# PRMS™ Version 9 Enhancement Review
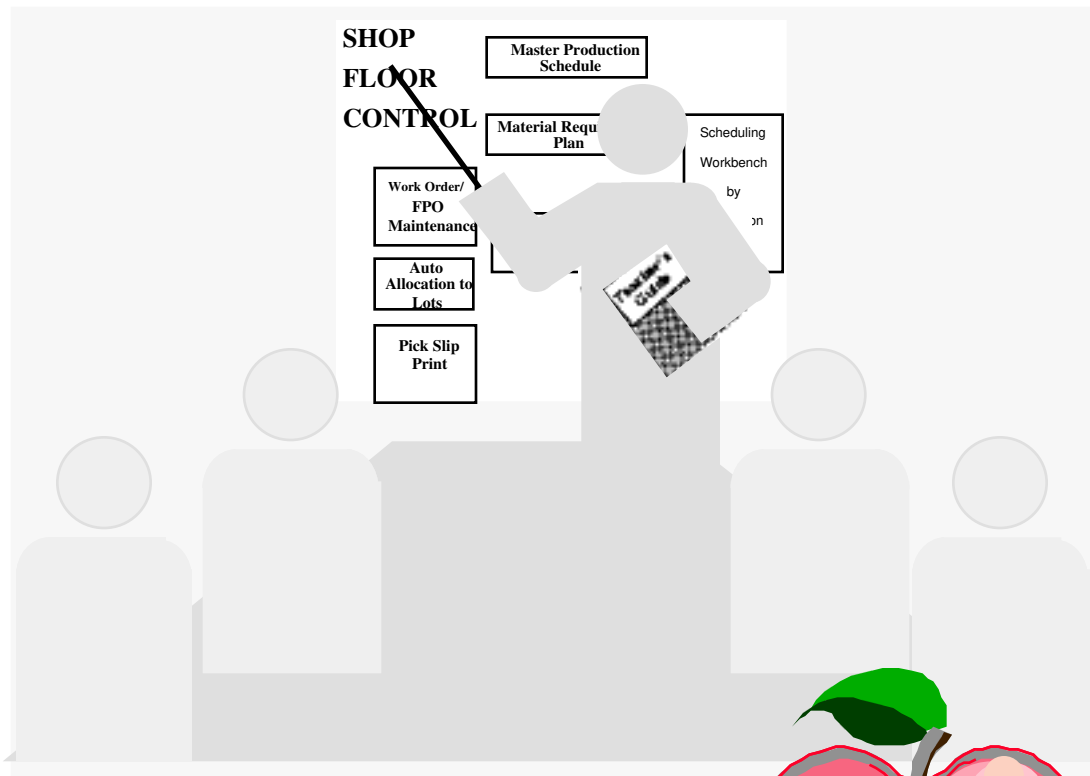
SHOP
FLOOR
CONTROL

Master Production
Schedule

Material Requirements
Plan

Scheduling
Workbench
by

Work Order/
FPO
Maintenance

Auto
Allocation to
Lots

Pick Slip
Print

# RMS/Present

# PRMS™ Version 9 Enhancements

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# Customer Order Processing

SHOP
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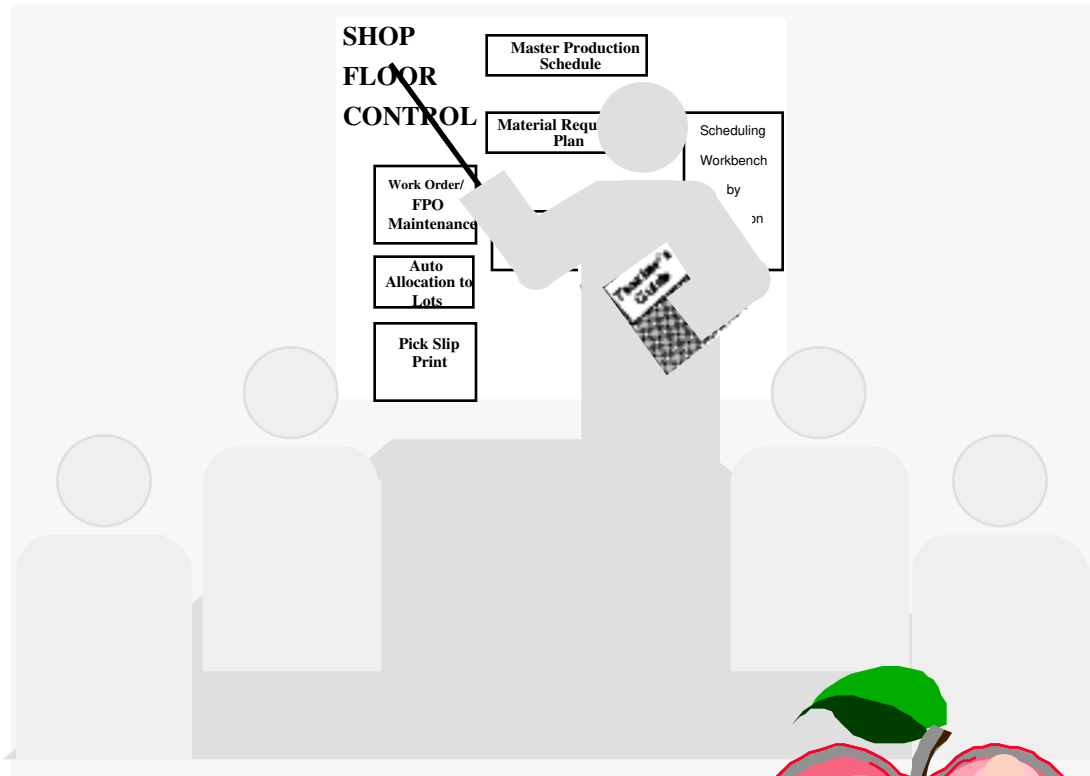
RMS/Present

# Blanket Customer Order

**9.0**

**Vendor** | **Blanket** OBBLP100 | **Number**

**Effective Dates**

**Value** or **Quantity**

**Lines** OBBLP200 **Type** **Product** **Value or Quantity**

**Lines** OBBLP200 **Type** **Product** **Value or Quantity**

**Release** OBCOP200
Product
Quantity
Req Date
Sched Date

**Release** OBCOP200
Product
Quantity
Req Date
Sched Date

**Release** OBCOP200
Product
Quantity
Req Date
Sched Date

**Release** OBCOP200
Product
Quantity
Req Date
Sched Date
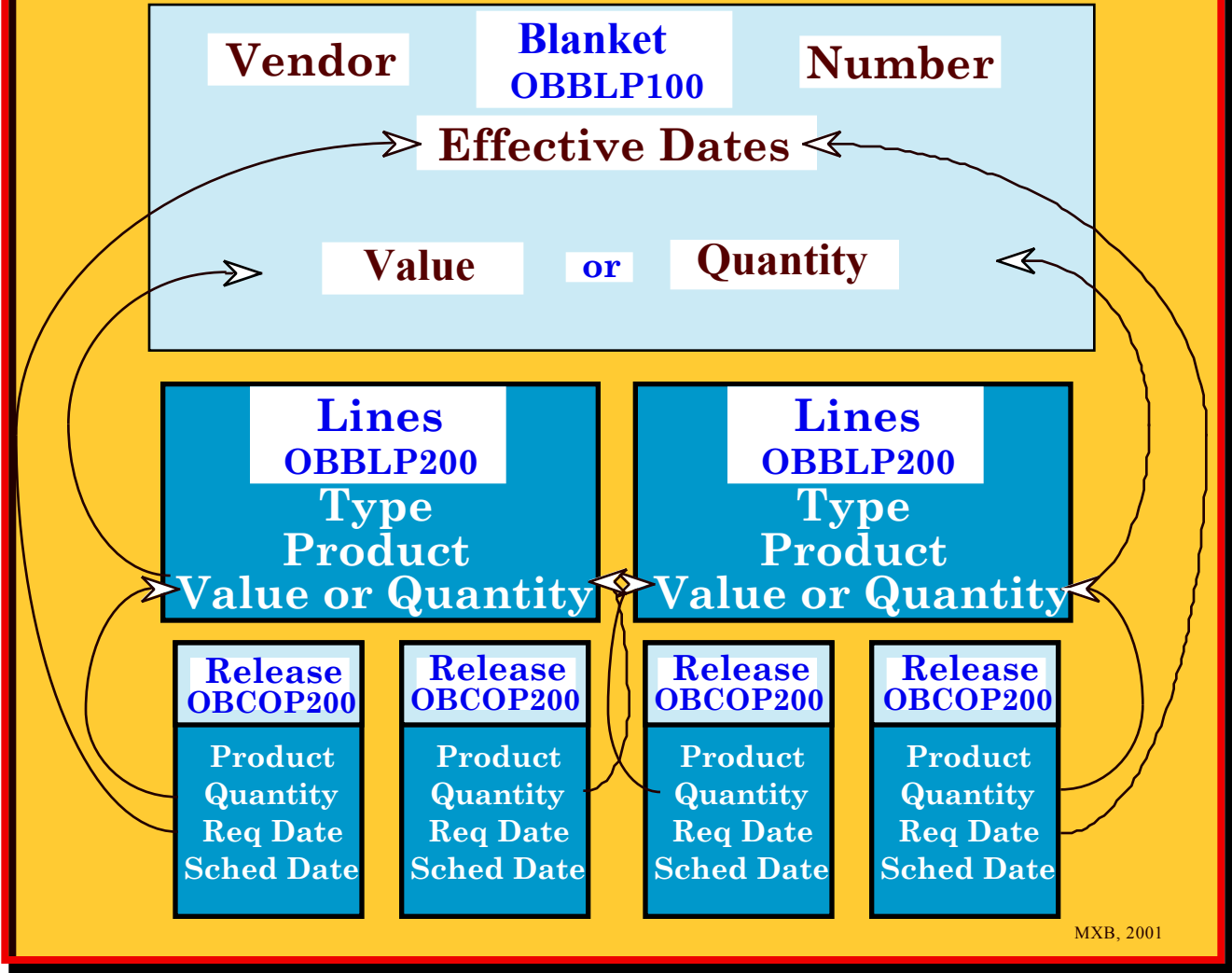
MXB, 2001

Blanket is the commitment

Lines are the products included

Releases are the specific shipment requests

```
 OB0020.02                 Customer Order Entry          11:59:07   1/26/01

        Order Number... 100574        Release Order Number

        Customer.......    333        Ship-to....     /                    N
        Home Depot                    Home Depot
        Order Date..... 1/26/01       Copy from....
        Request Date... 2/01/01       Customer P.O...
        Schedule Date.. 1/29/01       Ship-To P.O....
        Reason Code.... R1            Organization...
        Order Type..... SPR           Blanket Order Active...
        Blanket Order Closed...       Consolidate Invoice...
        Order Promo....               Line Promo.....
        F.O.P.......... N             Reprice Order.. N
        Currency Code..               Exchange Rate..     1.000000
        F.O. T.A. Set..               Trade Allowance
        Bypass T.A..... N
        Beginning Effective Date...   Ending Effective Date
         Min. Commit Qty...            Max Commit Qty...
         Min Commit Value...           Max Commit Value
        Self-Bill...                  Shipment ID...
        Salesman.......   1119        Warehouse...... 01
        ZELASKO, R.                   Naperville, IL


 ENTER=Accept      F2=Look-ups        F6=Rjct Hdr Chg    F8=Customer Text
                   F10=Expd Hdr II    F11=Cancel Order   F14=Order Text
```

## Blanket Order Active

*Processing cannot/is not performed against an inactive blanket order*

## Blanket Order Closed

*Marking (Y)es prevents additional ordering/shipping processes*

## Beginning/Ending Effective Date

*For Order/Quote, all line items in the order will default to this date.  For blankets, the requested date of the line must be within this date range*

## Min/Max Commit Quantity/Value

*The sum of the lines must be within the min/max of the quantity or value of the blanket*

## Release number added to all Order Processing functions

## Standard inquiries and reports modified to include Blanket parameters and details

# Consignment Inventory

Assets in the Consignment Warehouse are
owned by you

## Setup Points

Designation is in Warehouse Master (MS0803)

Customer/Product Maintenance (OB0817) designates
Consignment Products

Physical Inventory Programs support Cycle
Count/Physical Inventory

Inventories are not considered as "Available"

Default Order Warehouse in Ship-To Master

System Control (WCMANT/IN/IN) determines if period
demand is updated by consumption or shipments

> Consignment Stockholding Affect Demand At
> (@INADM)

System Control (WCMANT/IN/IN) determines if cost used
by Inventory Transactions (IN0021) is from (P)roduct
Master, (W)arehouse Inventory or (N)o Cost

> Cost Used in VMI Inv Trans (@INITP)

## Order Processing Points

Consignment Order Lines defaults to Zero Price

> Memorandum Invoices created for Consignment
> Order Lines

Shipment Confirmation (OB0100) places inventory in
Consignment Warehouse

Customer Sends Incoming 852 (Consumption)

Batch Order Entry creates Consumption Order

> Post Bill shipped from Consignment Warehouse

# Consignment Inventory

"Goods delivered to a merchant for sale but remaining the property of the vendor until sold" [1]

**YOUR COMPANY**

**Shipment Confirmation (OB0100)**

No In-Transit

**Consign Whse (MS0803)**

**YOUR CUSTOMER**

MXB, 2000

**VMI Transaction Adjustment (VM0600) or Inventory Transactions (IN0021)**
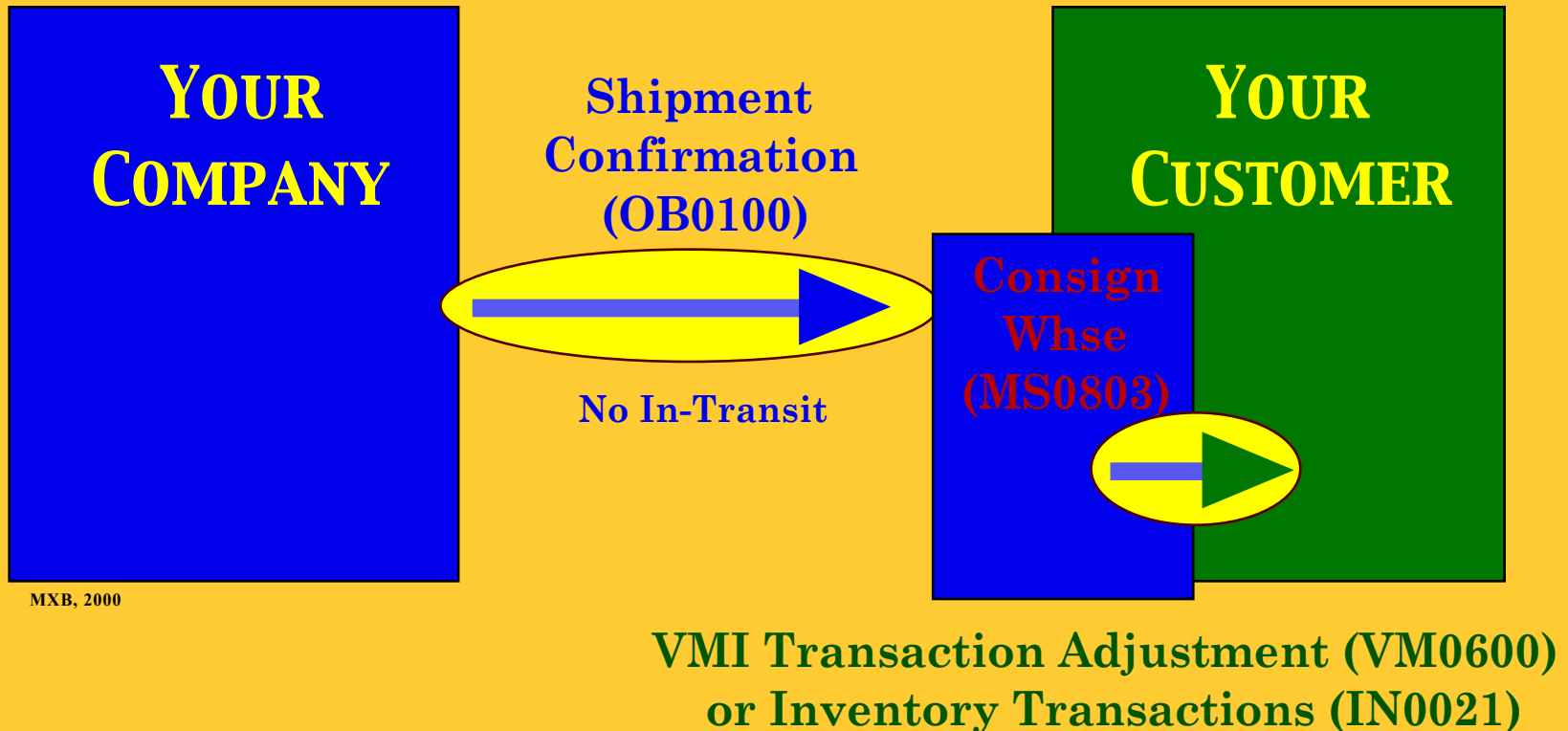
[1] The New Lexicon Webster's Dictionary of the English Language, 1989 Edition

## Consignment Inventory

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### Customer Product Maintenance (OB0817)

**Customer/Ship To** ☐☐  ☐☐

**Customer Product** ☐☐☐☐

**Product Number** ☐☐☐☐

**Print On**

☐ Acknowledgement ☐ DR/CR Memo

☐ Invoices ☐ Label Authorization

☐ Packing List

| | | | |
|---|---|---|---|
| **Default Order U/M** | ☐ | **Parcel Type** | ☐ |
| **Consignment Product** | ☐ | **Product per Parcel** | ☐ |
| **Consignment/VMI Whse** | ☐ | **VMI Product** | ☐ |
| **Part Application Code** | ☐ | **Export Tariff Class** | ☐ |
| **Freight/Insurance in Price** | ☐ | **Mfg. Location** | ☐ |
| **Origination Program 2** | ☐ | **Shipping Location** | ☐ |
| **Cntry Lgst Value Added** | ☐ | **PO/Contract #** | ☐ |
| **Qualification Begin Date** | ☐ | **Qualification End Date** | ☐ |

**Customer UPC Code** ☐

# Vendor Managed Inventory

## Planning and executing the replenishment of your customer's inventory

**YOUR COMPANY**

**YOUR CUSTOMER**

Shipment Confirmation (OB0100)

No In-Transit

VMI Whse

Consign Whse (MS0803)

Batch Order Entry

MXB, 2000

VMI Transaction Adjustment (VM0600) or Inventory Transactions (IN0021)

VMI PCO's/Order Point ← VMI Generation ← VMI Forecasts
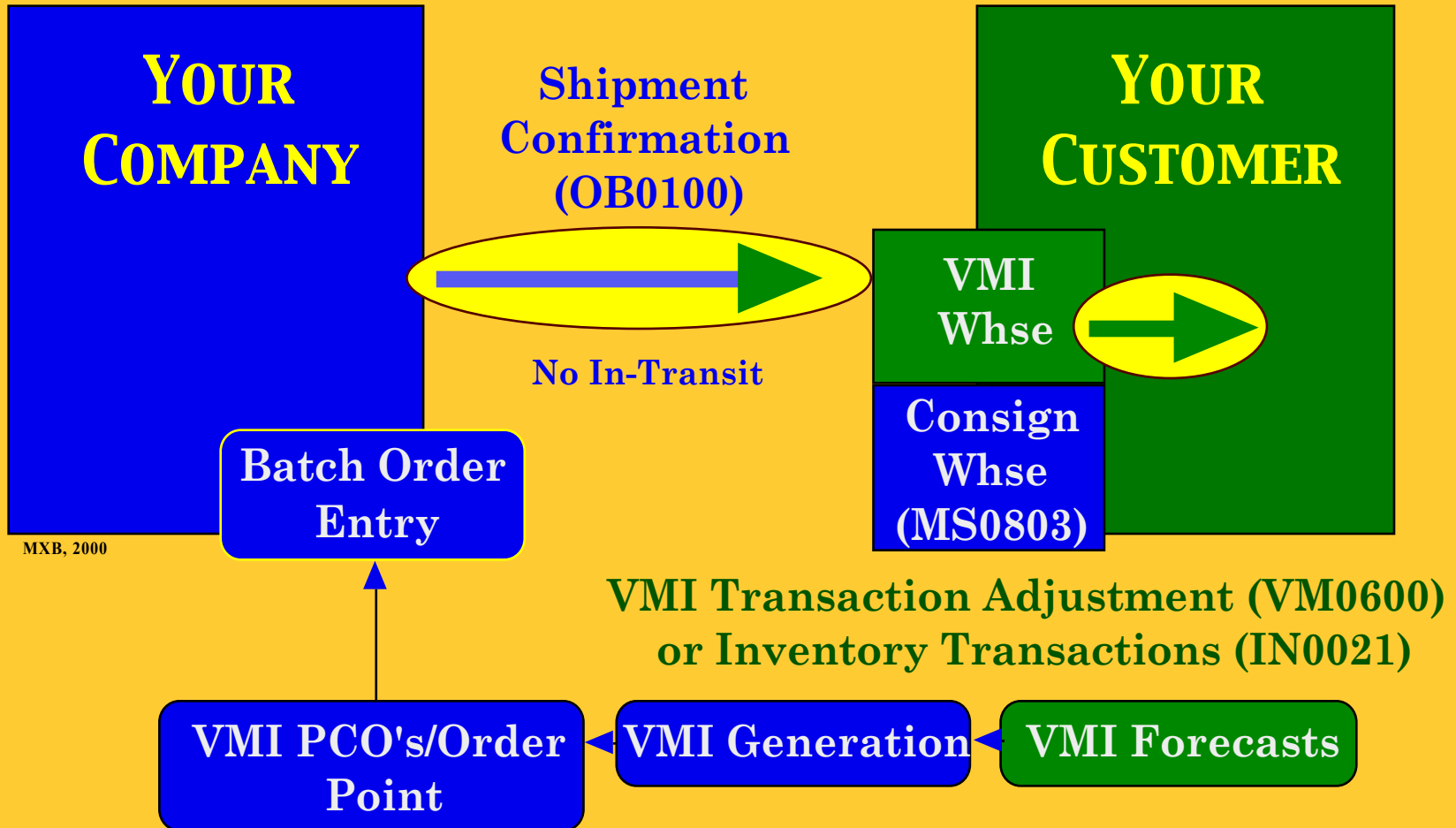
# Vendor Managed Inventory

VMI Inventories are owned by the Customer

Replenishment is Planned and Executed by You (the Vendor)

**Planned Customer Orders are generated for review and creation via Batch Order Entry**

**Designation is in Warehouse Master** (MS0803)

**Physical Inventory Programs support Cycle Count/Physical Inventory**

**Inventories are not considered as "Available"**

**Default Order Warehouse in Ship-To Master**

**Uses DRP processing logic to determine requirements**

_____

_____

_____

_____

# Vendor Managed Inventory

## Inventory Processing Tools

### VMI INVENTORY TRANSACTION ADJUSTMENT (VM0600)

*Creates PRMS transactions from data in file VMIAP200*

### TYPES OF TRANSACTIONS (ONLY)

QA - On Hand

a) Determines variance to current balance
b) Posts transaction for variance quantity with offset to Accounting Adjustment Warehouse
c) Creates record in VMI Inventory Customer Variance file (VMPIP100) for tracking through physical inventory count adjustment, posting and write-off

QS - Sale

QT - Adjustments

QU - Returns

### VMI/CONSIGNMENT PRODUCT INQUIRY (IN0010)

*Limited view version of Product Inquiry (IN0008)*

### VMI/CONSIGNMENT WAREHOUSE INVENTORY REPORT (IN0140)

*Stock Status by Warehouse, Customer/Ship To, VMI/Consignment or both*

# Vendor Managed Inventory

## Inventory Adjustment Processing

### CONSIGNMENT/VMI WAREHOUSE DISCREPANCY VALUATION (IN0675)

*Report of records in inventory variance file (VMPIP100)*

### VMI/CONSIGNMENT ACCOUNTING WAREHOUSE WRITE-OFF (IN0687/IN0694)

*Creates transactions to move count variances from the Accounting Warehouse and charge a G/L*

### VMI VARIANCE FILE PURGE (IN0692)

*Purges variance quantities from inventory variance file*

# VMI Process Flow

**EDI 830 Message**

**Forecast Transfer (IM0600)**

**VMI Fcst Maint. (VM0100)**

**VMI Fcst Generation (VM0010)**

## VMI Forecast File
### VMFCP100

**VMI Generaton (VM0060)**

**VMI Planned Order Review (VM0210)**

**Order Point**    **Planned Customer Orders**

**Batch Order Entry**

**Order Entry (OB0020)**

## VMI Order Lines
### OBCOP200

**EDI 852 Message**

**Shipment Confirmation (OB0100)**

**Inventory Transactions (IN0021)**

**VMI Trans. Adjustment (VM0600)**

## VMI Inventory
### INWIP100

MXB, 1999

# Vendor Managed Inventory

## VMI Forecast Generation (VM0010)

**Transfers shipment forecasts from Customer Sales Forecast Files** (OBCWP100/200) **to VMI Forecast File** (VMFCP100)

## VMI Forecast Maintenance (VM0100)

**Add or maintain forecasts in VMI Forecast File** (VMFCP100)

### SELECTIONS
> Product
>
> Warehouse or Customer/Ship To

## VMI Forecast Inquiry (VM0110)

**On line inquiry of VMI Forecasts**

### SELECTIONS
> Product
>
> Warehouse or Customer/Ship To

## VMI Forecast Report (VM0120)

**Report of VMI Forecasts**

### SELECTIONS
> Warehouse or Customer/Ship To
>
> Date Range

# Vendor Managed Inventory

## VMI Forecast Purge (VM0140)

### Moves forecasts from VMI Forecast File (VMFCP100) to VMI Forecast History File (VMFCP10H)

### SELECTIONS

Warehouse or Customer/Ship To

## VMI Generation (VM0060)

*Calculates VMI Suggested Orders and Exception Messages based on Forecasts, Customer Orders, Inventory and Lot Sizing*

### RUN OPTIONS

Upper Date

VMI Warehouse or Customer/Ship To

### DEMAND SOURCE RULES (SYS CNTL, PRODUCT, WHSE INV)

1 - Actual Forecasts

2 - Smoothed Forecasts

### EXCEPTION MESSAGES

POR Below Minimum

POR Above Maximum

On Hand Below Safety Stock

On Hand Negative

Excess Inventory Exists

Past Due Scheduled Customer Orders

No Activity

Only Portion Needed by Specified Date

# Vendor Managed Inventory

## VMI Inquiry/Pegging (VM0088)

### On line inquiry of VMI Generation details

#### SELECTIONS

Product
Warehouse or Customer/Ship To
Type of Inquiry

## VMI Generation Report (VM0080)

### Report of VMI Generation details

#### SELECTIONS

Product
Warehouse or Customer/Ship To
Type of Inquiry

## VMI Planned Order Review (VM0210)

### Browse and Select/Combine VMI Planned Orders and VMI Order Point items and submit to Batch Customer Order Create

#### SELECTION

Planned Orders or Order Point
Product
VMI Warehouse or Customer/Ship To
VMI Planner ID

# Vendor Managed Inventory

Suggested Order Replenish **(VM0090)**

## Print of VMI Suggested Orders

### SELECTIONS

Sequence - Product or Release Date
Warehouse or Customer/Ship To
Upper Limit Release Date

# Returned Goods Processing

## RGA's record, approve and track the return prior to your receipt

## Credit/Debit Memo Entry re-written to 8+ standards

## Memo Type of Credit, Debit, or RGA

## RGA's use Approval Levels by User ID

## RGA's are Received Through Dock to Stock

## Restocking Charges supported for both RGA's and Credit/Debit Memos

## RGA Product ID allows receipt as Different Number than shipped

Set in Product Master

## Labels and Authorization Letters supported for RGA's

## RGA Line Status

Open **(10)**, Approved **(20)**, Received **(30)**, Credited **(40)**, No Credit **(50)**

## Valid Line Types

Regular, Non-Standard, Special Charge, Text, Kit, Bundle, Component

# RGA-C/D Memo Process

## RGA's

## Credit/Debit Memos

**RGA Authorized Users (OB0475)**

**RGA-C/D Memo Entry (OB0415)**

**Labels & Authorization Print (OB0480)**

**C/D Memo Edit Print (OB0430)**

**RGA Receipts (PO0410/OB0410)**

**RGA-C/D Inquiry (OB0470)**

**Open C/D Memo Report (OB0450)**

**Disposition Update (PO0420)**

**RGA Receipts Maintenenance (OB0425)**

**RGA-C/D Memo Print (OB0460)**

**RGA C/D Memo Generation (OB0490)**

**RGA-C/D Memo Re-Print (OB0440)**

**Open RGA Memos Report (OB0455)**

**C/D Memo Register (OB0465)**

MXB, 1999

# Returned Goods Processing

## RGA Authorized Users **(OB0475)**

### Used by RGA/C/D Memo Entry to authorize the Amount of the Memo

Approval ID **(User Profile)**

Name

Approval Amount **(Domestic Currency)**

## Memo Code Maintenance **(OB0807)**

### Restocking Charge Amount Added

Percent of Original Invoice Amount or

Stated Amount

# Returned Goods Processing

## Product Master Maintenance (MS0825)

### OK TO PAY

*Credit Memo Generation (OB0490) will create Credit Memos for items that have been received and are OK to pay.*

### RESTOCKING CHARGES

*Value of restock charges, updated at RGA Receipt (OB0410) time. May be overridden at Warehouse Inventory and RGA Order level.*

### RESTOCKING PERCENT

*Percent of original order line value for restock charges, updated at RGA Receipt (OB0410) time. May be overridden at Warehouse Inventory and RGA Order level.*

### RECLASSIFY ON RECEIPT

*When a return is received, the product number may be changed. This permits a product structure relationship to manage the rework/refurb process.*

### RGA PRODUCT ID

*If the product number is changed (re-classified), change to this number.*

# Returned Goods Processing

RGA/C/D Memo Entry (OB0415)

**Types - (C)**redit**, (D)**ebit**, (R)**GA

**Order Lines for including may be browsed, selected from Customer Order Number or Invoice**

**Credit Invoice** (Y) **will credit original invoice**

**Combine Shipments** (Y) **will combine multiple original shipments into single RGA line**

**Mail Memo** (Y) **will print Memos** (OB0480) **and Invoices**

**Approval ID Checked against RGA Authorized Users** (OB0475) **for Amount and User Profile**

# Returned Goods Processing

## RGA-C/D Inquiry (OB0470)

*On line inquiry*

### Run Selection

Memo #, Memo Invoice #, Customer #, Order/Rel. #, Memo
Status (Open, Approved, Closed)

### Output

| | |
|---|---|
| Memo Qty | Memo Price |
| Inv. Qty | Memo Cost |
| Order Qty | Price Sold |
| Ship Qty | Order Cost |
| Restock % | Restock Amount |
| Line Status | |

## Labels & Authorization Print (OB0480)

## Prints Labels and/or Authorization Letters for Memos

### SELECTION

From and To Memo Number
Print Labels **(Y,N)**
Print Authorizations **(Y,N)**

# Returned Goods Processing

## RGA Receipts (OB0410)

### Uses Dock to Stock like any other receipt

### Called from within Receipt Entry (PO0410)

Receipts Source - 2

### Select by Customer Number or RGA Number

### Supports Receipt Adjustments

### Reclassify (Y,N)

Whether to receive as the product number on the RGA line or as the RGA Product ID (product master)

### Generates Receiver for further movement

## Disposition Update (PO0420)

### Used to Move Receiver for RGA through the Dock to Stock Path

### Just like any other Disposition Update for Received Goods

# Returned Goods Processing

## RGA Receipts Maint. (OB0425)

### Allows maintenance of RGA Receipts prior to Credit/Debit Memo Creation via RGA Credit Memo Generation (OB0490)

Release or Hold for Payment

Mark Complete or Not Complete

Modify Restocking Charges

### SELECTION

Customer #, Product ID, Receipt #, RGA Memo #, Original Order/Release, Original Invoice #, Beginning Receipt Date

# Returned Goods Processing

## RGA C/D Memo Generation (OB0490)

### Creates Credit Memos for Receipts that are 'OK to Pay'

If total credit memo quantity equals quantity authorized, ok to pay flag updated to 'Y'

## Open RGA Memos Report (OB0455)

### SELECTION

Memo Status - Open, Approved, Closed

Memo From/To #

Customer From/To #

Report Currency

# Pricing Mass Maintenance

## Product List Price Maintenance (OB0821)

### One product at a time, enter effective date and list price

*Replaces List Price (and as Option) in Product Master (MS0825)*

## Global List Price Maintenance (OB0822)

### Apply pricing changes on selection set

*Multiple pricing requests may be run and saved prior to update*

#### SET SELECTION

Target Fields - Product, Alpha Code, Effective Date
Tests - EQ, GE, GT, LE, LT, NE, WC (wildcard), WN (wildcard not)

#### ADJUSTMENT OPTIONS - LIST PRICE

Percent of List Price
Amount plus or minus current List Price
Percent of Standard Cost
New Price entry

#### ADJUSTMENT OPTIONS - EFFECTIVE DATE

Calendar Days (from Basis Date)
Enter Effective Date

# Pricing Mass Maintenance

## Global Contract Price Maintenance (OB0827)

### SET SELECTION

Target Fields - Beginning/Ending Date, Product,
Customer/Product Discount Code, Contract Price Level,
U/M, Qty/Ext., Price/Multiplier, Currency Code, Promo
ID

Tests - EQ, GE, GT, LE, LT, NE, WC, WN

### ADJUSTMENT OPTIONS - PRICE

Percentage

Amount plus or minus

Percent of Standard Cost

New Price entry

### ADJUSTMENT OPTIONS - DATES

New Beginning Date

New Ending Date

Days to Adjust Beginning Date

Days to Adjust Ending Date

Beg Date=End Date Minus # Days

Days to Remain Active

### ADJUSTMENT OPTIONS - QUANTITY/EXTENSION

Amount

New Quantity/Extension

Percent of Quantity/Extension

### ADJUSTMENT OPTIONS - PRICE/MULTIPLIERS

Amount

New Quantity/Extension

Percent of Quantity/Extension

# Pricing Mass Maintenance

## Price Rounding Maintenance (OB0834)

### Used by Batch Pricing Programs (Global List Price/Contract Maintenance) to Control End Amount Results

### BY CURRENCY CODE

Beginning Amount
Ending Amount
Round To Amount
Round Option - Up, Down, Nearest

# Sales Commission Extract [9.1]

## Bare bones sales commission calculation and extract programs

Sales Commission Rate File (OB0841)(OBCNP100)

*Defines Commissions for extraction and reporting, override to product master*

Region
Salesperson Number
Customer Number
Product Class
Commission Rate
Invoice Date (From/To)

Commission Extract (OB0240)[9.1]

*Calculates commissions and updates file. Run for period of dates.*

Commission Extract Maint. (OB0241)[9.1]

*Allows maintenance of commission file*

Commission Report (OB0242)[9.1]

*Reports contents of commission file*

Commission History Report (OB0243)[9.1]

*Reports contents of historical commission file*

## System Control determines if Sales are based on Invoices or Receivables

## Miscellaneous

Multiple Ship To's on Customer Order

### Ship To on the Order Line

### Each Ship To Line can be processed separately

*Separate Picks and Shipments*

*Default Order Warehouse specified on Ship To Master*

### User Profile Authority to Create Ship To's from within Order Entry (OB0020)

### Contact Name, Telephone and Fax added to File (OBSTP100)

### Ship To Detail Inquiry (OB0840)

*Called from Order Inquiry (OB0005) or Action Code SI from Order Entry (OB0020)*

### Order Process Selection Enhancements

Pick Slip Release (OB0075) - Select by Order, Records Released by Ship To

Pick Slip Print (OB0080) - Select and print by Ship To and All Ship To's

Batch Pulling (OB0085) - Records for Selection by Ship To

Shipment Confirmation (OB0100) - Select and Process by Ship To and Ship To Zero

## Miscellaneous

| Multiple Invoice Releases |

**Invoice Release** <span style="color:red">(OB0112)</span> **sets line status to 'Entered' for all Backorders**

**Allows Immediate Re-processing of order**

| Output Queue in Warehouse Master for Data Queue Processes |

*Immediate Pick Slip Print*

*Packing List Print*

*Immediate Invoice Print*

| Packaging and Labeling |

**Provides data for Shipping and Compliance labels**

Default Formats defined in "Mark Magic"

Interfaces for Packs and Pallets in Shipment Confirmation and Returned Goods Processing

Writer and Output Queue set in User Profile Maintenance, Workstation Master

Assigns Parcel Number and Pick Control number to Pack or Pallet

## Miscellaneous

### Order Inquiry (OB0005) [9.1]

## Updates to Select and Display options

Order lists in descending order

Search options - (F18)

Customer/PO Number

PO Number

Customer/Product Number

Customer/Customer Product Number

Freight, Tax and Total amounts added

Option field processing for detail

### Customer Number/Invoice Number [9.1]

## Changed from 6,0 to 10,0

### KWIC Search Alternate View (F10) [9.1]

***Expanded view of address information***

City

Customer Name

State

Phone

Postal Code

### Next Customer Number/Ship-To Number [9.1]

***Auto assignation of new customer master and ship-to master numbers***

System Control (OBCUST)

### Product Master Ship From Warehouse [9.1]

Provides ship from warehouse on Customer Order.  Overrides customer master and ship-to master.

## Miscellaneous

Printed Address Formats (MS0895/MS0896) [9.1]

**Allows specification of Printed Address Format by State Code**

**Allows parsing of printed address line to include multiple fields**

**Used by;**

Customer Acknowledgements (OB0041)

Pick Slip Print (OB0080)

Packing Slip Print (OB0105)

Invoice Print/Reprint (OB0145/OB0146)

BOL Print (OB0110)

Consolidated Invoice Print/Reprint (OB0205)

# Miscellaneous

## Address Format Maintenance (MS0896) [9.1]

### Where "Format" Codes are defined (MSAFP100)

*To be assigned to State Code in State/Address Format Relationship (MS0895)*

Format Code - three character alphanumeric

Description - thirty character alphanumeric

*Address Line*

| Address Line | | | | | |
|---|---|---|---|---|---|
| Line 1 (25A) | NM1 | | | | |
| 2 (25A) | AD1 | XXX | AD2 | | |
| 3 (25A) | CTY | X | STC | XX | ZPC |
| 4 (25A) | Australia | | | | |
| 5 (30A) | | | | | |
| 6 (40A) | | | | | |
| 7 (40A) | | | | | |

*Keywords*

NM1 = Name     AD1 = Address 1     AD2 = Address 2     AD3 = Address 3
CTY = City       STC = State          ZPC = Zip Code     Blank fill character "**X**"

*Enter Keyword, Blank Fill Character, or up to 15 Characters*

*Value retrieved dependent on which file is used by specific print program*

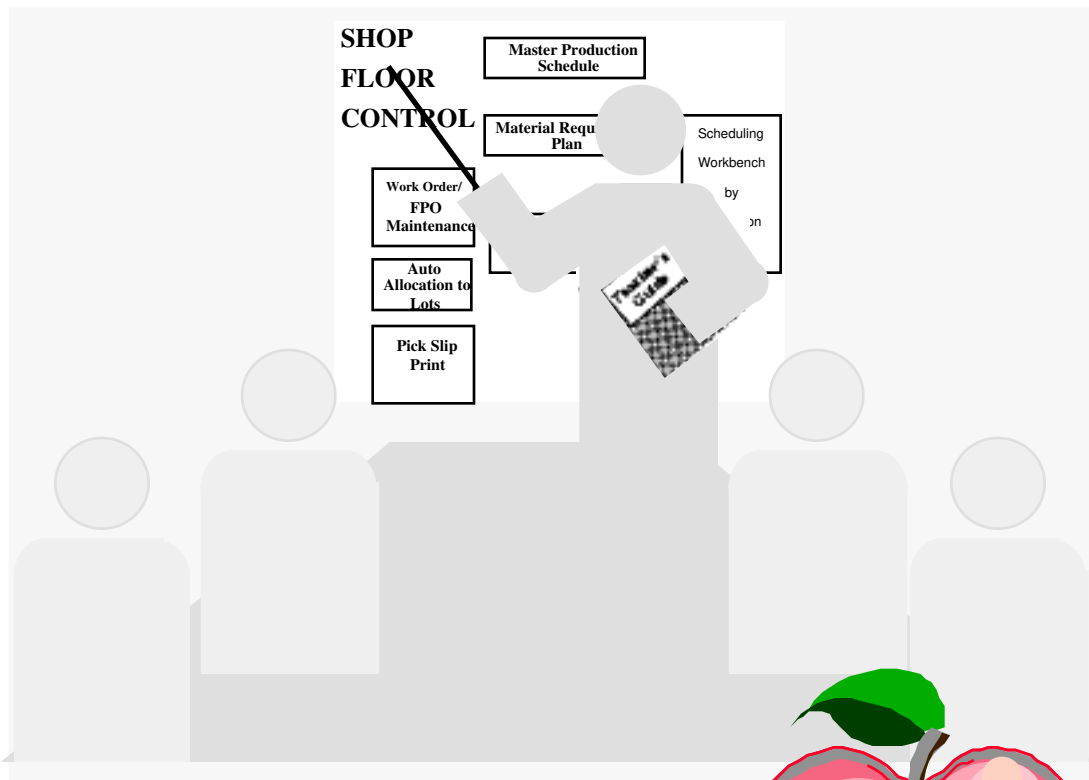## State/Address Format Relationship (MS0895) [9.1]

### Where "Format" Codes are assigned to a State Code (MSAFP200)

State
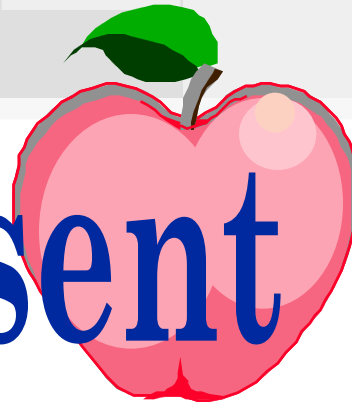
Format Code

# Financial Enhancements



RMS/Present

# Accounts Payable

**AP/PO Matching** – Filter for Fully Matched Invoices

*Narrows selection to match in Transaction Entry (AP0013)*

## SYSTEM CONTROL

Quantity

Qty Billed GE Qty Received

Monetary

Value Billed = Value Received

**AP/PO Matching** – Auto update on hold status

*When moved from not ok to pay disposition to ok to pay disposition*

**AP/PO Matching** – Match Services PO without receiver

**AP/PO Matching** -  asset or expense number "available" in fold screen