



Infor ERP XA MRP



I discrete manufacturing

Meet Forecasted & Actual Customer Requirements

Infor ERP XA Material Requirements Planning (MRP) lets manufacturers plan production and purchase orders to meet forecasted and actual customer requirements — from reviewing requirements, entering requirements for master level items, through planning and releasing supply orders, and identifying changes required to released orders as requirements change. Infor ERP XA MRP can be used alone or in conjunction with Infor XA Master Production Schedule Planning, Infor ERP XA InterSite Logistics, or Infor ERP XA Capacity Requirements Planning, to address planning needs.

The Challenge

Manufacturers struggle with maintaining just the right amount of inventory. They must strike a balance between what is actually consumed and what they anticipate will be needed. Excess inventory can be costly; insufficient inventory even more so.

The Infor Solution

Infor ERP XA MRP ensures manufacturers will always have the right parts and components on hand to fill orders. It projects when to produce or purchase materials and specifies how many items are needed, based on demand requirements. After specifying how many end-items or service parts are needed and when, Infor ERP XA MRP uses the bills of material specified in the Infor ERP XA PDM application to examine each component part and recommend replenishment orders as necessary.

During the planning run, Infor ERP XA MRP examines the balance of each inventory item, and if the requirements entered exceed the quantity on hand, the system automatically generates a planned order, which recommends purchasing or building a given quantity of an item (specifically, the amount necessary to bring inventory's on-hand balance to a level at least high enough to the requirements) by a specific date.

Features

Master Level Item Scheduling

Interactive review of forecasts, customer projected demand received via EDI, and customer orders, and entry of “manual” item demand. Optional interface with Infor XA Forecasting, Infor XA Electronic Commerce, Infor XA Customer Order Management, Infor XA Master Production Schedule Planning.

Multi-Warehouse Demand Planning

Include forecast or customer orders from distribution sites, and planned intersite orders from other production sites while planning the supplying warehouse. Optional interface with Infor ERP XA InterSite Logistics.

Ensure the proper inventory to fulfill demand

Free plants to be used for production, instead of inventory

Facilitate bill of material accuracy

Deliver timely planning information for suppliers

Recommend production and purchase quantities, as well as start dates

Reduce the instance of manual and human errors by automating the process

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Infor takes pride in the 20 years of experience we have in the manufacturing industry. Using our deep base of industry knowledge and proven communications and planning applications, we help suppliers and manufacturers achieve their business goals.

We are passionately focused on providing comprehensive solutions that meet the unique challenges of the manufacturing industry on a global scale. Our solutions are comprehensive, open and modular, giving you the optimal choices to meet today's challenges and leverage tomorrow's opportunities.

Requirements Planning

Plan new supply (production, purchase and intersite) orders and changes to existing orders, to meet requirements, considering safety stock, bill of material, item lead time, ordering policy, and existing on hand and supply orders. Optional interface with Infor ERP XA Capacity Requirements Planning to review planned load over time vs. capacity.

Planned Supply Order Release

Interactive review and release of new supply (production, purchase and intersite) orders, including component availability check for production orders. Optional interface with Infor ERP XA Order Based Production Management, Infor ERPXA Purchasing, Infor ERP XA Procurement Management, Infor ERP XA InterSite Logistics.

Planned Demand Transfer

Transfer planned demand to other production sites using Infor ERP XA InterSite Logistics. Send projected demand to suppliers as EDI planning schedules using Infor ERP XA Electronic Commerce.

Availability

Beginning with Infor ERP XA ERP Release 6

Requirements

Infor ERP XA Inventory Management

Either Infor ERP XA Enterprise Product Data Management or Infor ERP XA Product Data Management



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