purchase Agreements	...
<input type="checkbox"/> Sales Quotations	<input type="checkbox"/> Restrict Sales Quotations	...
<input checked="" type="checkbox"/> Sales Orders	<input type="checkbox"/> Restrict Sales Orders	...
<input checked="" type="checkbox"/> Blanket Sales Agreements	<input type="checkbox"/> Restrict Sales Agreements	...
<input checked="" type="checkbox"/> Production Orders	<input type="checkbox"/> Restrict Production Orders	...
<input type="checkbox"/> Inventory Transfer Requests	<input type="checkbox"/> Restrict Transfer Requests	...
<input type="checkbox"/> Recurring Order Transactions		
<input type="checkbox"/> Reserve Invoices	<input type="checkbox"/> Restrict Reserve Invoices	...

Inventory Level:

Forecast:

Recommendations

- Purchase
 - Purchase Requests
 - Purchase Orders
- Production Orders
- Inventory Transfer Requests
- Generate to Default Warehouse for Item
- Generate to Warehouse with the Demand

Save Scenario

Step 5 of 6

Cancel Back Next Run

MRP- Materials Requirements Planning

MRP Wizard - June 1, 2016

MRP Results

On the "Report" tab, you may toggle the final inventory quantity either before or after the MRP run with the "Preview MRP Run Results" checkbox.

Planning Horizon **05-01-2016 - 12-31-2016**

Calculated At 10:54

Find Item No.

Report Recommendations

Preview MRP Run Results Filter Possible Problem Items

#	Item No.	Item Description	Past Due ...	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Future Data
1	▼ Fer002	Vitamins							50			
	Initial Inventory		65	65	65	52.5	40	27.5	15	2.5	40	27.5
	Supply									50		
	Demand				12.5	12.5	12.5	12.5	12.5	12.5	12.5	
	Final Inventory		65	65	52.5	40	27.5	15	2.5	40	27.5	27.5

Expand/Collapse Save Recommendations Save Scenario

MRP- Materials Requirements Planning

Order Recommendation

Planning Horizon: 05-01-2016 - 12-31-2016 Calculated At: 05-28-2016 10:54

Find Item No.

Create	Order Type	Item Number	Item Description	Quantity	UoM Code	UoM Name	Item Minimum Order Qty	Item Order Multiple	Item Lead Time	Release Date	Due Date	Vendor ...
1	<input type="checkbox"/> Purchase Request	Fer002	Vitamins	50	Manual	Vial	50.000	0.000	15	10-11-2016	11-01-2016	VEN0011

- Purchase Order
- Production Order
- Inventory Transfer Request
- Purchase Quotation
- Purchase Request

Navigation: Back, OK, Cancel

Other inventory facilities in SAP

Item Master Data – Planning data

Item Master Data

Item No.

Description

Foreign Name

Item Type

Item Group

UoM Group

Price List

Bar Code Set

Unit Price Set

General | Purchasing Data | Sales Data | Inventory Data | **Planning Data** | Production Data

Planning Method

Procurement Method

Order Interval

Order Multiple

Minimum Order Qty Set

Lead Time Days

Tolerance Days Days



Item Master Data – Inventory Data

Item Master Data

Item No. Manual ▼ ITM00001

Description Laptop Sonic Master

Foreign Name

Item Type Items ▼

Item Group → Merchandise ▼

UoM Group → Set ▼ ⓘ

Price List Distributor Price ▼

Bar Code Set ...

Unit Price Primary Curren▼ Set ...

General Purchasing Data Sales Data **Inventory Data** Planning Data Production Data

Set G/L Accounts By Warehouse ▼

UoM Code Set

UoM Name Set

Weight

Inventory Counting UoM Code Set

Inventory Counting UoM Name Set

Items per Counting Unit 1 Set

Valuation Method Moving Average ▼

Moving Average

Standard

FIFO

#	Whse Code	Whse Name	Committed	Ordered	Available	Min. Inventory	Max. Inventory	Req. Inv. Level	Item
1	→ 001	BLOCK Marga	<input type="checkbox"/>						
2	→ 002	BLOCK CAMEI	<input type="checkbox"/>						
3	→ 003	Igloo Cold St	<input type="checkbox"/>						
4	→ 004	Slicing Facility	<input type="checkbox"/>						
5	→ 01	General Ware	<input type="checkbox"/>						

General Purchasing Data Sales Data **Inventory Data** Planning Data Production Data Properties Remarks Attachments

Set G/L Accounts By **Item Group**

UoM Name

Weight

Valuation Method **Moving Average**

Manage Inventory by Warehouse

Inventory Level

Required (Purchasing UoM)

Minimum

Maximum

Purchases to supplier

#	Whse Code	Whse Name	Locked	In Stock	Committed	Ordered	Available	Min. Inventory	Max. Inventory	Req. Inv. Level	Item Cost	Revenue Account	E...
4	004	Slicing Facility	<input type="checkbox"/>									4000-1000	60
5	01	General Warehouse	<input type="checkbox"/>	100	147	762	715				366.56	4000-1000	60
6	03	IT Warehouse	<input type="checkbox"/>									4000-1000	60
7	2	Main Warehouse	<input type="checkbox"/>	109			109				372.4	4000-1000	60
8	bodega	bodega	<input type="checkbox"/>									4000-1000	60
				209	147	762	824						

Multiple units of Measure

Units of Measurement - Setup

#	Code	Unit Name	Length	Width	Height	Volume	Volume UoM	Weight
1	Manual	Manual					ci	
2	Pack	Pack	30cm	21cm	4cm	2,520	cc	2.5kg
3	Small Pack	Small Pack	30cm	21cm	2cm	1,260	cc	1.25kg
4	6 Pack	6 Pack	30cm	21cm	24cm	15,120	cc	15kg
5	Carton	Carton	60cm	42cm	24cm	60,480	cc	60kg
6	Pallet	Pallet	84cm	60cm	24cm	120,960	cc	120kg
7	Case	Case					ci	
8	DVD	DVD					ci	
9	Kit	Kit					ci	

Item Master Data

Item No. Manual P11111 Inventory Item
Description Printer Paper A4 Sales Item
Foreign Name Purchase Item
Item Type Items
Item Group Items
UoM Group Paper Bar Code Pack
Price List Base Price Unit Price Primary Curren 3.00 \$

General Purchasing Data Sales Data **Inventory Data** Planning Data Properties Attachments Remarks

Set G/L Accounts By Warehouse Manage Inventory by Warehouse
UoM Code Pack Inventory Level
UoM Name Pack Required (Purchasing UoM)
Valuation Method Moving Average Minimum
Maximum

SAP Inventory Reports

Inventory Posting List

Posting Date	Document	Doc. Row	Whse	G/L Acct/BP Code	G/L Acct/BP Name	Inventory UoM	Qty	Price after Disc.	Balance
1000001					Item				218
11-19-2014	⇒ ST 4	1	⇒ 01	⇒ 1000-3200	Supplies Inventory		-9	PHP 366.560	209
									209
14S003-Cyan					2014 SWIMWEAR - KIDS				
06-03-2014	⇒ SI 200000025	1	⇒ 2		Opening Balance	1 Kilogram Pack	2,000	PHP 0.000	2,000
06-03-2014	⇒ MR 300000002	1	⇒ 2	⇒ 1000-3100	Merchandise Inventory	1 Kilogram Pack		PHP 100.000	2,000
06-03-2014	⇒ DN 500000025	1	⇒ 2	⇒ CUS0004	Customer	1 Kilogram Pack	-100	PHP 375.000	1,900
06-05-2014	⇒ DN 500000026	1	⇒ 2	⇒ CUS0004	Customer	1 Kilogram Pack	-100	PHP 375.000	1,800
08-25-2014	⇒ DN 500000032	1	⇒ 2	⇒ CUS0005	SM Mall Of Asia	1 Kilogram Pack	-10	PHP 500.000	1,790
08-27-2014	⇒ CN 200000011	1	⇒ 2	⇒ CUS0004	Customer	1 Kilogram Pack	1	PHP 375.000	1,791
10-30-2014	⇒ DN 500000036	1	⇒ 2	⇒ CUS0006	SM Megamall	1 Kilogram Pack	-95	PHP 398.280	1,696
10-30-2014	⇒ DN 500000037	1	⇒ 2	⇒ CUS0006	SM Megamall	1 Kilogram Pack	-5	PHP 398.280	1,691
									1,691
14S003-Magenta					2014 SWIMWEAR - KIDS				
06-03-2014	⇒ SI 200000025	2	⇒ 2		Opening Balance	SET	3,000	PHP 0.000	3,000
06-03-2014	⇒ MR 300000002	2	⇒ 2	⇒ 1000-3100	Merchandise Inventory	SET		PHP 100.000	3,000
06-03-2014	⇒ DN 500000025	2	⇒ 2	⇒ CUS0004	Customer	SET	-350	PHP 375.000	2,650
06-05-2014	⇒ DN 500000026	2	⇒ 2	⇒ CUS0004	Customer	SET	-100	PHP 375.000	2,550
									2,550
14S003-Yellow					2014 SWIMWEAR - KIDS				
06-03-2014	⇒ SI 200000025	3	⇒ 2		Opening Balance	SET	4,000	PHP 0.000	4,000
06-03-2014	⇒ MR 300000002	3	⇒ 2	⇒ 1000-3100	Merchandise Inventory	SET		PHP 100.000	4,000
06-03-2014	⇒ DN 500000025	3	⇒ 2	⇒ CUS0004	Customer	SET	-250	PHP 375.000	3,750

- Split Display by Batch/Serial Numbers
- Split Display by Bin Locations

SAP Inventory Reports

Inventory Status

Inventory Status

Item No. Available-to-Promise

Double-click row number to open following report

#	Item No.	Item Description	In Stock	Committed	Ordered	Available	Unit of Measure	Req...
1	⇒ 1000001	Item	209	147	762	824		
2	⇒ 14S003-Cyan	2014 SWIMWEAR - KIDS	2,816	3,732	731	-185	1 Kilogram Pack	
3	⇒ 14S003-Magenta	2014 SWIMWEAR - KIDS	2,660	2,101	4,002	4,561	SET	
4	⇒ 14S003-Yellow	2014 SWIMWEAR - KIDS	3,735	2,511	10	1,234	SET	
5	⇒ 14SANT/Cyan/L/AS	SANTA 2014 Cyan LARGE ASYMMETRICAL	14	1,000	4,502	3,516		
6	⇒ 14SANT/Cyan/L/PL	SANTA 2014 Cyan LARGE PLAIN	286	410	5,170	5,046		
7	⇒ 14SANT/Cyan/L/ST	SANTA 2014 Cyan LARGE STRIPES	105	200	1,241	1,146		
8	⇒ 14SANT/Cyan/M/AS	SANTA 2014 Cyan MEDIUM ASYMMETRICAL	28		1,000	1,028		
9	⇒ 14SANT/Cyan/M/PL	SANTA 2014 Cyan MEDIUM PLAIN	5		1,000	1,005		
10	⇒ 14SANT/Cyan/M/ST	SANTA 2014 Cyan MEDIUM STRIPES	155	10	1,010	1,155		
11	⇒ 14SANT/Cyan/S/AS	SANTA 2014 Cyan SMALL ASYMMETRICAL	3	10	1,013	1,006		
12	⇒ 14SANT/Cyan/S/PL	SANTA 2014 Cyan SMALL PLAIN	10	20	1,011	1,001		
13	⇒ 14SANT/Cyan/S/ST	SANTA 2014 Cyan SMALL STRIPES	16		1,012	1,028		
14	⇒ 14SANT/Magenta/L/AS	SANTA 2014 Magenta LARGE ASYMMETRICAL		15	1,015	1,000		
15	⇒ 14SANT/Magenta/L/PL	SANTA 2014 Magenta LARGE PLAIN	8		1,002	1,010		
16	⇒ 14SANT/Magenta/L/ST	SANTA 2014 Magenta LARGE STRIPES			1,012	1,012		
17	⇒ 14SANT/Magenta/M/AS	SANTA 2014 Magenta MEDIUM ASYMMETRICAL			1,000	1,000		
18	⇒ 14SANT/Magenta/M/PL	SANTA 2014 Magenta MEDIUM PLAIN	111		1,010	1,121		
19	⇒ 14SANT/Magenta/M/ST	SANTA 2014 Magenta MEDIUM STRIPES	32		1,000	1,032		
20	⇒ 14SANT/Magenta/S/AS	SANTA 2014 Magenta SMALL ASYMMETRICAL			1,001	1,001		
21	⇒ 14SANT/Magenta/S/PL	SANTA 2014 Magenta SMALL PLAIN			1,000	1,000		
22	⇒ 14SANT/Magenta/S/ST	SANTA 2014 Magenta SMALL STRIPES	27		1,014	1,041		

SAP Inventory Reports

Inventory in Warehouse Report

Inventory in Warehouse Report

Find

In Stock

Committed

Ordered

#	Item Number	Item Description	UoM	Whse Total	001	002	003	004	01	03	2
1	➔ 1000001	➔ Item		209					100		109
2	➔ 14S003-Cyan	➔ 2014 SWIMWEAR - KIDS	1 Kilogram Pack	2,816	20				100		2,696
3	➔ 14S003-Magenta	➔ 2014 SWIMWEAR - KIDS	SET	2,660	10						2,650
4	➔ 14S003-Yellow	➔ 2014 SWIMWEAR - KIDS	SET	3,735							3,535
5	➔ 14SANT/Cyan/L/AS	➔ SANTA 2014 Cyan LARGE ASYMMETRICAL		14				14			
6	➔ 14SANT/Cyan/L/PL	➔ SANTA 2014 Cyan LARGE PLAIN		286					286		
7	➔ 14SANT/Cyan/L/ST	➔ SANTA 2014 Cyan LARGE STRIPES		105					105		
8	➔ 14SANT/Cyan/M/AS	➔ SANTA 2014 Cyan MEDIUM ASYMMETRICAL		28				28			
9	➔ 14SANT/Cyan/M/PL	➔ SANTA 2014 Cyan MEDIUM PLAIN		5					5		
10	➔ 14SANT/Cyan/M/ST	➔ SANTA 2014 Cyan MEDIUM STRIPES		155					155		
11	➔ 14SANT/Cyan/S/AS	➔ SANTA 2014 Cyan SMALL ASYMMETRICAL		3					3		
12	➔ 14SANT/Cyan/S/PL	➔ SANTA 2014 Cyan SMALL PLAIN		10					10		
13	➔ 14SANT/Cyan/S/ST	➔ SANTA 2014 Cyan SMALL STRIPES		16					16		
14	➔ 14SANT/Magenta/L/AS	➔ SANTA 2014 Magenta LARGE ASYMMETRICAL									
15	➔ 14SANT/Magenta/L/PL	➔ SANTA 2014 Magenta LARGE PLAIN		8					8		
16	➔ 14SANT/Magenta/L/ST	➔ SANTA 2014 Magenta LARGE STRIPES									
17	➔ 14SANT/Magenta/M/AS	➔ SANTA 2014 Magenta MEDIUM ASYMMETRICAL									
18	➔ 14SANT/Magenta/M/PL	➔ SANTA 2014 Magenta MEDIUM PLAIN		111					111		
19	➔ 14SANT/Magenta/M/ST	➔ SANTA 2014 Magenta MEDIUM STRIPES		32					32		
20	➔ 14SANT/Magenta/S/AS	➔ SANTA 2014 Magenta SMALL ASYMMETRICAL									
21	➔ 14SANT/Magenta/S/PL	➔ SANTA 2014 Magenta SMALL PLAIN									

SAP Inventory Reports

Inventory Audit Report

Inventory Audit Report

Date From Date To
 Currency

Items
 Warehouses

UoM	#	Item No.	Description	System Date	Posting Date	Document	Whse	Quantity	Cumulative Qty	Cumulative Value	Currency
SET	4	14S003-Yellow	2014 SWIMWEAR - KIDS						3,735.000	602,000.000	
	5					Opening			0.000	0.000	
SET	6			06-03-2014	06-03-2014	SI 2000	2	4,000.000	4,000.000	0.000	PHP
SET	7			06-03-2014	06-03-2014	MR 3000	2	0.000	4,000.000	400,000.000	PHP
SET	8			06-03-2014	06-03-2014	DN 5000	2	-250.000	3,750.000	375,000.000	PHP
SET	9			06-05-2014	06-05-2014	DN 5000	2	-100.000	3,650.000	365,000.000	PHP
SET	10			08-04-2014	08-04-2014	DN 5000	2	-10.000	3,640.000	364,000.000	PHP
SET	11			08-26-2014	08-26-2014	PD 5000	2	90.000	3,730.000	373,000.000	PHP
SET	12			08-26-2014	08-26-2014	PD 5000	2	10.000	3,740.000	374,000.000	PHP
SET	13			08-27-2014	08-27-2014	DN 5000	2	-200.000	3,540.000	354,000.000	PHP
SET	14			08-25-2014	08-25-2014	IM 5000	2	-200.000	3,340.000	334,000.000	PHP
SET	15			08-25-2014	08-25-2014	IM 5000	Brar	200.000	3,540.000	354,000.000	PHP
SET	16			08-25-2014	08-25-2014	DN 5000	2	-10.000	3,530.000	353,000.000	PHP
SET	17			01-08-2015	01-08-2015	DN 5000	2	-10.000	3,520.000	352,000.000	PHP
SET	18			09-07-2015	09-07-2015	PD 5000	2	15.000	3,535.000	502,000.000	PHP
SET	19			05-24-2016	05-24-2016	PD 5000	2	100.000	3,635.000	552,000.000	PHP
SET	20			05-24-2016	05-24-2016	PD 5000	2	100.000	3,735.000	602,000.000	PHP
	21	14SANT/Cyan/L/AS	SANTA 2014 Cyan LARGE ASYMMETRICAL						14.000	2,924.330	
	22	14SANT/Cyan/L/PL	SANTA 2014 Cyan LARGE PLAIN						286.000	169,371.720	
	23	14SANT/Cyan/L/ST	SANTA 2014 Cyan LARGE STRIPES						105.000	100,100.000	
	24	14SANT/Cyan/M/AS	SANTA 2014 Cyan MEDIUM ASYMMETRICAL						28.000	5,889.660	
										9,468,600,886.581	



OK

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SAP Inventory Reports

Batches and Serial Inventory Audit Report

Batches and Serials Inventory Audit Report

Date From Date To Items
 Currency Warehouses
 Report View

#	Whse	Item No.	Description	Serial/Batch No.	Serial/Batch	Current Serial/Batch Cost	Serial/Batch Attribute 1	System Date	Expiry Date	Document	Quantity	Cost	Trans. Va...
⇒	001	⇒ AFC001	Back Ribs	⇒ 03172015BR	Batch	879.545		03-17-2015	06-30-2015	⇒ PD 500000075	66.000	879.550	58,050.
⇒	001	⇒ AFC001	Back Ribs	⇒ 03162015BRa	Batch	879.546		03-17-2015	04-30-2015	⇒ PD 500000076	25.000	879.550	21,988.
⇒	001	⇒ AFC001	Back Ribs	⇒ 03162015BRa	Batch	879.546		03-18-2015	04-30-2015	⇒ SO 100000039	2.500	879.540	-2,198.
⇒	001	⇒ AFC001	Back Ribs	⇒ 03162015BRb	Batch	879.546		03-17-2015	04-30-2015	⇒ PD 500000076	20.000	879.550	17,590.
⇒	001	⇒ AFC001	Back Ribs	⇒ 03162015BRc	Batch	879.545		03-17-2015	04-30-2015	⇒ PD 500000076	21.000	879.550	18,470.
⇒	001	⇒ AFC001	Back Ribs	⇒ 03012015BRa	Batch	684.091		03-17-2015	04-30-2015	⇒ PD 500000077	22.000	684.090	15,050.
⇒	001	⇒ AFC001	Back Ribs	⇒ 03012015BR	Batch	684.091		03-17-2015	04-30-2015	⇒ PD 500000077	22.000	684.090	15,050.
⇒	004	⇒ AFC001	Back Ribs	⇒ 120912901	Batch	0.000		03-20-2015		⇒ PD 500000086	500.000	0.000	0.
⇒	004	⇒ AFC001	Back Ribs	⇒ 12901209	Batch	0.000		03-20-2015		⇒ PD 500000087	420.000	0.000	0.
⇒	01	⇒ AFC001	Back Ribs	⇒ 1290129	Batch	94,505.495		03-20-2015		⇒ PD 500000089	0.455	94,505.490	43,000.
⇒	01	⇒ AFC001	Back Ribs	⇒ 1234566	Batch	219.780		07-24-2015	12-31-2015	⇒ PD 500000099	910.000	219.780	200,000.
		⇒ AFC001	Back Ribs	⇒ 1234566	Batch	219.780		07-24-2015	12-31-2015	⇒ PU 100000082	0.000	0.000	0.
⇒	001	⇒ AFC002	Bottom Round Roast	⇒ 03172015BRR	Batch	977.273		03-17-2015	06-20-2015	⇒ PD 500000075	99.000	977.270	96,750.
⇒	001	⇒ AFC002	Bottom Round Roast	⇒ 03162015BRRa	Batch	977.273		03-17-2015	06-30-2015	⇒ PD 500000076	35.000	977.270	34,204.
⇒	001	⇒ AFC002	Bottom Round Roast	⇒ 03162015BRRb	Batch	977.273		03-17-2015	04-30-2015	⇒ PD 500000076	30.000	977.270	29,318.
⇒	001	⇒ AFC002	Bottom Round Roast	⇒ 03162015BRRc	Batch	977.273		03-17-2015	05-15-2015	⇒ PD 500000076	34.000	977.270	33,227.
⇒	001	⇒ AFC002	Bottom Round Roast	⇒ 03012015BRRa	Batch	586.364		03-17-2015	04-30-2015	⇒ PD 500000077	44.000	586.360	25,800.
⇒	01	⇒ AFC002	Bottom Round Roast	⇒ 1221	Batch	39,090.909		03-20-2015		⇒ PD 500000090	2.200	39,090.910	86,000.
⇒	001	⇒ AFC003	Brisket Flat Cut	⇒ 03172015BFC	Batch	937.986		03-17-2015	05-20-2015	⇒ PD 500000075	99.000	937.990	92,860.
⇒	001	⇒ AFC003	Brisket Flat Cut	⇒ 03162015BFCa	Batch	937.986		03-17-2015	03-31-2015	⇒ PD 500000076	40.000	937.990	37,519.

SAP Inventory Reports

Inventory Turnover Analysis

OEC Computers



Inventory Turnover Analysis

Period From: 01/01/2006 To 01/31/2006

Warehouse: 05, 02, 01, 03, 04

Item Group: J.B. Printers, Rainbow Printers

Warehouse Code: 01

Warehouse Name: General Warehouse

Item Group	Item	UOM	Opening Inventory	Closing Inventory	Period Goods Issue Qty	Days of Inventory	Inventory Turnover	Min.	Lead Time	Next Reorder Point	Last Receipt Date
J.B. Printers	*	N/A	0.000	215.000	5.000	666.500	0.047	0.000	0	6,162.800	11/09/2015
	J.B. Officeprint 1111	N/A	0.000	220.000	5.000	682.000	0.045	0.000	0	5,983.000	08/09/2012
	J.B. Officeprint 1186	N/A	0.000	165.000	55.000	46.500	0.667	0.000	0	614.927	08/09/2012
Rainbow Printers	Rainbow Color Printer 5.0	N/A	0.000	190.000	35.000	84.143	0.368	0.000	0	925.571	11/10/2015

Common Inventory Problems/Risks and Control Measure

RISK/problems	Principle /Control measure	SAP B1 SOLUTIONS
Theft/Inventory Loss	Stock Card, Random Count	Serial/Batch Management & Inventory Count
Inventory Waste	J.I.T	Procurement Confirmation Wizard
Shelf Life	FIFO Stock Movement plan	Serial/Batch Management
Life Cycle	Fixed Order Quantity	Forecasting
Damage	Basic Inventory Management function	UoM Package Type/Approvals, Restrictions
Over Delivery of Items and Stock-Outs	Min Max Method	Alert management, Blockings
Surprise Purchase Orders	Internal Communications/Forecasting	Approval Procedure/Blockings
Having too many SKUs in too many places	ABC Analysis	BIN Location Management
Performance Measurement are lacking	MRP	MRP

SAP Business One Q & A

