

Production Planning & Control

The strategy of Matrix is to provide special vertical market solutions for certain industries such as Chemicals & Pharmaceuticals, FMCG, Healthcare, Retail and Engineering Construction.

→ Matrix Production Planning and Control is geared to handle

- a. Continuous process (batch process)
- b. Repetitive manufacture
- c. Assembled to order
- d. Engineered to order

→ Matrix Production Planning and control is integrated with the following Matrix modules

- a. Matrix Production
- b. Matrix Materials Management
- c. Matrix Sales and Distribution
- d. Matrix Costing

→ Objectives and Advantages

- a. Accuracy in Production Planning while considering capacity utilization.
- b. Comprehensive Material Requirement Planning
- c. Calculation of production Efficiency and Wastage.
- d. Demand planning through sales forecast model.

→ The Matrix Edge: features and highlights

- Defines processes for different stages of manufacturing and execution of work against Production or Works Order and offers detailed information of work in progress.
- Creates Bill Of Material recipe for various processes. It is possible to define the Bill Of Material upto 'n' level. Defines process-wise/line-wise production capacity, keeping in mind the organizational constraints such as labour, working hours and number of shifts. Details of man-hours worked, machine downtime and production efficiency are recorded.
- Prepares Master Production Schedules. Where applicable, the MPS can be segregated into Frozen 9 (for current month), Firm (for the next month, to be changed under exceptional circumstances), and Open (for the third).
- Defining combinations of system like labour working his shifts.
- Generates detailed weekly production plan, prepares production orders for shopfloor control, and tracks production, quality inspection and issue of material on basis of predefined receipt. Provides details of yield after rejection and by-products and scrap generated. These details are available date-wise, batch-wise and order-wise. These help in production analysis on a historical basis. The production record forms the basis of the maintenance of the excise records and updates the inventory module with the stocks.