

JD EDWARDS WORLD REQUIREMENTS PLANNING



Simplify the planning process.

Reduce production and inventory costs.

Improve customer service.

The Issue: Complexity

To maximize customer service while keeping costs in line, you must be sure that demand for your products can be met with available resources. In addition, you must also be able to orchestrate the flow of material and products among multiple manufacturing and distribution sites efficiently. Add the challenge of balancing supply and demand, and your planning environment becomes extremely complex.

The Solution: Simplicity

JD Edwards World Requirements Planning simplifies your planning process by making it easy for you to incorporate all enterprise locations and mixed-mode production processes under one requirements planning umbrella. One-pass planning capabilities enable you to:

- Execute DRP, MPS, and MRP for your entire enterprise in a single processing run— regardless of the number and kinds of facility interdependencies.
- Easily focus on all requirements or on a selection of items, planning families, and/or facilities.
- Eliminate inaccuracies caused by time delays between planning runs.

Integrated capacity planning ensures that you have the manufacturing resources available to meet scheduled production. And, for just-in-time replenishment, your requirements plans can be translated automatically into advanced demand and shipping schedules for your supplier partners.

Support Mixed-Mode, Multifacility Environments

Requirements Planning enables you to choose the most efficient planning configuration for your diverse planning needs. You can use the Requirements Planning solution within a single manufacturing plant or across your multifacility enterprise. Hybrid or mixed-mode manufacturing strategies are supported and linked simultaneously, including engineer-to-order, make-to-order, make-to-stock, assemble-to-order, repetitive, and flow strategies. You can:

- Execute DRP alone or full DRP to either MPS or MRP.
- Designate any facility as a supply source, demand source, or both.
- Execute a net change or a full regeneration.
- Add items that may be in transit or in inspection into on-hand calculations.
- Select your planning horizon with a combination of daily, weekly, or any other user-defined periods.
- Include or exclude sales, purchase and transfer orders and/or line types, as your operations warrant.

With Requirements Planning, you can choose the right planning tool for the job. Though you can use Requirements Planning as a standalone solution, it is fully integrated with components of JD Edwards World Advanced Planning.

Reduce Costs and Improve Response

JD Edwards Requirements Planning gives you the solid, feasible plans and schedules you need for stable, low-variety manufacturing processes. You can meet your goals of reducing production and inventory costs while delighting your customers with the service and products they want, when they want them.

Feature/Function Highlights

- Single-pass DRP, MPS, and MRP:
 - Supply/demand inclusion rules.
 - Frozen MPS.
 - Select types of lot holds.
 - Expiration planning.
 - Rate-based scheduling.
 - Pegging.
 - Capacity planning.
 - Co- and by-products.
 - Yields by operation.
 - Forecast consumption by periods or order types.
- User-defined time series:
 - Adjusted quantities
 - Unadjusted quantities.
 - Summarization.
 - Flexible display buckets.
 - Variable month-end specifications.
 - Bucketless planning.
- Just-in-time supplier scheduling:
 - Integrated with MRP.
 - Shipping schedule definition.
 - Multiple schedule horizons.
 - Schedule revisions.
 - Electronic kanbans.
 - Pay on consumption.

- Automatic blanket order releases.

Solution Integration

- JD Edwards World Sales Order Management
- JD Edwards World Base Configurator
- JD Edwards World Inventory Management
- JD Edwards World Demand Forecasting
- JD Edwards World Demand Consensus
- JD Edwards World Procurement
- JD Edwards World Product Data Management
- JD Edwards World Shop Floor Management
- JD Edwards World Plant and Equipment Maintenance Management
- JD Edwards World Production and Distribution Scheduling
- JD Edwards World Production Scheduling—Discrete
- JD Edwards World Production Scheduling—Process

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