focus on essentials

Infor XA Repetitive Production Management

Determine realistic schedules and reduce manufacturing costs

Reduce line congestion

Monitor schedule performance on a timely basis

Maintain tight operating and audit controls

Reduce material obsolescence

Improve productivity

Improve responsiveness to customers

Reduce paperwork

Reduce data entry requirements

Control Manufacturing Processes Through Production Schedules

Infor XA ERP's Repetitive Production Management (REP) is a plant-floor control application that supports continuous or flow production environments, providing essential scheduling, tracking and material management capabilities.

The Challenge

Manufacturers that build or assemble products on a frequent basis enjoy the benefits of a constant routine. However, running your assembly line based on work orders can work against this flow, defeating any of the benefits that repetitive production processes otherwise realize.

The Infor Solution

The Repetitive Production Management (REP) application is a manufacturing execution application designed for manufacturers that build or assemble products on a daily or frequent basis. It gives you the ability to control manufacturing processes through production schedules rather than traditional shop orders. With production line scheduling, REP schedules work by line by day with no formal work order identification.

REP enables manufacturers to gather and analyze demand information as input to the scheduling process. It improves schedule entry and sequencing, facilitates schedule release and helps monitor schedule performance and schedule purge.

REP works with XA for iSeries Inventory Management and Product Data Management to control the flow of materials to the production lines. It reports the completion of product, triggering backflushing of both material and labor usage. And with component flow, REP enables you to prime the line and stage components at point-of-use, replenish inventory that reaches predefined quantities and/or run activity reports.

REP fully integrates with Infor XA ERP's planning, inventory management and financial applications. For plants with a mix of continuous flow and traditional batch production, REP and Infor XA ERP's Production Control and Costing application can co-reside on the system without interfering with each others' functions.

Features

Daily Scheduling

Extract requirements from actual, planned and user-defined demand to develop daily or intermittent schedules.

Requirements

Develop smoothed schedule requirements for continuous flow manufacturing.

Item Schedules

Maintain item schedules in relation to current schedules, new schedule requirements, line capacity, and component availability.

Manufacturing Schedules

Release, track, and maintain manufacturing schedules automatically.

Calculations

Enter schedule receipts to calculate standard labor usage and relieve component inventory.

Schedule Performance

Provide schedule performance reporting by line, item and day.

Item Allocation

Allocate items from specific locations and batch/lots to manufacturing schedules.

Cost Comparisons

Summarize schedule costs (actual vs standard) by item and production line over a period of time.

Replenishment

Keep production lines replenished through electronic KANBAN.

Print

Print a variety of analyses and special reports to provide a sound basis for REP decisions.

Requirements

Infor CAS, Infor Inventory Management and one of the following:

• Infor Product Data Management
• Infor Enterprise Product Data Management

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