MMS Materials Requirements Planning (MRP)

Manufacturing Management Solutions

Your planning starts here.

Know what you need and when you need it.

By identifying time requirements for material and suggesting a plan for replenishing it, the MRP System helps assure an uninterrupted manufacturing process and, consequently,, on-time delivery of finished goods. In fact, studies have shown that a smooth functioning MRP system helps companies meet delivery schedules 95% of the time, or better.
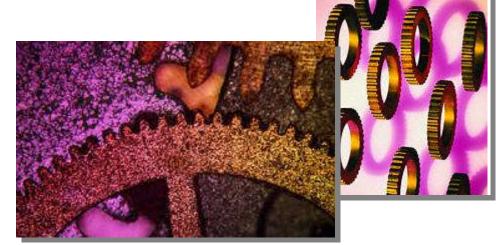
Because a material requirements planning system anticipates when material shortages will occur and recommends plans to replenish the shortage, it is highly complex and extremely detailed. Consequently, the voluminous, precise reporting needed to make it functional usually requires a huge staff of people.

The Materials Requirements Planning (MRP) system minimizes clerical efforts. It's logistically manageable and economically feasible system that can help your company improve on-time delivery, minimize inventory investment and maximize productivity.

Besides streamlining inventory ordering, MRP also provides the data to generate financial and operational control reports, and help maximize company capabilities. These, in turn, enable management to test a variety of inventory plans. The net effect, according to an industry study, is that a functioning MRP system can help a company reduce inventory by 20—40 %.

With MRP, you can:

- Know future requirements and negotiate with vendors better.

- Reduce the stress of having to expedite orders.

- Improve vendor relations with proper planning.

- Factor in lead time for each product.

- Maintain Safety Stock for certain products.

- Cut inventory levels.

- See future factory loads.

- Improve employee satisfaction with future planning.
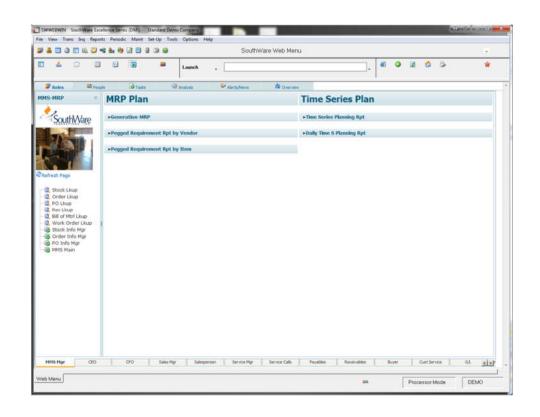
MRP
Key Features

Key Features:

- Maintain valid due dates.
- Maintain valid requirements
- Track future requirements
- Inventory netting
- Inventory streamlining
- Closed-loop manufacturing
- Time phased tracking

Reporting Features:

- Time Series Planning report
- Pegged Requirements report
- Time Series Planning inquiry
- Pegged Requirements inquiry
- Labor hours summary
- Past due reports
- MRP net changes

Standard Features:

- Seamless integration into Southware Standards
- Reportmate capabilities

MRP can help you answer such questions as, and allows you to:

√ **When should we place an order?**

√ **When are we going to run out of a product?**

√ **Can we manufacture this order now?**

√ **Will we be able to have the raw goods in time for a smooth manufacturing run?**

√ **Improve on time deliveries**

√ **Access inventory overviews**

√ **Aids in planning for abnormal usages**

√ **Coordinate with other modules of the system for better planning**

√ **Recalculate requirements in a timely manner**

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