



Enterprise Material Management System

Key Features & Functions

- Auto and Manual Material Requirement Planning
- Capacity Planning & Forecasting
- Just-in-Time Supplier Scheduling Integrated with MRP
- Auto & Manual Request for Quotation
- Collaboration with Suppliers
- Pricing Catalogs for Past References
- Raw, Bulk, Liquid and Packaging Inventory with Multiple Facilities and Locations
- Component-base and Stage-wise Product Structure (Bill of Material)
- Discrete and Batch Production
- Production Scheduling Factors in the Realities of Production Floor
- Production Tracking at all Stages
- Labor & Overheads Monitoring
- Work Order Sub-Contracting (Splitting)
- Re-manufacturing & Reconditioning
- Effective Quality Control at all Stages
- Cost by Multiple Categories & Methods
- Scrap, Shrink and Yield Measurement
- Variance-to-Standard Analysis

Solution Integration

Sales and Distribution Management System

Financial Management Information System

Intranet

Business at the Pace of Technology

In the ever-changing business environment with technology, companies must efficiently orchestrate the flow of materials and products among multiple manufacturing and distribution sites. Accuracy and timely records of production activity with efficient use of labor, overhead and inventory tracking; all are making material management more complex.

Solution is Our Concern

EMMS simplifies all of your processes including procurement with end-to-end visibility of your inventory having mixed mode production processes. Implements production scheduling factors and change management according to real scenarios with effective quality control from material warehouse to finished-goods warehouse; having managed standard, weighted-average and actual cost.

Experience Delivered

EMMS provides a decade long experience having implemented automatic Material Requirement Planning involving Capacity Planning, Supplier Scheduling, Forecast Revisions, Automated Vendor Quotations Collection thereby creating Pricing Catalogs for past reference and above all real time inventory valuation at multiple locations, also planning discrete and batch production with stringent production tracking to facilitate smooth functions.

Return on Investment

Speed of doing business is critical to success, the shorter the planning cycle the quicker you can put your production schedules into action, while reducing the cost of inventory and delivering goods to right customer at right place.

Enterprise Material Management System comprises the following sub-systems

Inventory Management System

- Manages raw, bulk and packaging materials inventory.
- Deals with issues, adjustments and transfers
- Effectively maintains hierarchical categorization of materials & locations.
- Develops detailed transaction ledgers.
- Controls multiple unit of measure processing.

Procurement Management System

- Generates request for quotations.
- Controls quotation recording and prioritization.
- Appraises departmental performance and checks limit of authority.
- Establishes online collaboration with suppliers.
- Records and analyze suppliers' performance.
- Develops pricing catalogs and history.

Imports Management System

- Maintains and manages items' and parties' profile.
- Generates cost sheets and calculates the landed cost of items.
- Indemnity Bond Management.
- Helps generation of letter of credit (LC).
- Monitors expense heads.

Quality Assurance Record Management System

- Develops and monitors raw and process material specifications and results.
- Develops and employs stability protocols.
- Maintains shelf life specifications.
- Generates stability result sheets.

Production Planning & Control Management System

- Employs automatic Material Resources Planning (MRP).
- Does capacity planning effectively.
- Creates suppliers' scheduling.
- Develops revised forecasts.
- Controls expiry through expiration planning.
- Generates user defined product structure & formulations.
- Compares actual and targeted yields.
- Tracks hours, quantity, products and materials in chain management.
- Manages work orders with lot / serial no.
- Caters remanufacturing.
- Facilitates operations being integral cost centers.

Cost Management System

- Capable to involve multiple costing methods like standard, weighted-average and manufacturing last-in (actual).
- Capable to involve multiple categories in costing like costing by material, direct and indirect labor, machine overhead, extra costs, etc.
- Measures yield and analyzes variance to standard.



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