

Master Production Scheduling

Balancing and integrating the needs of marketing, manufacturing, and finance with the needs of your customers.

The master production scheduling process translates a business plan into a dynamic and comprehensive product manufacturing schedule. glovia.com Master Production Scheduling (MPS) helps your management team balance and integrate the needs of marketing, manufacturing, finance and most importantly your customers.

Powerful Scheduling Tools

Master scheduling requires ongoing analysis, measurement and adjustment to achieve revenue goals and ensure profitability through the careful allocation of materials and resources. MPS gives you a set of powerful tools for resource planning and scheduling, analysis, and performance measurement.

Planner's Workbench

A Planner's Workbench provides the means for consolidating all planning and scheduling functions onto one easy-to-use screen. The workbench gives you immediate access to information in all areas necessary for successful planning / scheduling including sales demand, committed production, and purchased and planned supply. This allows planners, analysts, and program managers to react quickly and easily to any exceptions that occur.

Complete Planning Visibility

To help resolve any conflicts, MPS takes a variety of variables into account, including available inventory, forecasted sales, actual backlog, and firm planned production, among others.

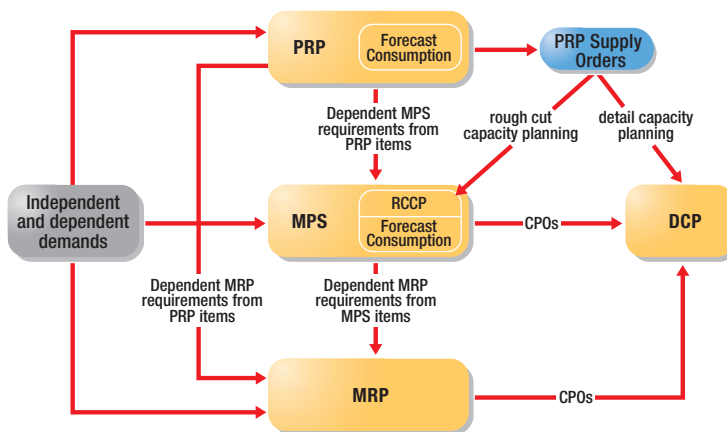
"What If" Simulation

A "What If" simulation capability ensures the best possible manufacturing scenario by allowing you to analyze the effects of alternate scenarios, using either current or simulated data.

Scheduling Cycles

And because no single view of your supply and demand data can satisfy all of your planning needs, MPS enables you to create and maintain an unlimited number of planning scenarios. One for near-term deliveries,

The Planning Hierarchy



another for long-range production capacities, and so on. Each cycle provides a unique view of the information necessary to help you develop the correct priorities for your factory.

Instant Available-to-Promise Information

Your customer has an emergency requirement for an item that is in critical demand. Can you make the shipment? Our on-line Available-To-Promise (ATP) feature allows you to instantly investigate the current product availability. You'll have up-to-the-minute item information at hand to make critical delivery commitments.

Performance Measurement

MPS can give you an on-line "snapshot" estimation of the profit or loss that your build plan will yield. Performance analysis can be based on current or simulated data. This helps you focus on areas of maximum payback and set priorities before committing critical resources.

Master Scheduling

- Planning workbench
- Multiple scheduling cycles
- Concurrent MPS planning views
- Cycle options and policies consistent with MRP controls
- Choice of current or simulated data for what-if analysis
- Multi-level pegging
- Master schedule items at multiple levels
- Independent and dependent demand items
- Spares item scheduling
- Time fence control at item level
- Computer planned orders
- Selectable CPO conversions
- Generation of purchase requisitions and contract releases
- Creation of manufacturing orders

On-Screen Exception Planning

- Paperless analyst review of suggested actions by item
- Reschedule open commitments by system-suggested due date
- Highlights items with inadequate lead time
- Overstock analysis
- Cancellations suggested
- Sensitivity filters allow planners to control volume and types of exceptions

Planning Bill of Materials

- Parent item may be a model, product or family group
- Support of revision control

- Current or simulated versions
- Component mix percentages

Forecast Demand

- Automatic generation of repeating forecast based on quantities, intervals and dates
- By location within operating unit
- Item forecasts generated from planning bills
- Pegging to demand source
- Forecasts optionally consumed by bookings
- Demand stream references
- Forecast maintenance

Firm Planned Orders

- By location within operating unit
- For multiple products with scheduled deliveries
- Option to convert to manufacturing orders
- Support for full attributes of manufacturing work orders

Rough-Cut Capacity Planning

- Current or simulated analysis of critical resources and capacities
- Based on representative routings

Sample Inquiries and Reports

- MPS Planning by Item
- MPS Exceptions by Item
- Available-To-Promise
- Critical Path Lead Time
- MPS Detail
- MPS Summary
- MPS Exceptions
- Sales and Operations Planning

Glovia International

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