

Oracle Value Chain Planning Integration Pack for Oracle's JD Edwards EnterpriseOne

KEY CAPABILITIES

- Collect key master data and transaction data for planning
- Execute key planning processes such as S&OP, demand sensing and shaping, risk management, inventory optimization, and multi-facility distribution and capacity planning
- Create, reschedule, an cancel production orders, purchase orders, and transfer orders
- Release consensus forecast for JD Edwards EnterpriseOne MRP planning
- Enable JD Edwards EnterpriseOne 9.0 and Value Chain Planning 12.1 integration

KEY BENEFITS

- Reduced total cost of ownership through prebuilt integration
- Standardized integration process for all Value Chain Planning applications
- Increased ability to sense and shape demand to drive profit
- Increased responsiveness to supply chain events
- Increased visibility to supply chain risk
- Improved customer service at lower supply chain cost
- Enhanced supply chain visibility through collaboration with customers and suppliers
- Improved profitability through integrated trade management
- Improved performance through predictive analytics

Leveraging Oracle's Application Integration Architecture (AIA), the Oracle Value Chain Integration Pack for Oracle's JD Edwards EnterpriseOne automates the plan-to-execute process for enterprises managing global supply chain operations. This prebuilt integration combines ease of use and rapid deployment capabilities of Oracle Value Chain Planning with Oracle's JD Edwards EnterpriseOne and can be easily extended to meet the unique requirements of your organization.

Automate your plan-to-execute business process

The Oracle Value Chain Integration Pack for Oracle's JD Edwards EnterpriseOne enables your organization to automate and accurately manage key planning processes, integrated with execution processes such as order management, procurement, and shop floor management. Based upon open, standards-based Service Oriented Architecture (SOA), Oracle's Value Chain Planning for JD Edwards EnterpriseOne Process Integration Pack provides best in class functionality and a business process platform to automate and accurately manage the plan-to-execute process. By leveraging Oracle Value Chain Planning, JD Edwards EnterpriseOne customers can predict supply chain risk, sense and shape demand, quickly respond to supply chain events, and continuously improve performance through predictive analytics.

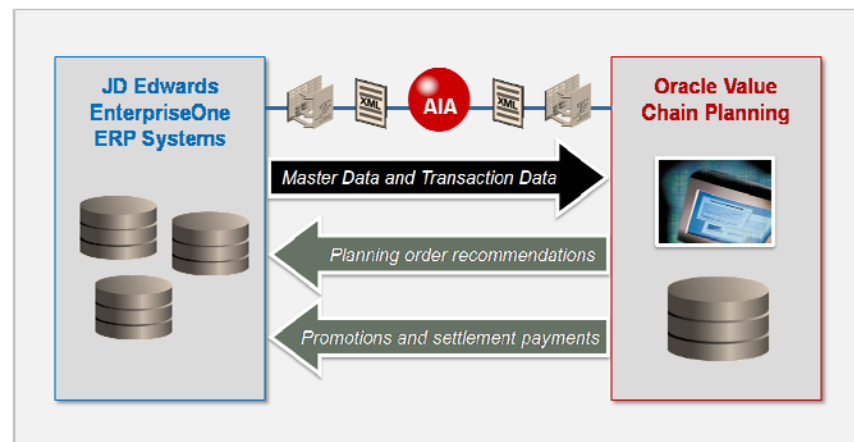


Figure 1. Oracle Value Chain Planning to JD Edwards EnterpriseOne Process Flow

The Oracle Value Chain Planning to JD Edwards EnterpriseOne Process Integration Pack (PIP) supports all aspects of managing the plan-to-execute process, including:

- Collection of master data from JD Edwards EnterpriseOne ERP such as items, suppliers, customers, branches, units of measures, resources, and calendars
- Collection of transactional data from JD Edwards EnterpriseOne ERP such as sales orders, production orders, purchase orders, transfer orders, and inventory positions
- Execution of best practice planning processes such as demand signal management, demand management, comprehensive trade management, continuous sales and operations planning, multi-facility supply and distribution planning, supply chain risk management, inventory optimization, collaborative forecasting with trading partners, production scheduling, and network design
- Release of planning recommendations for purchasing, deployment, and production (cancel, reschedule, create) – Integrated execution

Improve profitability and value add of your supply chain operations

Oracle Value Chain Planning enables JD Edwards EnterpriseOne customers to reduce supply chain cost, increase customer service levels, and increase profitability by using best practice integrated business processes to:

1. Predict market requirements and manage supply chain risk

- Sense demand closer to the point of consumption with real-time visibility to demand events
- Improve forecast accuracy through advanced analytics and improved consensus forecasting
- Predict impact of risk to your network by simulating planned and unplanned supply chain events
- Account for variability in your inventory positioning and postponement strategy

2. Shape demand for profitability

- Drive demand via promotions planning
- Manage new product introductions and marketing to shape demand and maximize revenue
- Maximize sales and improve execution by balancing supply and demand in a continuous sales and operations planning (S&OP) process

3. Align operational plans with corporate goals

- Plan your extended value chain with holistic supply and distribution planning
- Synchronize plans and actions across the extended enterprise
- Improve supply chain visibility and align trading partners via collaboration

4. Monitor and manage supply chain operations with embedded analytics

- Drive execution of alternative business planning scenarios
- Involve key decision makers by providing access to key planning metrics
- Leverage pre-built dashboards for S&OP, supply chain risk, and supply plan analysis

Integrated demand and trade management

By leveraging the prebuilt integration with Oracle Demantra, you can enable demand and trade management processes that span JD Edwards EnterpriseOne and Value Chain Planning. Key capabilities include the following:

- Collect sales order history, pricing, customer, item cost, promotion price history, and other key data from JD Edwards EnterpriseOne ERP
- Establish consensus forecast by combining inputs from Sales, Marketing, Operations, and Finance
- Improve forecast accuracy by using advanced statistics, combined with qualitative and quantitative characteristics
- Publish forecast to JD Edwards for use in JD Edwards EnterpriseOne MRP
- Publish promotions and promotion pricing to JD Edwards EnterpriseOne
- Manage and integrated deductions and settlement management and payment process

Integrated distribution and supply planning

Oracle Value Chain Planning offers a rich set of supply and distribution planning capabilities through the integration of JD Edwards EnterpriseOne with Oracle Advanced Supply Chain Planning. Key capabilities include the following:

- Collect master data (items, resources, bills of material, routings, approved suppliers, calendars, and customers) and transaction data (work orders, transfer orders, purchase orders, sales orders, and inventory positions) from JD Edwards EnterpriseOne ERP
- Plan multiple facilities with simultaneous material and capacity planning using constrained and unconstrained planning scenarios
- Improve planner productivity with exception driven planning and personalization
- Analyze and compare plans
- Select plan recommendations for release to JD Edwards EnterpriseOne execution (purchasing, production, and deployment)

Expand the solution to best practice planning processes

Oracle Value Chain Planning can be extended beyond the forecast-to-plan process by incrementally leveraging additional products that enable best practice processes such as:

[Continuous sales and operations planning and integrated business planning](#)

Oracle Demantra Real-Time Sales and Operations Planning helps you balance supply, demand, budget, finance, and capacity by combining data from Oracle Demantra Demand Management, Oracle Advanced Supply Chain Planning, Oracle Strategic Network Optimization, and Oracle Demantra Trade Management.

Leveraging Demantra Sales and Operations Planning Integration to Hyperion PIP, you can also use the integration between Demantra Real-Time Sales and Operations Planning and Hyperion Financial Planning to improve the financial review of your sales and operations planning process.

[Supply chain risk management](#)

Driven by Demantra Demand Management's consensus demand and demand variability, you can use Oracle Inventory Optimization to determine the most optimal

scenario to hold inventory at the right node in your supply and distribution chain or at the right level in your bill of material.

By combining this information with the powerful capabilities of Oracle Strategic Network Optimization to model alternative scenarios for planned and unplanned supply chain events, you can manage supply chain risk, determine the best sourcing strategy, and define the most profitable supply network.

Integrated production planning and scheduling

Oracle Advanced Supply Chain Planning generates feasible tactical plans that can be fine-tuned for each manufacturing facility in Oracle Production Scheduling. By analyzing floating bottleneck resources, you can increase the throughput of your shop floor and by firming the schedules back into your tactical plan, you can improve the quality of that plan in successive iterations.

Continuous performance management

Oracle Advanced Planning Command Center (APCC) enables a 360 degree view and analysis of key supply, demand, capacity, and finance data directly from your underlying Value Chain Planning applications. You can leverage APCC to implement predictive analytics and scenario management across all levels of your supply chain organization and dramatically improve visibility to corporate performance.

Reduce total cost of ownership through pre-built integration

Leveraging Oracle's Application Integration Architecture, the Oracle Value Chain Planning to JD Edwards EnterpriseOne Process Integration Pack automates the plan-to-execute process for enterprises managing global supply chain operations. By offering a prebuilt integration that combines the ease of use and incremental deployment of Oracle Value Chain Planning with the strength of Oracle's JD Edwards EnterpriseOne ERP, customers achieve the following key benefits:

- Leverage standards based integration for best practice business processes
- Extend prebuilt integrations to accommodate custom needs
- Reduce cost of ownership through certified and documented integrations

The Oracle Advantage

Leveraging Oracle Application Integration Architecture, the Oracle Value Chain Planning to JD Edwards EnterpriseOne Process Integration Pack provides everything you need to deploy a sustainable integration on a unified information architecture. By utilizing best practices and best in class Fusion Middleware, Oracle delivers a cost effective and adaptable end-to-end solution.

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