

pc/MRP NEWS

pc/MRP RELEASES 9.40 VERSION

July 2019

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Internet: www.pcmrp.com

**Effectivity Date
End Date**

Item	Type	Part Number	Part Description	Quantity
1	P	000000001	BEARING, 3" OD x 1" ID	1.0000

BOM Component Item Edit screen

Item # 1 BOM Qty 1.0000

Part # 000000001 Type Part

Description BEARING, 3" OD x 1" ID

Manufacturer 1match/ven good fuzTest

Model # 111-0102-001

Unit EACH

Effective Date Start / / End 06/19/2019

Ave Cost 10.000000

Std Cost 10.000000

Last PO Cost 6.000000

Alternate Part #s

Staging Bin

Delete

This part WILL NOT be issued to sales or work orders on or after 06/19/2019.

You must edit other BOMs with this part number to block this part from being issued to other BOMs. Mark the part as Obsolete if you want pc/MRP to issue a warning when doing a stockroom L type issue for this part.

With pc/MRP Versions 9.36A and Higher, each BOM item record contain a Start Date (sdate) and an End Date (edate) Date Fields.

pc/MRP's Inf Bucket Module schedules the items to be bought and made based on date to be issued.

Display / Print a BOM as per its make up as per current, past or future date.

If you do not want to use this feature, leave the start date and end date fields blank and pc/MRP will treat all items as current and valid as it has in the past.

New – BOM Start, Stop Effective Dates

pc/MRP's BOM Module will now allows users to Display / Print BOMs as per its make up as per the current, past or future date. The Infinite Bucket Module will now schedule the items to be bought and made based on the date they are to be issued. The stockroom's Issue to Mfg and Check Availability Options will issue parts that are in effect as per the current date.

Ordering Information for Update

Companies who are currently on a support contract can update for **FREE**. Those not on a support contract can update to version 9.40 for \$845.00. This includes 1 year of technical support (6-hour cap). Companies whose support contract has been expired for more than 1 year will be charged an additional \$200.00 for each year skipped up to a maximum of \$1,500 for a new support contract.

To order the update call Software Arts 408-226-7321.

New – Source of Issue Column added to pc/MRP's Main Infinite Bucket Reports

Infinite Bucket Report All Action Items Sorted by Sales/Work Order Number

Source Column Version 9.36A

PO 000004 for 10,000 spokes is the responsibility of Sales Order 000101

Issue 120 bearings to sales order 000101 (source = PO 000004)

Issue 120 bearings to sales order 000101 (source = PO 000004)

Prior to version 9.36, pc/MRP would show an Issue of 600 bearings to sales order 000102 but not the source of the Issue (PO 000004-001). If there were no bearings currently onhand, the user might question where the bearings were going to come from.

Prior to version 9.36, pc/MRP would show an Issue of 600 bearings to sales order 000102 but not the source of the Issue (PO 000004-001). If there were no bearings currently onhand, the user might question where the bearings were going to come from. If there were a work order for 1000 sub-assys, pc/MRP's Source Column would list the Work Order # and qty to be issue to each sales order.

New – Status Drop Down List Box

Entering a Sales Order

Sales Order Status, Use Option 52 to create list, C(36), Version 9.34A

Both currencies displayed on sales order. Requires Alternate Currency Module

Enter new credit card number if applicable

Enter Customer's PO CustPoNo C(16)

Used by MRP, Option 91, ISO 9000 and Overdue Sales Reports (DateReq C10)

Enter the quantity. The Sale Price will be updated automatically, if there is a price/quantity break.

Enter Tax, Freight, and Discount if applicable.

Checking Hold will not allow an invoice to be created. Only visible for Order Entry Sales Orders.

Date due to arrive at customer's site (ReqArrDate D)

Turns red if overwritten by addbook 8.94A

A user definable (Option 52) Status Drop Down List Box has been added to sales orders, Invoices, and Sales Quotes. A poor mans router??

New – Attach multiple documents to Emailed Purchase Orders, Invoices, Etc.

Sales Order Print Single

1. Click on the Scroll Button and enter part of the sales order number you wish to print out or display.

2. Select Display, Print, Email as PDF, PDF, Email as HTML File, or HTML File

3. Select Standard or Custom

4. Press OK

Added the option to merge PDF and Image Files into your PDF sales order. Must use Acrobat to see image attachments. (Version 9.34A and higher)

If you log in with your user name and check Save Settings pc/MRP will save your settings.

Standard Sales Form = Sales Inv., Custom Sales Form = CSO* Inv Use Settings and Utilities, Option 24 to create a Custom Sales Form

Sales reports and forms automatically have a set ribbon into the Pdfmarket dbf, Partvendr dbf, and Addrbook dbf in pcMRP.

Users can now attach multiple documents to Emailed Purchase Orders, Sales Orders, Invoices, Sales Quotes, Etc.

New – Optional \$430.00 Dashboard Module

pc/MRP's Optional Executive Dashboard Module Overview

Select Sales, Invoices, or Gross Margins

RAD TECH

Sales / Booking (Part Number): '00000011,00000010'

Tool Tip \$172,000.00

Dashboard Features: Password Protected, Sales/Bookings, Invoices/Billings, Margins, By Customer, By Part Number, By Salesman, By Territory, By Region, Year/Month/Qu, Time Period, Donut/Bar Chart

Display Print PDF Save to Image

Quickly get a visual picture of your Sales (Bookings), Invoices (Billings), and or Gross Margin Trends. This can be By Customer, By Part Number, By Salesman, By Territory, or By Region. This can be For a Year, For a Quarter, For a Month, or For a Specified Time Period. This can be Displayed/Printed/PDF in a Bar Chart or a Donut Layout. This module can be password protected with pc/MRP's Password Module

New – Separation of Sales and Work Orders

Click Save Settings to save your lookup preferences. 9.13A or higher will also save the column order and widths.

Selecting an Indexed Search allows users to search on indexed fields (very fast).

1. Select your lookup sort Document (SO) Number, Part Number, Account Number, Model Number.

Selecting a Queried Search allows users to build, run, save and load queries based on any and all fields in the Sales Table.

2. Enter characters to search on.

3. Click on Search.

Both Open and Closed Open Records Only Closed Records Only

Switch between Display or Not Display Color Coded Line Items.

Users with Edit Rights or higher can select Edit. Pressing Save Settings will make Edit the default mode.

4. Click OK to edit or view the record.

Right Click the Color Code Button to display the color codes. Sales order fully received back but not invoiced - color code available 8.75 and above.

Click on the MRP Overview Tab to get a quick look at the critical MRP information on the part number.

City in stock as per the End Date.

Right Click on the Grid Header, Show Color Legend.

Sales/Work order has been issued to WIP.

Action Item needs to be Reviewed.

Edit and Scroll sales orders will show only the sales orders. Edit and Scroll work orders will only show work orders. (DoNotSeparateSOWO.flg file will show both.)

New – Improved Optional ECN Module.

Auto Inserted (EcnNo C6)

Auto Inserted (PartNo C31)

Auto Inserted (Descript C35)

Auto Inserted (ItemNo C2)

Auto Inserted (EcnData C10)

Auto Inserted (FromRev C3)

Auto Inserted (ToRev C9)

1. Scroll to get Part Number.

Lookup Customer (AccountNo C9)

Ref Only (FromBom C31) (ToBom C31)

(Type C10) (Status C15) (Date C2)

3. Enter Effective Date Ref Only (EffectDate D)

2. Enter Change (Change M)

4. Enter Orig (Orig C25)

5. Enter Appr (Approved C40)

Create a Part Number on the fly.

Store a related document.

(CustName C41)

(CustagDate D) (CusECO C15)

Where Used auto inserted into ECN
 Affected Open Orders auto inserted into ECN
 Autorolls the part's/Sub-Assembly's Rev Levels
 Email users requesting their approval
 Insert digital approval signatures
 Unlimited links to related documents per ECN
 Option to create a part on the fly
 Effectivity Date (Reference Only)
 Unlimited Description, Reason, History, Where Used Fields

New – MRP Overview Tab

Inventory Data Entry Screen MRP Overview Tab Version 9.33C

Part # 000000001 Type Part - Inventory

Description BEARING, 3" OD x 1" ID

Click on the MRP Overview Tab to get a quick look at the critical MRP information on the part number.

Start	End	Action	Qty	City	Order - Line	Alloc	Net	Top Assy
11/17/2019	12/2/2019	ONHAND	0.000			0.000	0.000	
06/27/2019	06/27/2019	SALE	1.000	SG	000103-0001	1.000	-1.000	000000001
06/27/2019	06/27/2019	BUY	14.000	SG	000103-0001	14.000	13.000	000000011
06/29/2019	06/29/2019	ISSUE	14.000	SG	000103-0001	14.000	-1.000	000000011
06/17/2019	06/29/2019	PO	2.000	PO	000103-0001	0.000	1.000	
06/25/2019	07/02/2019	BUY	7.000	SG	000103-0001	7.000	6.000	000000010
07/02/2019	07/02/2019	ISSUE	1.000	SG	000103-0001	0.000	7.000	000000010
07/02/2019	07/02/2019	ISSUE	7.000	SG	000103-0001	7.000	0.000	000000010

Right Click on the Grid Header, Show Color Legend.

Sales/Work order has been issued to WIP.

Action Item needs to be Reviewed.

Editing a part and clicking on the MRP Overview Tab will display all of the critical MRP Information for that part in this one page in the Inventory Screen.

pc/MRP VERSION 9.40 NEW FEATURES

- 9.31A DoNotUpdateShipped.flg will stop invoice from updating sales date shipped
- 9.31B Sales Order Edit Scroll Window will display only Sales Orders.
Work Order Edit Scroll Window will display only Work Orders.
- 9.32A Major Enhancement to the ECN Module
- 9.32B Identify inventory adjust method when generating an inventory movement report.
Update on order qty when users manually put a Y in the complete field of the PO.
Added sort/group by month option to Sales/Invoice reports.
Physical Inventory History report now supports EFX output templates
Enhancement for part image picker, now default now JPG image it was BMP
- 9.33A Added Block Creation of PO Checkbox to Inventory Parts Data Entry Screen
Added Block Creation of Sales Order Checkbox to Inventory Screen
- 9.33B Fixed timeout issue involving scheduled task's admin lockout.
Created fast Alpha-Numeric method to incr stock records (1.29 Billion Records)
Added a MRP Overview tab to the inventory screen.
- 9.33C Quickbook accounts now appear on the MRP Overview tab of the inventory screen.
Added Drop Down Status List to sales quotes, sales and work orders
Added Certification Request Option in the purchase order module
Added dashboard, provides snapshot of Sales, Invoices, Profit Margins
Auto checked the certification fields selected in the PO
If invoice not posted, no longer displays invoice date on AR Summary
Added RoHS Required field and checkbox to partmast
- 9.36A Added Effectivity Dates for BOM Components (view makeup of a BOM as per Date)
Added Source Col for Issue and Sale Action
Items (Source=Onhand, PO#, WO#, Buy, Make)
Added a Pop Up Data Picker for all date fields
Added color indicators to the MRP Overview grid on the Inventory screen.
The scroll dialog now supports the display of MEMO field data.
Identify color indicators to the Part Status button's Where Used option
Received Quantity and PO Unit now displays in the receiver scroll dialog
Added date and time on the Stkmovolog.frx form

pc/MRP Optional QuickBooks Interface Module \$430.00

pc/MRP's QuickBooks Interface module exports all open invoice and receivers to QuickBooks. It posts the initial AP and AR entries into QuickBooks and eliminates double entry for those companies using QuickBooks as their accounting module.

QuickBooks Export Overview

- Export Invoice records
- Export Receiver records (Bills)
- Reports
- Update the cached QB data files
 - Update the Accounts List
 - Update the Part Item List
- Set Exporter Default Settings

Callout Boxes:

- pc/MRP's QuickBooks Interface Module allows companies to implement a major MRP System and continue to use QuickBooks for accounting.
- Export all open Invoices, related customers, and parts to QuickBooks
- Export all open Receivers, related vendors, and parts to QuickBooks
- Print/Display Next and Prior Export Reports
- Set up the initial interface between pc/MRP and QuickBooks.

Note: pc/MRP integrates with the Desktop version of QuickBooks, and not with the Online version. US version only.

No more double entry of data invoices, receivers, vendors, parts, etc. Manage large indented Bills of Materials (up to 100 levels deep) Infinite Bucket MRP provides automatic scheduling of factory floor. Stockroom Module can issue Parts to Mfg and Receive back Assys Hundreds of users can enter, edit, display, print data simultaneously Optional Routing Module will track sales/work orders through mfg The Optional Serial Lot Number Module will track serial numbers Supports ISO 9000 Reporting, Digital Images, RoHS, Where Used

pc/MRP can be integrated with any desktop version of QB (pro, Enterprise, etc) 2007 and higher. pc/MRP does not integrate with the web version of QB.
 pc/MRP 8.82G and higher is compatible with QuickBooks 2007 and higher SDK 13.0
 pc/MRP 8.95L and higher added additional invalid character checking code
 pc/MRP 9.12D added the option to use the export date (ReceiverExportDate.flg)

Stores the QuickBooks Chart of Account and part Names in QbAccountsDbf.DBF and QbPartsDbf.DBF so that pc/MRP will not have to query QuickBooks when click on a part number's QuickBooks Tab. This list is also updated when ever you select Set Exporter Default Settings.

pc/MRP Optional Advanced Password Module \$330.00

pc/MRP's Advanced Password Module allows an unlimited number of user name and password combinations to control access rights to each pc/MRP Module.

Password Module Overview

Documents User can insert Digital Signature for Approval

User's Log In Name

User's Password

Modules

User Name	Password	Routing	Inspection	Corp Report	Shipment	EDI	Inv Areas	PO Approval
BILLY	*****	N	N	D	N	N	Edit	No Approval R
DOUG	****	N	N	N	N	N	Edit	Level 3 Approv
KIM	****	V	V	V	V	N	Edit	Level 1 Approv
KIM	***	D	D	D	D	D	Edit	Level 2 Approv
MASTER	*****	D	D	D	E	D	Edit	Level 3 Approv
ROB	****	E	E	D	D	V	Edit	Level 4 Approv
RON	****	D	D	D	C	E	Edit	No Approval R
SOO	***	E	N				Edit	Level 1 Approv

Editing released BOMs requires delete rights in the BOM module

New Delete

This user has Edit and Create Rights for the Routing Module

Inventory Areas this user can view

This user can insert their level 1 approval signature into POs

pc/MRP's Optional Advanced Password Module:
 Allows an infinite number of user name and password combinations.
 Assign each user rights (None, View, Create, Edit, Delete) to each module.
 Assign which users can approve POs, PO Requests, Sales Orders, Sales Quotes.
 Assign which users can see what inventory areas.
 Can be set to use Simple or Sarbanes-Oxley Compliant Password Rules.
 Names, Passwords, and Settings are protected by 128 bit encryption.
 Set each user's preferred language (9.14 and higher).

pc/MRP Optional Routing Module \$430.00

pc/MRP's Routing Module allows users to track the location of sales/work orders on the manufacturing floor.

The screenshot shows the 'Optional' menu in the pc/MRP software. The 'Routing' option is selected, and a sub-menu is displayed. Callouts provide details for several menu items:

- Routing Module Overview**: A yellow box at the top of the menu.
- Enter Movement**: Callout: "Move a sales or work order from station to station"
- View Movement**: Callout: "View where a sales or work order is on the floor"
- WS Value Percentages**: Callout: "Set the value based on work station"
- Reports**: Callout: "Print/Display Routing Reports"
- Index**: Callout: "Re-index the Routing Records"
- Remove Marked Records**: Callout: "Remove all routings marked for deletion"
- Remove over X Years**: Callout: "Remove all routings over X years old"
- Settings**: Callout: "Set Router Settings"

At the bottom of the window, a yellow box contains the following text:

Up to 50 user definable work areas. (Versions 9.21B and higher)
Each BOM can have its own routing template.
Issuing a sales/work order to mfg auto creates a routing record.
Move partial of full quantities.
Moving product to finished goods can incr Finished Goods Qty and decr WIP Qty.
User can enter upto 256 chars of comments per workstation per sales/work order. (Versions 9.21B and higher)

pc/MRP Optional Employee/Time Sheet Module \$330.00

pc/MRP's Employee/Time Sheet Module allows companies to track the actual labor cost of sales and work orders:

The screenshot displays the 'pc/MRP for Windows' application window. The 'Optional' menu is open, showing various options. The 'Employee Time Tracking' option is highlighted, and its sub-menu is visible, containing 'Employee Info' and 'Time Sheet'. A yellow callout box titled 'Employee Time Sheet Overview' points to the 'Employee Time Tracking' menu item. Another yellow callout box provides a detailed description of the module's two components: 'Employee Info' and 'Time Sheet'. A large yellow box at the bottom of the window contains a list of capabilities for the module. The status bar at the bottom left reads 'Optional Module - Employee Time Tracking'.

Employee Time Sheet Overview

To allow the Accounting Cost of Sales Report to use actual employee times and compare them against theoretical labor times (Manufacturing Variance Report), set Configuration, Settings and Utilities Option 79 to "Get Labor Hours From Employee Time Sheet" and "Derived from Employee Pay Rates". All employee times that worked on that sales or work order must be entered prior to the Stockroom Module Receiving back the sales or work order from manufacturing.

The Employee/Time Sheet Module actually consists of two modules. The first module, Employee Info, is used by accounting to create and manage employee records. The second module, Time Sheet, is used by individuals and/or accounting to create and manage employee time sheets.

Accounting can create and manage employee records for pay rates, date hired, vacation hours, state and federal withholding \$ amounts.

Accounting and or individual employees can create and manage employee time sheets.

Accounting can print out actual labor hours and costs for a sales/work order from the time sheet report module.

Accounting can compare actual costs vs theoretical costs for a sales or work order with the Manufacturing Variance Report.

Accounting can print reports of employee's data to enter into a payroll system.

Optional Module - Employee Time Tracking

pc/MRP Optional Infinite Bucket MRP Module \$430.00

pc/MRP's Infinite Bucket MRP Module allows users to generate MRP Action Items (PO, Buy, Issue, Make, Sale) and generate MRP Reports. Advanced features include:

Overview of pc/MRP's Infinite Bucket

Option 1, Generate Action Items, this option creates an Action Database File that is designed to schedule the company's manufacturing operations.

2. Display/Print any errors found in the last generation, such as POs without due dates, etc.

Option 3, this option prints action item reports (buy, make, issue, pushpull, etc.).

Option 4, print/display a graphical time line of action items for a sales/work order

Option 5, this option prints/displays a graphical representation of all action items required for a specified part number.

6. Automatically create work orders

7. Automatically create POs

Update the work order dates if the driving sales order dates have changed.

Index the Action Database. This option is rarely required.

Schedule Weekends and Holidays 9.23

Update the Req Ship Date on Dedicated Work Orders

Index the Action item database

MRP Calendar

Factors In:
 Onhand Qtys
 Min Qtys
 Std Order Qtys
 Order Multiples
 Set-up Qtys
 Attrition %
 Open POs
 Open Sales Orders
 Open Sales Quotes
 WIP Shortages
 Part Lead Times
 Assy Lead Times
 Weekends
 Holidays

Automatically creates manufacturing schedules (Buy, Issue Make)
 Automatically creates work orders
 Automatically creates purchase orders
 Print/Display Standard and Graphical Reports.
 Option to Include Sales Quotes with probability %
 Option to schedule Weekends and Holidays (Weekends default to off) 9.13
 Source Column for Issue and Sale Action Items (Source=Onhand,PO#,WO#,Buy,Make) 9.36

pc/MRP Optional Inspection Module \$330.00

pc/MRP's Inspection Module allows users to create global inspection requirements and records:

Inspection Data Entry Screen

1. View the Inspection Criteria for this part or assy

Create / View Links to files, folders and WebSites

Inserted from Document Version 9.13A

Inspection Form - (Edit Mode)

Inspect #	0000000001	Part Number	RES-00001	Inspection Criteria...
Record Type	Receiver	Description	RES, 100 OHMS, 5 VOLTS	Rev B
Document #	000001 0001	Vendor Id/Name	ABC002 ABC MANUFACTURING	

2. Enter your name or initials

3. Select Status

4. Check if applicable

5. Enter Qtys

6. Enter Discrepancies

7. Enter Corrective Action

8. Print Inspection Record

9. Press the OK Button

Inspect Qty: 200.000
Accept Qty: 197.000
Rejected Qty: 3.000

Discrepancies: The 3 Resistors were returned to the vendor

Corrective Actions

Buttons: Delete, Ok, Cancel

Footer: Inspect (c:\pcmrpw914\inspect.dbf) Record: 1/2 NUM

pc/MRP Optional Task Manager Module \$330.00

pc/MRP's Task Manager Module allows users to enter pop up tickler messages and manage tasks to their completion

Task Manager and Tickler
Creating a new Reminder (Tickler)

2. Set the Date and Time the msg is to pop up

3. Select the Priority, Category and Status (Working)

1. From the Address, click on the Ticker Button. You can also go to Optional, User Task Manager and Ticker and select New Task

4. Enter the purpose of the task

5. Press OK

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Today: 1/30/2015

pc/MRP Optional ECN Module \$430.00

pc/MRP's ECN Module allows users to record all revision changes to parts and assemblies.

**ECN Module Overview
Version 9.32 and Higher**

- Create a New ECN Record
- Edit an ECN Record
- Print/Display ECN Record
- Print/Display ECN Reports
- Print/Display all open purchase orders affected by ECNs issued in the last 30 days.
- Remove all ECN records marked for deletion.
- Remove all ECN records over X years old. (available 8.71B and above)
- Use Alpha or Numeric Characters for Revision Levels

Where Used info auto inserted into ECN.
Affected Open Sales and Work Order auto inserted into ECN.
Automatically rolls the part's/Assemblies Revision Level.
User can send Email to other users requesting their approval.
Qualified users can insert their digital approval signatures.
Unlimited Description, Reason, History, Where Used, and Documents Fields
Store unlimited links to related documents for each ECN.
Option to create a part on the fly.
Effectivity Date (Reference Only).

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