



Resource Manager-DB *QuickStart*

1. Introduction & Installation

Thank you for your interest in Resource Manager-DB (RMDB): the first ***"Shrink Wrapped, Custom Solution."***

So easy to install and get running, it will first seem like a popular shrink-wrapped offering. Yet, the system is so easily adaptable to how you want to operate, it will seem just like a custom solution – only without the time and expense!

RMDB is usually sold with EDGEBI (Enhanced Drag-n-drop Graphical Environment) which is a graphical, intuitive, overlay to work with RMDB automatically. Be sure to check out the EDGEBI QuickStart along with RMDB QuickStart.

These *Quick Steps to Success* instructions, along with a web demo and trial software will enable you to quickly evaluate some of the general features of RMDB. Please call us at (248) 486-1934 for a web demo and see how the system can meet your specific needs. Also, you can order the complete product for a **risk free** evaluation.

System Requirements

1. Windows (any version) running on stand alone PC or Network.
2. Excel 97 or greater installed (for reports).

No Rules & Quick Implementation

In contrast to other shop control, MRP or manufacturing software offerings, RMDB does not have a rigid, standard procedure for every application to follow. Rather, RMDB is designed to adapt to *your* requirements. In addition, you can use existing data from other systems. Finally, the system is geared towards minimum effort for upkeep and maintenance. It all adds up to very quick implementation, immediate success, and ease of future changes.

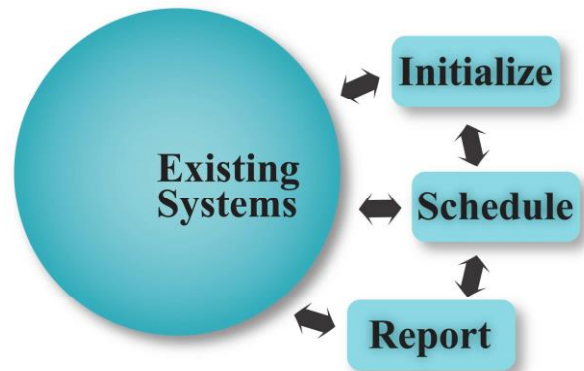
PLEASE CALL US IF YOU HAVE ANY QUESTIONS about how to configure and run RMDB for your needs. We are committed to your success and would love to hear from you.

Most of our customers simply send some sample data and we are able to quickly demonstrate a pre-implementation for our first meeting. Answering all your questions, in real time, with *your* data!

Quick Steps to Success Overview

There is a simple three-step process for basic running of RMDB:

The remainder of this *QuickStart* will give you a quick tour through each of these areas: Initialize, Schedule, and Report. As the system diagram shows, you can exchange data with other systems at any time in the process.



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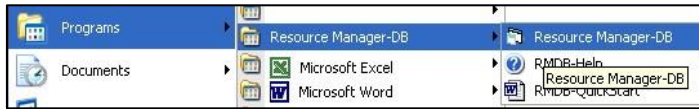
Installation

Follow instructions per email download and double click on the RMsetup.exe file.

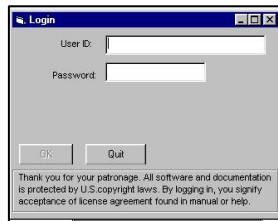
For any version warnings, always choose to KEEP your existing files.

Signing On – Login

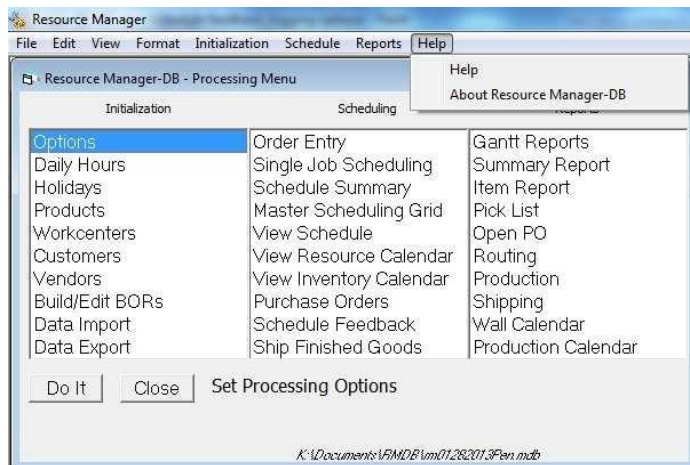
To run RMDB, select Start, Programs, Resource Manager, Resource Manager-DB. Or use desktop icon added during installation.



User Id = Demo and Password = 123456 and press [OK].



[ACTION STEPS]: Throughout this Quick Steps to Success Guide, there will be *Action Steps* that you can use to get a feel for the system.



UP AND RUNNING

There are several resources to ensure a successful start, including:

1. Call **US** at (248) 486-1934 for a friendly web demo based on your requirements. Due to the flexibility of the product, there is more than one way to address your application. This is why we encourage you to give **US** a call and let us summarize how to run RMDB with our without EDGEBI to meet your specific needs and create custom reports.
2. Follow these Quick Steps to Success w/ Sample Data.
3. Help files/User Manual
4. There are some videos on website and RMDB is the 'big brother' of RMX which has training videos on YouTube to review.

2. Navigation

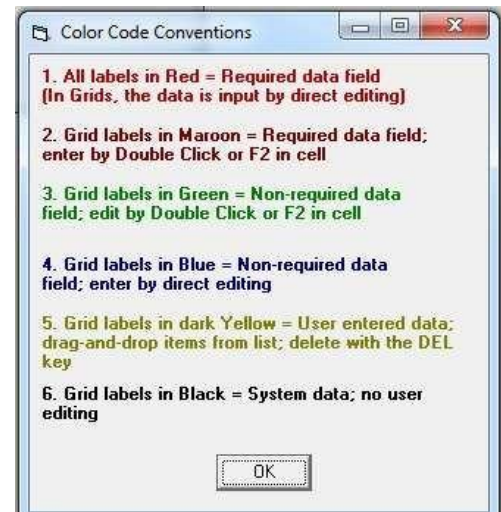
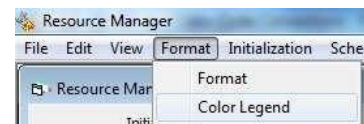
There are several choices for running RMDB:

Main Resident Menu: This is the active menu on start up and will remain active unless the [CLOSE] button is pressed. This is the recommended method of Running RMDB. All commands are available for all areas. Simply double click directly, or single click and chose **[Do It]**. The menu is organized in three blocks: Initialization, Scheduling, and Reports. You are only one action away from any part.

Top Menu: The top, standard Widows-type menu contains all commands in Main Resident Menu, plus a few extra (including View, Main Menu to call back Main Resident and online Help). Windows Short-Cut keys apply here.



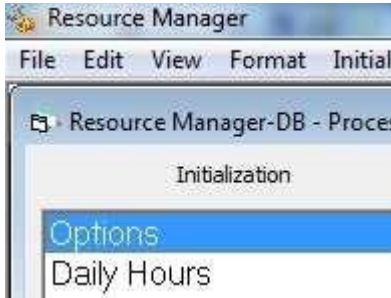
Action Steps: Click [Format], [Color Legend] to review color codes. [OK].



3. Options



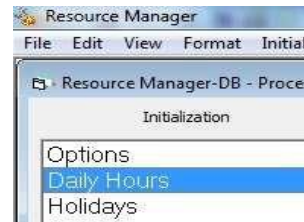
Action Step: Press [Options - Do It] and click on the Scheduling (1) Options tab. Or, just double click on Options. You can always just double click on the menu selections.



Note item 1 on the Scheduling (1) tab - Schedule according to Forward or Reverse Order. Forward Order indicates that when scheduling your products, jobs, etc. you will be providing a start date, and RMDB will calculate the finish dates (subject to capacity restraints, inventory levels, job priority, etc.). Reverse Order indicates that you will provide a finish date, and RMDB will calculate the start dates. All of these options may be adjusted as you find necessary; the defaults are just initial global settings. These options can be changed at any time, even on a per job/order basis. This allows for virtually any combination (i.e. estimated jobs entered as Forward, firm orders as Reverse) to co-exist in the system.

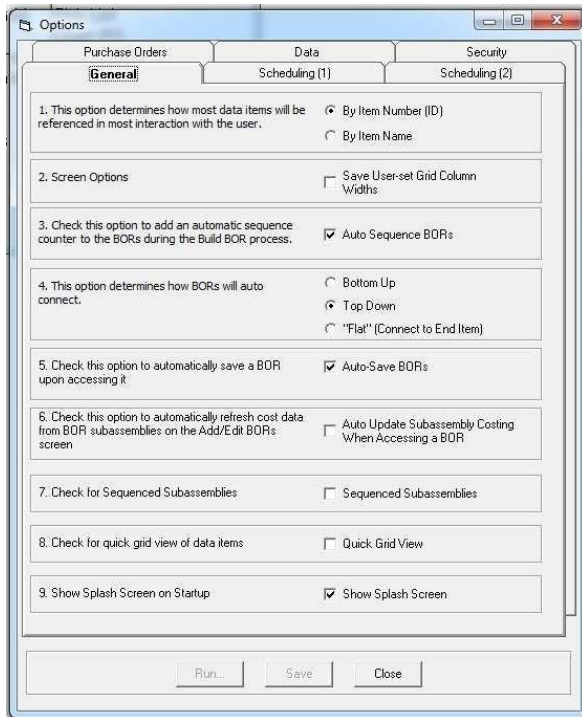


Action Step: Press [Daily Hours – Do It] to review/edit the Daily Chart



Action Step: Note start time plus Hours Worked is less than midnight.
/

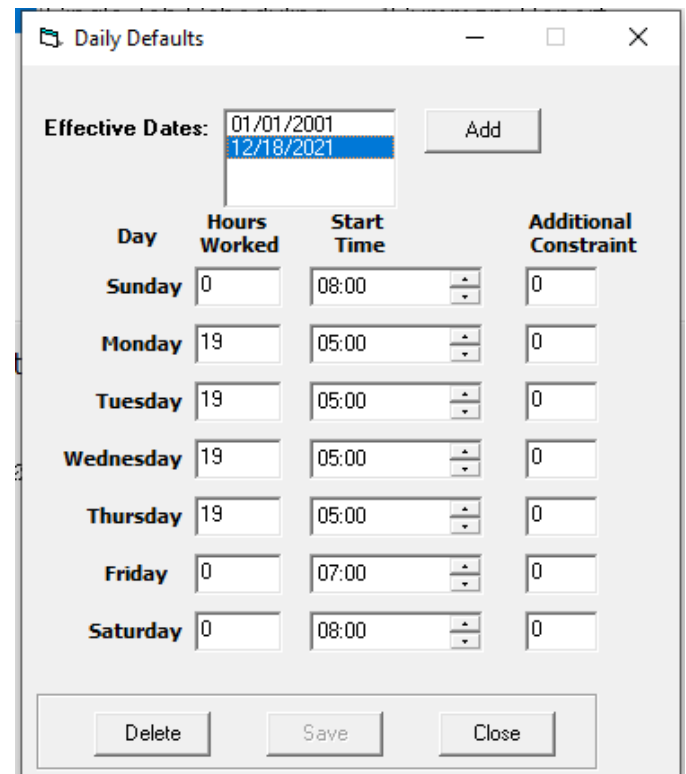
Note the default hours are interval based so you can define a new set to adapt to adding or subtracting resources. Also, additional constraint tells the system to consider labor as constraint as well in addition to machine timing.



Action Step: Press other Options tabs to view various settings, then [Close] to close options screen and return to main menu.

4. Daily Hours

For capacity planning and scheduling according to Workcenter hours, you can tell the system what hours you normally work per day and a list of holidays. These global settings are done in the Daily Hours and Holiday sections.



In a later section [View Workcenters and/or Resource Calendar] the user can configure custom calendars. Each Workcenter can have its own, unique, working day calendar that can be adjusted upon demand.

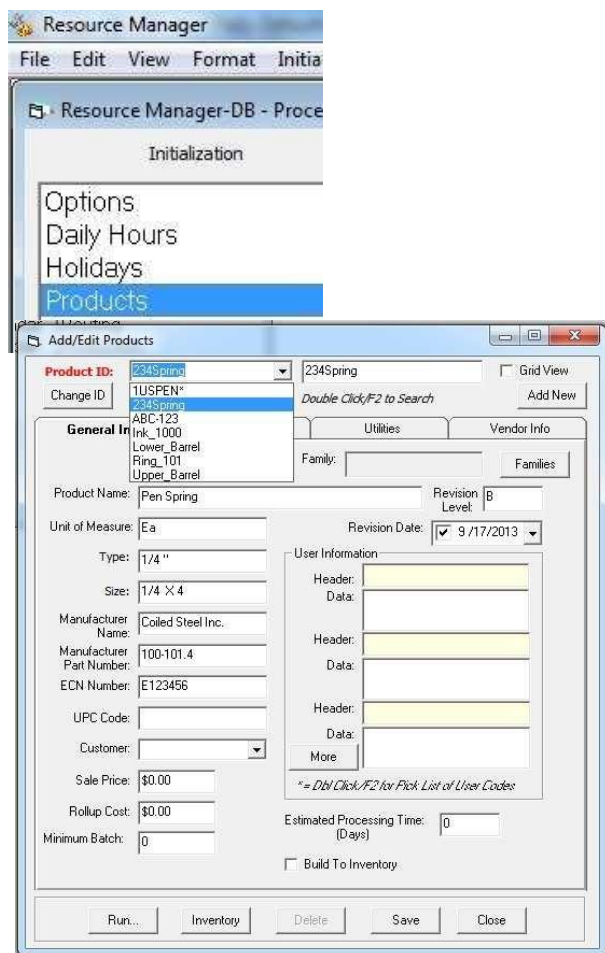
The Daily Chart, like the rest of the configuration options throughout RMDB, may be changed at any time, with the updates being applied to the NEXT scheduling event (new or reschedule). This enables you to schedule a mix of


options (hours available, forward or reverse, resources available, etc.) for different jobs.

Note to job shops, make-to-order manufacturers, contract manufacturers, etc. The remainder of this *QuickStart* uses sample data for a standard product (a common ball point pen). This is just for an example of how to touch on each part of the system, and not how you would necessarily set-up and run RMDB for your operation. For now, **please follow through this example and then call US** to discuss options for setting up and running RMDB for your needs.


5. Products

 **Action Step: Press [Products – Do It]**



 **Action Step: Using Product ID Search/Scroll Box, choose [234Spring].** Note: the search/scroll box is used throughout RMDB and will automatically search for first letter of what is being typed, or user can scroll to find desired product. Also, pressing F2 enables searching via full text searching and instant adding.

The Product List contains raw materials, lead times for purchasing, and other vendor related items, sub-assembly and end product listings. All Products, with a Bill-Of-Resource associated with it, are denoted with asterick * and listed on top. The Add/Edit Products form also contains Inventory Parameters and allows direct inventory transactions.


 **Action Step: click on and review other Tabs in Product List..**

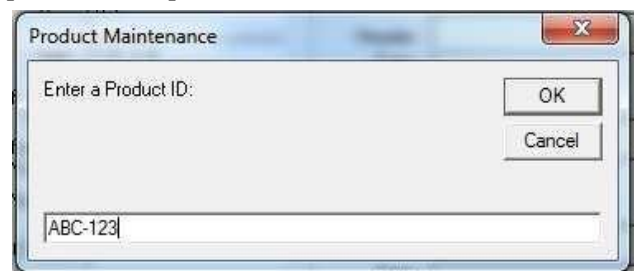
NOTE: You list items (Products & Operations/Workcenters) in the Master Item Lists, and define some of the attribute's details. You put them together (BOR, JOB, BOM, PROJECT, PRODUCT, BATCH, etc.) later. You can also start directly with the BOR and add products/workcenters on the fly. This is built into the system that allows the user to immediately begin building and scheduling and interacting with schedule without any 'must follow' configurations.


Side note regarding Data Import: Normally, the VERY FIRST step in configuring RMDB is to determine if ANY needed data exists in ANY system. (ERP, Excel, MES, etc.).

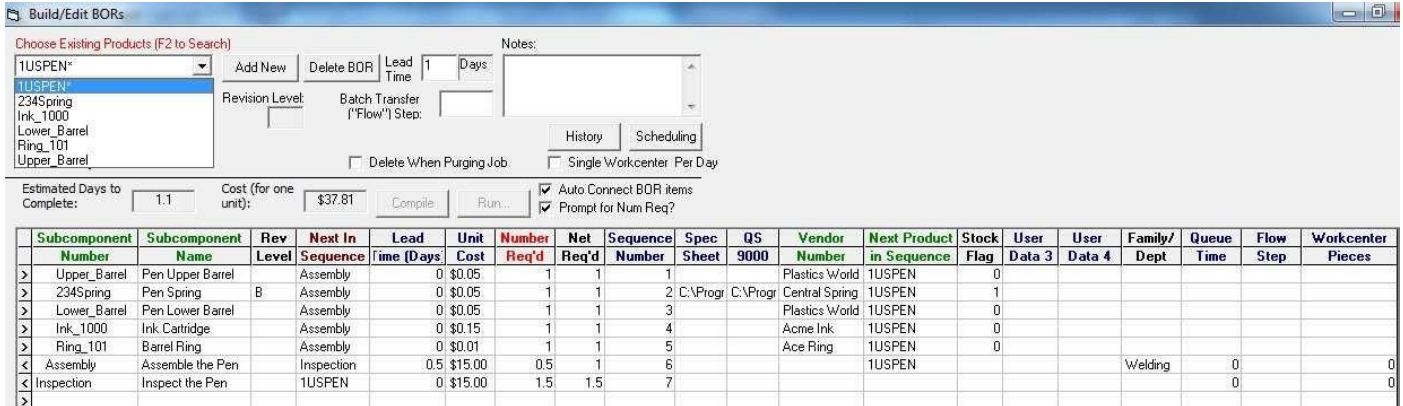
Check out the Data Import Function for a summary list of just some of the data we can automatically import. Then, call us and/or send samples of your existing data and we will be glad to show you how to easily integrate RMDB with most any system.

The possibilities are tremendous. We can import BOMs and add routings on the fly, import open sales orders and WIP data, run what-if reports, even closing the loop by writing back (to other system) to adjust schedule dates. Call *US* to discuss your options.

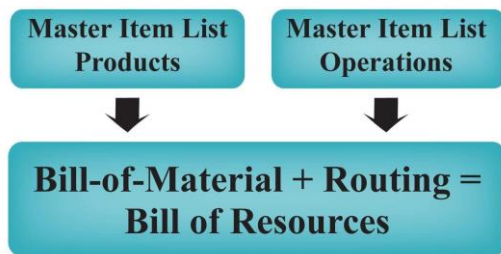
 **Action Step: Press Button [Add New]. Type in ABC123 for Product ID, then [OK], [No] to use existing product as template.**



 **Action Step:** From General Info Tab (in Add/Edit Products window), type in New Product for Name, add other information as you wish, then press [Save], [OK], and [Close]. You can add a new product from any of the three Add/Edit Products tabs.

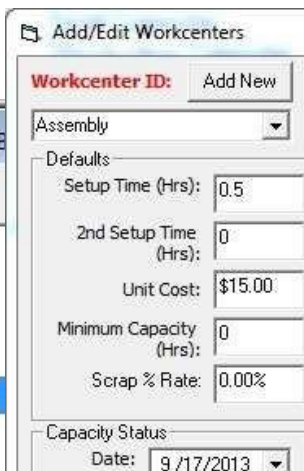


You can also add new products on-the-fly while building BORs (see screen above).



6. Workcenters/Operations

 **Action Step:** Press [Workcenters – Do It].

Search/Scroll and choose [Assembly].

General workcenters, operations, labor, resources, machines, work cells, etc., are maintained here.

Workcenters/Operations descriptions can be defined here, or made specific in the BOR. This list contains resources that consume hours and will be scheduled *subject to the hours per*

day available, and hours required. The Number Available is how many of that resource you have. This number (which can be less than one) is multiplied by the hours in the day chart, to configure the *initial* available capacity for each Workcenter. In our example, we have 16 hours (Res. Mult. = 2 X 8 hrs./day) available for Assembly and 8 hours for Inspection. This

available capacity is displayed in the Resources Calendar and can be changed (with Hours button here or directly in Resource Calendar) for custom Workcenter hours.

Other key features of the Workcenter form include global settings for set-up times, hourly rate to run (Unit Cost), and more, even skill levels. Note that all of these settings can be defined for each Job, Production, and BOR.

You can also define Departments and even Skills on this form. These are used during scheduling (schedule by skill) and reporting (rolling up loads by department, etc.).

Customers & Vendors

Simple tables that integrate into Order Entry, Purchase Orders, and all reporting.

7. Build/Edit BORs



The Bill-of-Resource (BOR) is the configuration of the Products and Operations that make up your finished product, Job, or project. To create a BOR simply select components off of the Products & Workcenter lists, however you wish, allowing for concurrent scheduling of Workcenters and Materials.

Building a BOR for your particular product configuration is easily done with

the complete production version of Resource Manager-DB. We recommend that *you call US today to answer any questions that you may have about constructing a BOR that accurately models your processes*. For this tour, we will just view a simple existing Bill-Of-Resource (BOR) for a Ball Point Pen.

Building/Editing BORs

Action Step: Press [Close], if needed, to return to Main Menu. Press [Build/Edit BORs – Do It] from Main Menu.



Action Step: Choose IUSPEN from search/scroll box.

The Bill-Of-Resource Table

The Header area contains summary information about the current BOR. Choose Existing Products allows user to view/edit existing BOR (as in our example, denoted by asterisk), or to choose a Product for Building a New BOR. The Lead Time for the End Item, is extra days added for final processing (shipping, etc.) once all subcomponents are done. The Cost (for one unit) is a total of all sub component costs. Estimated Days to Complete is how many days it will take to manufacture the End Item assuming a 24 hour day. This will be adjusted by all capacity restraints when scheduled. Revision Level and Notes are available.



Great Feature! Throughout RMDB, you may notice a gray RUN button. This feature, configured initially under options, allows the user to call an external program and automatically pass information. For example, you can include a path and file name for an Autocad Drawing, and click on it to automatically run Autocad and pull up drawing. Or, use it to connect to a vendor's website.

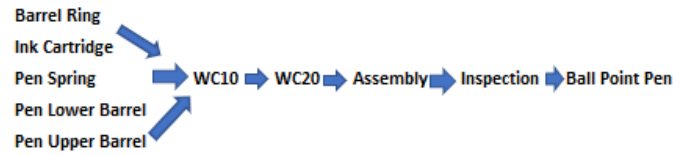


Great Feature! If you need to build a new Job, Product, etc., and you haven't listed the End Item in Product List yet, simply press the Add New and add it on the fly! You can use any existing BOR as a template for the new, or quickly add sub component products, sub assemblies, and operations from scratch.

The entire program is designed such that you can bring up something similar to what you want, add-new, and use existing data as template for new addition.

The Subcomponent Grid contains a list of all the products and operations that go into making the End Item. The *Next In Sequence* Number is what the Product goes into, or what follows after an Operation.

For example, in the diagram, all the products on the left are followed by WC10, then WC20, then Assembly and e Inspection. Note how the *Next In Sequence* defines the 'critical path'. Finally, the end product/end item/finished goods – Ball Point Pen – follows Inspection as the *Next In Sequence*.

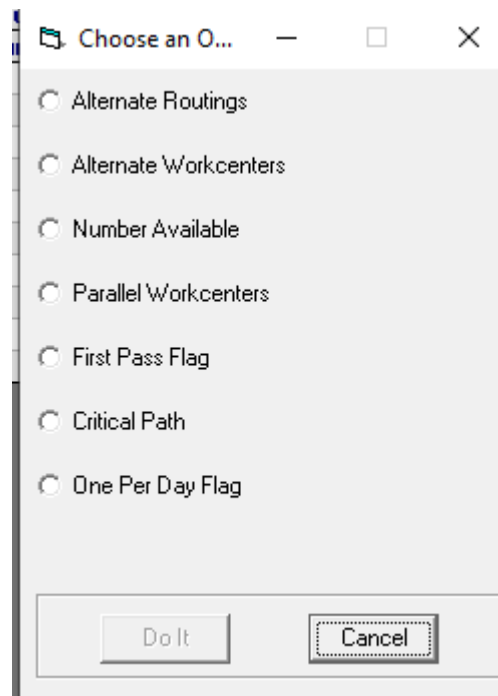


As Products and Workcenters/Operations are added to BOR, default data as defined in Product and Workcenter lists will fill in automatically. These can be edited directly for setting BOR specific parameters. Even after scheduling, you can modified a scheduled BOR to your heart's desire.

Required entries are formatted in red and maroon. Optional fields (which can be edited) include everything except system fields with black headers.

Advanced options are included under the **[Configure]** button for each line item. To delete a row, click on row and press Delete button.

CONFIGURE OPTIONS



Configure features, along with settings under Options provide maximum flexibility in modeling simplest to most complex BORs. Send us a flow chart and let us help you!

The options for Auto Connect BOR items and Prompt for Num Required are special tools to help automate the building BOR process.

Action Step: To add items to the 1USPEN BOR, simply double click or press F2 on first cell of blank row. You can select a Product (for example ABC-123), or Workcenter and select existing or press [ADD NEW] new Product or Workcenter ON THE FLY! Enter Number Required (1: One hour for cycle time or one unit for MRP product), and press [Save]. Congratulations – you have just edited a BOR! Press [Close] to exit Build/Edit Bors.

To change visual sequence, edit Sequence Number and double click on Sequence Number Header.

Great Feature! Most Grids in Resource Manager-DB can be instantly sorted by clicking header. Left click is ascending, right descending. To change Next in Sequence, double click or F2 in cell.

Data Import and Export

These sections provide fantastic flexibility for integrating in information from other systems and generating custom reports. Please contact us to help you with setting up and automating import masks and custom report options.

8. Scheduling: Order Entry/Sales Order

Well Done! We have now reviewed Initialization up to Build/Edit BORs and are ready to deliver the core benefits – scheduling, tracking, and reporting.

There are several options available to enter demand (orders) and schedule. Call US to discuss which area works best for you (Importing from existing systems, Order Entry, Single Job Scheduling, Forecast Scheduling). For this example, we will look at Order Entry only.

Action Step: If needed, press [Close] to return to Main Menu then Press [Order Entry – Do It].

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The top section of the Order Entry/Sales Order form contains various filters to view orders.

All orders found are listed by Reference Number, which allows you schedule multiple line items all tied to a common reference number.

To view an Order for a Reference Number, double click or click and press F2. Note Job Number can be system generated or custom (Production Order Number, etc.).

The line items for an Order are displayed for edit (or new entries).

To add a new product, double click or F2 in Product Number cell of blank row. Use the Date Picker to pick START or END date for this line item. You can change dates, quantities, and scheduling option flags (forward, reverse, etc.) in the next section (Master Scheduling Grid).

Great Feature! The Order Entry area is an excellent place from which to run RMDB. You can manage all of your actual orders, when due or when to start, etc. You can also enter a custom Job Number, Work Order Number, or Sales Order Number, etc. You can even import in the demand schedule from outside systems (import button). Finally, you can view and edit the details of any BOR, even adding new Jobs, Products, and Operations, on the fly -- all from Sales Orders.

Action Step: From Order Entry/Sales Order Form, press [Add New]. Enter a single line item order, double click Red Columns to complete. Note the View BOR button. Press [Save] and [OK].

Printing Sales Orders offers the same features as printing BORs, Purchase Orders, etc.: you can customize the format and fields to be included and send to Rmrpt.xlsm, and/or print a hard copy.

In the Rmrptm.xls, you can further customize – adding logos, user defined fields, on-the-fly calculations, freeform notes, etc.

Single Job Scheduling is ideal for testing BOR explosions and quickly adding a Job to Master Schedule. Schedule Summary is a great place for Build-To-Inventory Master Scheduling and a single screen overview of everything. You can also schedule direct from BOR or Sales Order but these only schedule ONE job at a time. To manage full workload we recommend using the Master Scheduling Grid (MSG).

9. Schedule Grid

Once you have entered your demand, you are ready to generate a schedule.

Action Step: Press [Master Scheduling Grid – Do It].

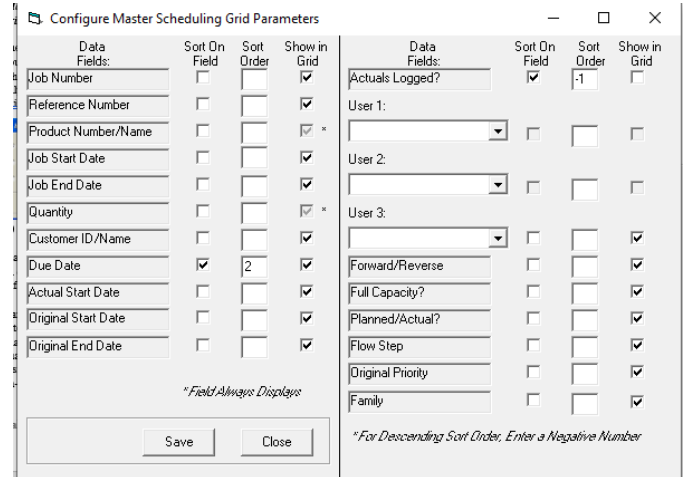
The sub screen allows you to choose to schedule new jobs only, to reschedule existing jobs only, or both.



The SetUp button allows you maximum flexibility to presort the exact order you want for scheduling all activity.

Great Feature! Check Out SetUp before you Schedule. Since the system assigns capacity and available inventory in the sequence the Jobs (each line item on order is a Job) are scheduled, you can define your custom, default priority sorting criteria via SetUp.

The next screen shot shows setup button prioritizing by if job has started, highest priority, then sub sorting by promise date. The options for modeling your specific requirements are easy to include.



Great Feature! Scheduling Grid allows for maximum flexibility for viewing jobs to be scheduled, dates, and quantities. Double click on editable fields to change flags, quantities, etc. Click on View Orders to edit quantities, dates, add lines, even change the BOR, assigning unique resource multipliers, etc. Another great, on-the-fly feature.

Action Step: Double click on Start Date & [OK] to change date to today, then click [Schedule] button, [Yes].

RMDB will sequentially read in each BOR, perform the explosion (quantities chained lead times, capacity restraints, scheduling flags, MRP and Inventory transactions, etc.) and add to the master schedule.

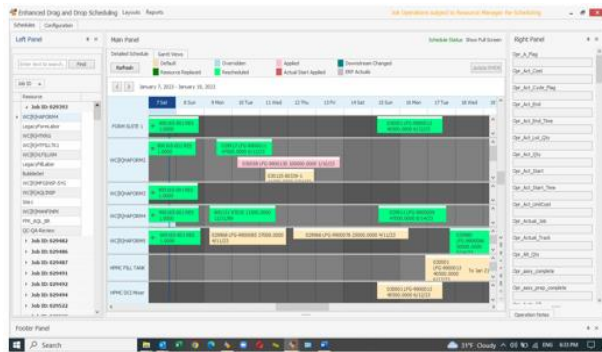
Action Step: Click on [View] button. Click on [Gantt View].

The actual schedule database, as viewed from View Schedule, provides scheduling information about all jobs. It is good idea to verify dates, quantities, etc. right here to ensure you have set desired options correctly.

There is a Gantt View option as well as Data Grid to view schedule.



This is also the point at which we can use EDGEBI to display and interact with schedule. Drag and drop to run a Job segment in a different workcenter, to extend or shorten actual timing, to create custom graphical reports, and so much more. And so much more. Including custom dashboards!!



Back to RMDB and View Schedule:

The user can select a particular job, then click on the sub product and/or operations tabs to view details regarding the job schedule. All reports in Resource Manager use the scheduled data.\

End Item(s)											
Job Number: PN34		End Product: C-PN100									
Workcenter ID	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday
ScreenA											
Waterjet	Hrs: 3.75										
Supervisor					Hrs: 4						
Cold Cut Saw					Hrs: 1.75						
Grinder					Hrs: 2						
Welding						Hrs: 6.5					
Cleaning Workbench						Hrs: 1.5					
Acid Tank							Hrs: 1				
Final QC								Hrs: 6			
Shipping											Hrs: 1

Rescheduling Notes

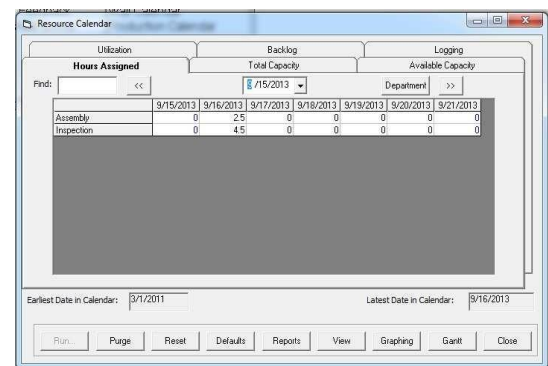
Rescheduling mostly refers to the fact that something has happened (feedback for actual dates, times, quantities, etc.), and the user would like to reflect in reports and to auto-adjust the master schedule. RMDB will use whatever data has been provided in order to reschedule.

For example, if you have logged an actual START and/or END DATE for any Workcenter or Product, then RMDB will use the latest update, in sequence, to drive new schedule dates for REMAINING operations. If no actual dates have been logged, then RMDB will use the initial START DATE for rescheduling. The user can change this date on-the-fly to further control the rescheduling options.

10. View Resource Calendar


Action Step: Click on [View Resource Calendar – Do It].


The Resource Calendar provides a dynamic view of all workcenter hours, summarized by day, required for active schedule. In addition, the Resource Calendar allows for individual Workcenter calendar edits, graphing, quick view reports, and other valuable load analysis reports. Red format



Action Step: Click on [Close] to return to main menu.

means fully loaded. Blue is for off days. Pink is for over capacity. (Over capacity is achieved when jobs are scheduled with full capacity option enabled.)

 **Action Step:** Double click on day with hours loaded to view **Quick Report** listing all jobs scheduled for that workcenter, for that day, along with hours and pieces.

 **Action Step:** Click the arrow keys to scroll one week forward or back at a time. Check out the other tabs. These live calendars provide maximum flexibility for running your operations. For example:

Total Capacity Tab: Change available capacity, for any workcenter, for any dates.

Available Capacity: Quick view of Total Capacity minus Hours Assigned.

Backlog: Sum of all hours loaded from this date forward.

Utilization: Hours Assigned divided by Total Capacity

Logging: Direct feedback for tracking, rescheduling, costing, etc. Post production (pieces and hours) directly. In most cases we can import this data directly if stored in another system.

Press [Close] to return to main menu.

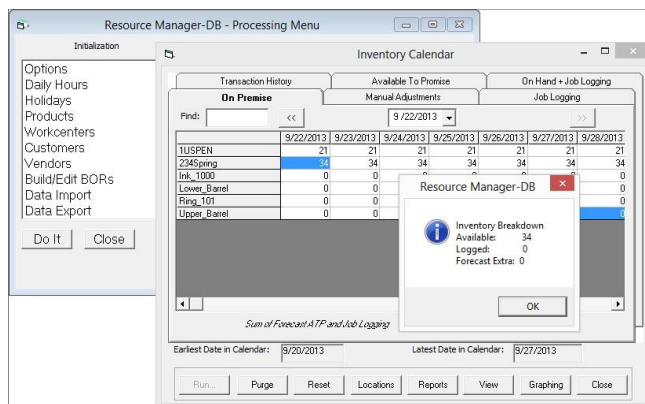


11. View Inventory Calendar

Action Step: Click on [View Inventory Calendar – Do It].


RMDB's inventory system is designed to meet YOUR best practices. That could be for running with the LEAST amount of maintenance, or with detailed manual transactions.

For example, once you define safety stocks, lot sizes, beginning inventory, and locations, the system will generate the required orders to fill demand. RMDB **DOES NOT** require you to "receive" those orders to complete production – unless that is what you want!



There are four tabs on the Inventory Calendar:

- 1. On Premise:** The sum of On Hand and Logged Inventory. Double click to see breakdown.
- 2. Available to Promise:** This is the amount of "free" inventory that can be assigned to new jobs. It is incremented or decremented automatically during scheduling and manual inventory allocations (see Issue Button on Manual Adjustments Tab).
- 3. Manual Adjustments:** Double Click, or F2, on a cell to change the quantity of available inventory. Available inventory can also be adjusted from Location/Transaction Button plus Product Master and through Data Import.
- 4. Job Logging:** The totals are incremented when the user receives raw materials from purchase orders, or logs the actual completion of finished goods. The totals are decremented when finished goods are shipped, or raw materials are consumed.
- 5. Transaction History:** Shows the sum of all inventory activity for a given date. Double click or F2 to view details.

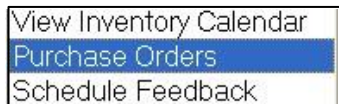
 **Action Step:** Click on all tabs. Double click on example quantities on each tab.

Check out Reports and Locations buttons.

Click on [Close] button to return to main menu.

12. Purchase Orders/RFQs

RMDB's integrated purchasing and receiving module can be run as the primary system for a company, or simply to complement existing PO processing. With the correct BOR, you can see Exactly what material you need and When.



With a single click, the user can generate purchase orders or RFQs per Lean Manufacturing (Kanban-Visual-On Demand) and/or standard schedule requirements (Job & MRP Based). User can also automatically e-mail RFQs and POs to vendors.

The preview grid allows for real-time editing: review Product and Vendor information, change quantities, prices and Vendors on demand.

Product ID	Vendor ID	Qty To Order	Unit Cost	Job Number	On Order	Start Date	End Date
234Spring	Central Spring	6	\$0.05	005_4302	0	4/14/2003	4/17/2003
234Series	Central Spring	234	\$0.05	004_4302	0	4/14/2003	4/17/2003


The system tracks each received quantity, open or closed status, and adjusts inventory - simply and automatically.

13. Schedule Feedback

Report on actual feedback, compared to planned schedule, without rescheduling. Or reschedule to rebalance all based on reality.

Choose from several options for logging actuals: by Workcenter, by Job, by Product, etc.

When logging actuals to Operations, user can choose standard cycle times (as set in BOR), average cycle times (calculated in-process, for current Job), or user entered values for rescheduling the remaining pieces as close to reality as possible.

 Import in WIP or other actuals from most any system (including a simple Excel sheet – see Routing Report).

Great Feature! The user can reconfigure the scheduled BOR, changing routings to reflect dynamic changes, adding/deleting substitutions, etc.

Other Adjustments

In addition to the Job-specific schedule feedback option, the user can adjust any one or more of the following parameters, before rescheduling.

- Daily Chart to change hours available across all Workcenters.
- Resource Calendar to adjust hours for specific Workcenters for specified dates.
- Number of resources (people and/or machines) are available.
- Inventory adjustments and corrections.
- Purging schedule of some Jobs (which then can be edited in sales orders).

Import WIP or other actuals from most any system (including a simple Excel sheet that was generated by the system. RMDB allows maximum flexibility for Schedule Feedback and Re-Scheduling capabilities. For example, the user can elect to:

Perform NO feedback at all. The schedule has been generated, reports available, and no other inputs (besides the scheduling of BORs) is required to have a Planned Schedule system up and running. This is how we recommend the user begin with the system. After we understand what parts of schedule feedback, other adjustments, and rescheduling would work best for you, then these parts can be implemented with great success. Feedback any one or more of: quantities, start time and date, finish time and date, actual hours, employee data, and more.

14. Reports



Great Feature! RMDB features MS Excel as its report writer. There is no better environment for quick and powerful customized reports than what is possible in Excel. **Unless, of course, you have EDGE!**

There are three key areas available for reports, as follows:

1. The BOR, Sales Order, Purchase Order, Production, Summary and Routing printing allows maximum flexibility in defining various standard and custom fields and custom formulas for output to Excel.
2. Within the Data Export Function, the user can define unlimited custom reports using select database fields from throughout RMDB.
3. RMDB contains a host of very powerful, predefined reports that are available from Main Menu.

RMDB contains a host of very powerful, predefined reports that are available from Main Menu.

Gantt Reports: 3 sub options for top-level view of all activity by jobs, by workcenter and drill down details. Instantly check the status and flags for all jobs in schedule.

Reports
Gantt Reports
Summary Report
Item Report
Pick List
Open PO
Routing
Production
Shipping
Wall Calendar
Production Calendar

Summary Report: Totals quantities or costs for schedule, by product/operation by time bucket. An instant top-level MRP report for all Products, the Summary Report will tell you what you need to buy or make, how much, and when – all consolidated on a single sheet. View over any time horizon – by day, week or month.

Item Report: Summarizes all requirements per part number. Ideal for Workcenter loading, it lists each job, when to start, when complete, and how much is required. Reports on both Products and Operations.

Pick List: Standard Pick List for orders.

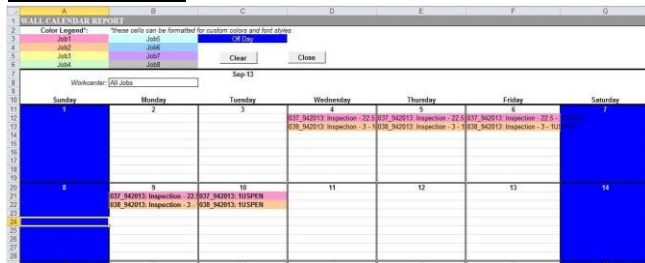
Open PO: Open Purchase Order Report.

Routing Report: The routing report recreates the original BOR with Operations steps from first to last. Complete details for all Workcenters, which jobs to work on, in which order, how many pieces, etc. Also, daily view & auto print. Lastly, routing report contains alarm conditions – which operations haven't started within user specified time frame.

Production Report: Displays all of the information pertaining to a specific job. Perfect for job costing. The Production Report automatically reconciles inventory and capacity for a job and lists the sequence of operations and products to fulfill order on time. Also reports on all actual data, to date, and variance calculations.

Shipping: Reports on Finished Goods shipped.

Wall Calendar: Great view in familiar format.



Production Calendar: Tracks scheduled vs actual on a per job basis.

To run any of these reports, simply select the desired report from the menu – [Do It].

Action Step: Press [Gantt Reports – Do It], [Gantt Summary], [OK], [All], [Do It].

Each report has a similar form for defining the parameters for running the report.

The user can run various reports (which are all be saved to RMRPT.xls) and press View at any time to run Excel and open report.

Action Step: Press [View].

The Gantt chart in Excel (RMRPT.xls) highlights all Jobs, start time, stop time, scheduled operation by time bucket, and color legend for analysis of Forecast and Actual data.



The user can format the color legend cells to different colors if they wish. Actual completion dates are denoted by the border color overlaying the fill color. Users can also change column widths and other fonts as they wish.

A double asterisk in Job Number column indicates Job has been rescheduled.

A single asterisk included with Operations indicates more than one Operations is scheduled for work in that time bucket. The user can double click on cell to view additional scheduled operations.

Action Step: Click the [Close] button. Run other reports as desired. Don't see the exact information you might be looking for? Please call US – chances are, we can modify a current report to fit your requirements or use Data Export to create the exact custom report.

15. Summary

Hopefully, you see good potential for Resource Manager-DB to help you with your planning and scheduling needs especially when combined with EDGEBI.

If you haven't already done so, we invite you to contact us to arrange for web-demo focused on your needs. You can even send samples of your existing data and we will use what we can as part of the web demo. Thus, the direct benefits and path to your success will be clear before you order product.

THANK YOU for taking the time to review Resource Manager DB. This product is the result of working with thousands of customers, like you, who need immediate help to plan and schedule resources but don't need another expensive headache. PLEASE CALL US if you have any questions! When you order the complete product, we will work with you to make sure you are successful within 30 days – guaranteed.

Final Action Step – Go To
www.UserSolutions.com, or call US @
 (800) 321-8737 or (248) 486-1934 to order
 complete product today.

