

JD EDWARDS ENTERPRISEONE INTEGRATION – DEMANTRA DEMAND MGT

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JD EDWARDS ENTERPRISEONE

KEY BENEFITS

- Multiple statistical forecasting models including exponential smoothing, Croston, ARIMA, and regressions.
- Multiple demand streams
- Collaborative and consensus forecasting
- Proprietary Bayesian forecasting handles multiple, simultaneous causal factors (including pricing and promotions)
- Chaining, attribute-based forecasting, and shape modeling predict new product demand and product phase-out
- Qualitative assumption-based planning
- Store level forecasting based on POS data
- Impact of promotions on supply chain costs
- Use workflow for alerts and exceptions
- Multi-dimensional analysis, reports, graphs, and worksheets

Maximize profitability with superior capabilities to better sense, shape, and respond to demand when you integrate Oracle products JD Edwards EnterpriseOne to Demantra Demand Management. This integration lets your JD Edwards EnterpriseOne system use a single, precise forecast to drive MRP process so that your demand-driven organization can provide higher service levels, generate more sales, have more satisfied customers, and lower total inventory and distribution costs.

The Issue: Better Forecast Accuracy in a Demand Driven, Consensus Based, Collaborative Planning Environment

You face many challenges with forecasting consumption of your products and more often you are being asked to work in a collaborative planning environment inside and outside your enterprise. You are also trying to be more demand driven and you need to increase your forecast accuracy or quickly converge on a consensus forecast to drive your supply chain planning process to keep inventory down while still meeting diverse and increasingly complex customer demand and requirements to any location supported by your business.

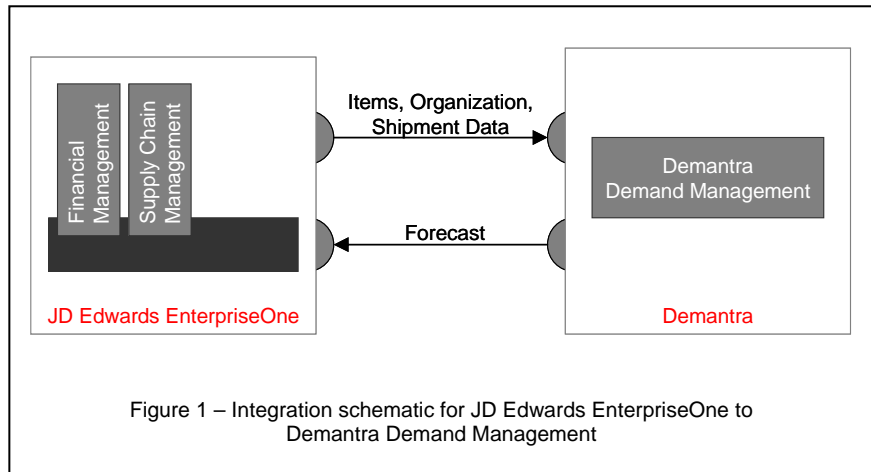
The Solution: Demantra Demand Management Integration with JD Edwards EnterpriseOne

The integration to two Oracle products, Demantra Demand Management with JD Edwards EnterpriseOne, gives you better forecasts to support your demand driven environment. With multiple forecasting methods, JD Edwards EnterpriseOne customers can determine the right forecast method to drive their MRP process. This integration supports your demand management process with a seamless, full cycle flow of information. This automated integration provides full administrator flow visibility and notification along with robust error handling and a complete recovery process. It is easily modified to support changes to your evolving business requirements.

Integration Overview

JD Edwards EnterpriseOne sends item, branch/plant, shipping history and customer information to Demantra Demand Management (see schematic in Figure 1). Demantra Demand Management sends your simple, precise forecast back to JD Edwards EnterpriseOne to be consumed by the MRP process.

With this integration JD Edwards EnterpriseOne you utilize all of the forecasting and planning capabilities of Demantra Demand Management with the full range of your implemented ERP processes.



Feature/Function Highlights

- Multiple statistical forecasting models including:
 - Exponential smoothing
 - Croston
 - ARIMA
 - Regressions
- Support multiple demand streams
- Collaborative and consensus forecasting
- Proprietary Bayesian forecasting handles multiple and simultaneous causal factors like pricing and promotions
- Chaining, attribute-based forecasting, and shape modeling to predict new product demand and product phase-out
- Qualitative assumption-based planning
- Store level forecasting based on point-of-sale data
- Impact of promotions on supply chain costs
- Use workflows to generate alerts and exceptions
- Multi-dimensional analysis, reports, graphs, and worksheets

Solution Integration

Integration between JD Edwards EnterpriseOne and Demantra Demand Management is available for JD Edwards EnterpriseOne starting with release 8.11 SP1 and Demantra Demand Management 7.1.1

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