

Balance supply and demand

- ▶ Plan and control manufacturing and distribution facilities
- ▶ Reduce problems of over stocking unnecessary inventory
- ▶ Control finished goods
- ▶ Assemble to order products

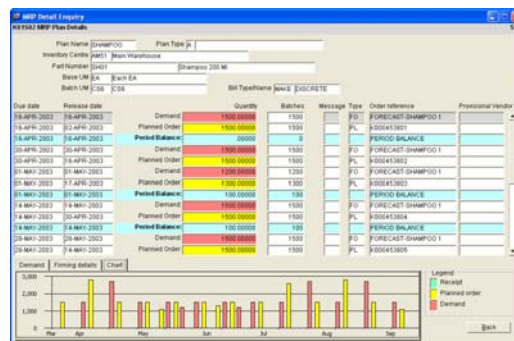
Planning is where resources are allocated to satisfy customer demand or to build product to a specified schedule (as in build for stock organisations).

Answer Planning provides Production Control, Purchasing and Senior Management with the information needed to plan and control the Manufacturing and Distribution facilities.

This means you can maintain the correct Parts in stock, at the right time to meet all needs. It identifies both Purchasing and Manufacturing activity and has to respond to hour-by-hour, day-by-day events together with future planned activity, thus reducing the problems of over stocking unnecessary inventory.

Planning comprises three module elements:

- ▶ Master Production Schedule Planning (MPSP)
- ▶ Material Resource Planning (MRP)
- ▶ Capacity Requirements Planning (CRP)



Answer Master Production Schedule Planning (MPSP) at a single level is a useful technique for planning and generating two distinct but interrelated items of information:

- ▶ A Purchasing Plan for factored/purchased Finished Items
- ▶ A Rough Cut Capacity Plan for proposed Manufacturing Orders

The allocation of a provisional Vendor enables Vendor Purchase Schedules to be printed and the Portal Vendor enquiries to show planned activity

Answer MPSP is used to control finished goods and assemble to order products. Using inputs from other Answer Modules, it calculates gross requirements and available to promise figures, resulting in Planned Requirements and associated actions.

As an integral component of Answer Enterprise, MPSP integrates with Inventory Management and Warehousing, MRP and CRP, Sales and Purchasing, and Quality Management modules. It will ensure your high level Product or Group Product demand is managed in the optimal manner for your business.

Multiple Demand Inputs

- ▶ Forecast Demand Tables, which can contain Daily, Weekly, Periodic demands
- ▶ External Forecast Demand Source Tables, imported from Forecasting Tools, Excel spreadsheets and so on
- ▶ Customer Orders
- ▶ Inter Company Customer Orders
- ▶ Customer Sales Quotations of a selected Confidence Factor
- ▶ Combination of Demand Inputs and Time Fencing Capabilities

Multiple MPSP Simulations

- ▶ Unlimited Simulations
- ▶ Option to Centrally Plan
- ▶ Option to Include Sales Reservations
- ▶ Option how to date Safety Stock Requirements
- ▶ Manage Shelf Life Expired/Expiring Stock
- ▶ Optionally Plan as if Stock was Zero
- ▶ Options to plan By Products, Co Products and Waste
- ▶ User defined Order Policy Codes/Rules
- ▶ Creates full Available To Promise by Period
- ▶ Define which Simulation is regarded on the 'Active/Action' for inclusion into ATP enquiries, Vendor Portal activity and so on
- ▶ Optionally apply Time Fencing, generically or Part specific
- ▶ Optionally apply Time Grouping
- ▶ Single Level 'pegging' of demand versus planned requirements
- ▶ Include Inventory based on User definitions of when available utilising Inventory Status Codes to further refine all Planned recommendations
- ▶ Full Cost valuations available of all planned recommendations
- ▶ Allocation of provisional vendor

Group Part Demand Management

- ▶ Define Group Parts and Constituents/Components
- ▶ Define Forecast Demand for Group Parts

Time Groups

- ▶ Flexible, User Defined Grouping for Enquiries and Reports
- ▶ Grouping Periods of Day, Weeks, Months, Years
- ▶ User Defined Period Lengths
- ▶ User Defined Period Repeats
- ▶ Aggregate Time Group buckets based on Planned Order Release Date or Due Date based on user preferences
- ▶ Define what happens to Planned Orders with Due Dates prior to today, ignore or place in first available Time Group bucket

Full Review and Action Processing

- ▶ Planned Orders
- ▶ Expedite and De Expedite
- ▶ Cancel
- ▶ Convert at base, purchase unit of measure or manufacture unit of measure as is appropriate
- ▶ Full conversion of Planned Orders to Work Order/Schedules, Purchase Requisitions or Purchase Orders

Lead Time Offset

- ▶ Use Purchase Part Receiving/Inspection times as 'internal' time for whatever purpose, quality assurance and so on
- ▶ The Receiving/Inspection time is still used as part of the overall parts' lead time but not 'given' to the vendor
- ▶ Lead Time Offset, Receiving/Inspection is in work days and is used when calculating expedite and de-expedite scenarios

Reporting and Analysis

- ▶ Exception reporting
- ▶ By Product reporting
- ▶ Planned Orders reporting and by Time Group
- ▶ MRP Schedule reporting and by Time Group
- ▶ Potential Surplus Stock Analysis
- ▶ Cash Requirements reporting and by Time Group

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