

Material Requirements Planning

Getting the right materials to the right place at the right time.

glovia.com Material Requirements Planning (MRP) helps you reduce inventory material investment and improve productivity and customer service by getting the right materials to the right place at the right time.

Integrated Planning Power

Material Requirements Planning (MRP) can be driven by the master production schedule to ensure that high-level requirements are consistent with the authorized production plan. MRP is integrated with your live inventories, work orders, projects, and sales and purchase orders to ensure that the latest information is always considered. MRP is also integrated with glovia.com Engineering to provide access to the currently effective bills of material, routings, and item planning policies.

MRP by Entity

Provides the ability to do MRP netting for a specific work center record. Additionally if required MRP will create supply and demand records for transfer orders between factories.

Planner's Workbench

MRP gives planners on-line access to the critical information necessary for successful planning. You can review calculated demand from the master production schedule and dependent demand from production orders. You can also view material commitments, shortages, and purchased material supply. To help incorporate current conditions into the planning equation, the system provides the ability to process either selective or mass updates of planning statuses and lead time changes, as well as the ability for complete on-line exception processing that includes sensitivity filters.

Multi-Level Material Pegging

MRP processing logic honors full level material pegging generated by Project Resource Planning (PRP). This ensures that your free stock, commitments, and netting calculations display the pegging of replenishment



orders to provide complete hierarchical material visibility at all levels.

Multiple Planning Cycles

No single view of supply and demand data can satisfy all of your planning needs. Strategies to support near-term production require one view, while long-range material commitments require another. That's why MRP offers multiple planning cycles with variable phasing and planning horizons. The MRP system can also be used to generate purchase requisitions and work orders, and to automatically release contract purchase orders with allocations across multiple suppliers.

Financial Measurement

MRP gives you an instant picture of projected inventory investment levels as well as projected new purchases in accordance with your plan. The calculated value of excess stock is also available for analysis. Projections can be made on any MRP cycle. This provides an added dimension of visibility for directing the planning focus on the most significant areas of your investment. It also helps you to financially validate a plan and make swift adjustments before committing your cash.

Materials Requirements Processing

- Multiple planning cycles
- Concurrent MRP planning views
- Optionally driven by selected MPS cycle
- Computer-planned orders
- Generate purchase requisitions
- Generate purchase orders
- Contract purchase order releases for suppliers
- Work orders optionally generated
- Repetitive schedules created from MRP-planned orders
- MRP planning by work center
- MRP transfers for supply & demands across locations.

On-Line Exception Planning

- Paperless analyst review of suggested actions by item
- System suggests reschedule of open commitments by due date
- Highlights items with inadequate lead time
- Overstock analysis
- Cancellations suggested
- Sensitivity filters allow planners to control types and volume of exceptions
- Honors multi-level material pegging
- Planner's workbench

Processing Options

- MRP netting options
- Select multiple locations
- Phasing days per period
- Planning horizon
- As-of date for start of horizon

- Exceptions filters
- Summarization options
- Reschedule in/out rules
- Sensitivity by days for exception messages
- Order and delivery policies

Planner Updates

- Mass update of item planning status by product classification
- Selectively update lead time elements in mass

Inquiries and Reports

- Material Requirements Planning by Item
- Material Requirements
- Exceptions by Item
- MRP Detail
- MRP Summary
- Exceptions
- Projected Inventory
- Projected Purchase Orders
- Excess Stock
- Generated Work Orders
- Generated Purchase Requisitions
- Generated Purchase Orders
- Generated Repetitive Schedules
- Generated Contract Order Releases

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Worldwide & Americas Headquarters

Glovia International, 1940 E. Mariposa
El Segundo, CA 90245-3457

Tel: +1 800 223-3799
+1 310 563-7000
Fax: +1 310 563-7300

For further information and
regional locations please visit:

www.glovia.com
or contact:
marketing@glovia.com

