

## Master Scheduling and Forecasting

QMRP™ Master Scheduling and Forecasting defines the forecast periods that master scheduling and finished goods planning will operate within and then generates new period forecasts for sales items that can be updated into aggregate family groupings. Individual forecast adjustments can then be made, if desired.

Master Scheduling and Forecasting programs handle standard stock items and modular items for final assembly scheduling. The modular (also called "option" or "configurable") bill structure is similar to that of standard items but includes a planning field for the popularity of a given option. The bill can also incorporate special routings for components, which are included in the manufacturing order if the modular component is selected when the sales order is processed.

The Customer Order Processing module tracks the popularity of options selected during the entry of modular order lines. This data is then available in the master scheduling files for analysis, maintenance, and subsequent update back into the modular bill, to provide for more accurate planning.

### Highlights:

- Provides the tools and information necessary for top-level planning and execution control.
- Interactive inquiry and maintenance can generate an on-line requirements plan for an individual item, including requirements and supply pegging.
- Dependent and independent demand pegging inquiry shows all transactions that are planned for finished goods.
- Planned orders can be automatically replanned within the review period.
- Planning periods and forecasting is user-defined.
- Forecast horizons are user-selected.
- Finished goods production plan drives material requirements planning to schedule lower-level subassemblies and raw material.
- Calculates "available to promise" (ATP) to provide actual product availability by planning period.
- Planned forecasts are consumed as stock is sold.
- Allows modular products to be planned by family and popularity for later consumption when modular sales orders are processed.
- Allows for both manual and automatic forecasting for dependent and independent items.
- When planning in multi-branch environments, stock on-hand from additional branches can be included or excluded at the user's option.
- Supports the use of firm planned orders and firm released orders to allow manual plan overrides.
- The Forecast Performance Report shows difference between forecast and sales.
- Provides for planning and scheduling down to a single day.
- A forecast can be spread into smaller increments over the forecast period.
- A forecast developed on a PC can be imported directly into the forecast file.
- A forecast template can be created for simplifying manual forecast input.
- Exception messages can be filtered.



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