

# JD EDWARDS ENTERPRISEONE SUPPLY CHAIN BUSINESS MODELER



## KEY FEATURES

- Support for different planning levels and problems
- Standardized integration to ERP systems
- Standard representation and generic functionality requires less maintenance
- Complete representation of planning data

*JD Edwards EnterpriseOne offers planning products that provide operational, tactical, and strategic supply chain planning capabilities based on the use of constraints and business priorities to build cost-optimal customer models. JD Edwards EnterpriseOne manages the work order and manufacturing process from an accounting perspective and execution of production plans. Working together, the JD Edwards EnterpriseOne's supply chain planning products can provide much more detailed and feasible planning making the best use of available resources. JD Edwards EnterpriseOne Supply Chain Business Modeler is an out-of-the-box solution that answers the challenges posed by integrating products that have different data structures, which are required for different levels of planning.*

### **The Issue: Integrating Your Supply Chain Data**

In today's business environment, a collaborative supply chain is a must. Even simple supply chain networks pose many questions: What products to make and to ship? How much of each? From where would they be sourced? When should shipments be made? The combined answers to those and other planning questions impact profitability and customer service, and require several different products with different data representations to solve different planning problems.

### **The Solution: An Integrated Suite using Supply Chain Business Modeler**

Oracle's JD Edwards EnterpriseOne Supply Chain Business Modeler module addresses the issue of tailoring data to different planning representations without having to do extensive customization. Data is transferred and manipulated seamlessly to get the best representation for the level of planning that you require in your supply chain planning applications.

By providing standard data model formats Supply Chain Business Modeler minimizes the time and costs associated with customizing integration points between ERP and different supply chain planning applications.

Supply Chain Business Modeler provides an out of the box integration solution that is easily upgradeable and backwards compatible, reducing the cost of ownership of implementing and maintaining your supply chain management solution.

### **Solver Technologies Increase Knowledge of Your Complex Supply Chain**

Recognizing that different planning levels have different priorities, constraints and goals, the supply chain planning suite provides specific applications equipped with various advanced solvers to optimally manage and recognize those priorities, constraints and goals. Each supply chain planning module is embedded with solver technologies that are designed to solve specific

problems inherent in each level of supply chain planning. These require different model representations and different levels of aggregated data. Supply Chain Business Modeler facilitates transferring data from a detailed level used in ERP and aggregating it to the appropriate planning level for each planning module, from a short term detailed production plan to a higher level long term strategic plan.

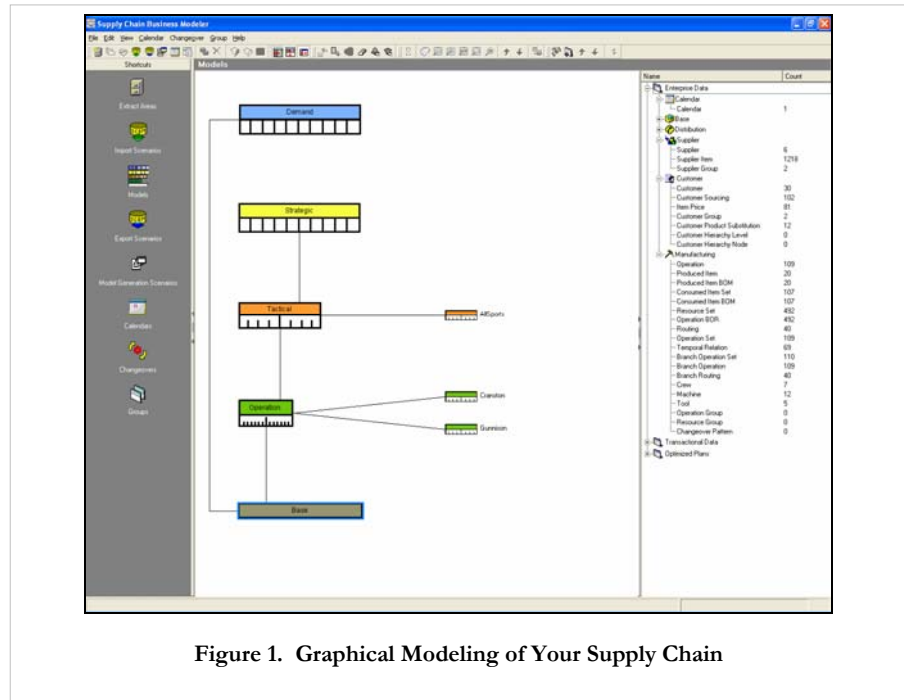


Figure 1. Graphical Modeling of Your Supply Chain

### Seamless Integration with JD Edwards EnterpriseOne

Supply Chain Business Modeler is integrated with JD Edwards EnterpriseOne and the Supply Chain Planning Applications, enabling you to quickly implement and realize a quick return on investment. Data can be extracted from JD Edwards EnterpriseOne that is formatted to comply with the structure of the Supply Chain Business Modeler data model. This means that data can be extracted from JD Edwards EnterpriseOne and imported directly into Supply Chain Business Modeler, where the data is aggregated to the appropriate level and models are prepared for each planning application. Optimized plans are then generated by the planning applications and these plans are passed back through Supply Chain Business Modeler to JD Edwards EnterpriseOne for execution.

### Incremental Deployment. Get Benefits Quickly. No Loss of Integration.

You can deploy all JD Edwards EnterpriseOne Supply Chain Planning products incrementally, enabling you to start with a smaller planning footprint quickly, while still leveraging the tight integration once all components are operational. Each additional module requires limited incremental effort to implement since all the components share a common foundation and work seamlessly together.

Supply Chain Business Modeler enables you to add on components and make upgrades with minimal effort by providing a framework that is backwards compatible and easily upgradeable.

So when you decide to change or upgrade your solution you can build upon the existing solution you already have in place rather than starting from scratch.

**Powerful Editors to Configure Planning Data**

While Supply Chain Business Modeler is integrated to the ERP system, some data required by the planning applications may not be represented in the ERP system. In these cases Supply Chain Business Modeler provides editors that allow you to configure data required for the planning application.

Supply Chain Business Modeler provides a graphical Calendar Editor that allows you to easily create detailed calendars that can be assigned to resources.

These calendars can then be published to the planning applications to provide detailed data that would otherwise be missing from the planning model.

The Change Over Editor also allows users to define detailed changeover rules that are used by the Supply Chain Planning applications to create plans that take changeover minimization into consideration.

By providing the ability to easily augment data that originates from ERP, Supply Chain Business Modeler allows you to easily

generate and store a complete planning model in a central data warehouse.

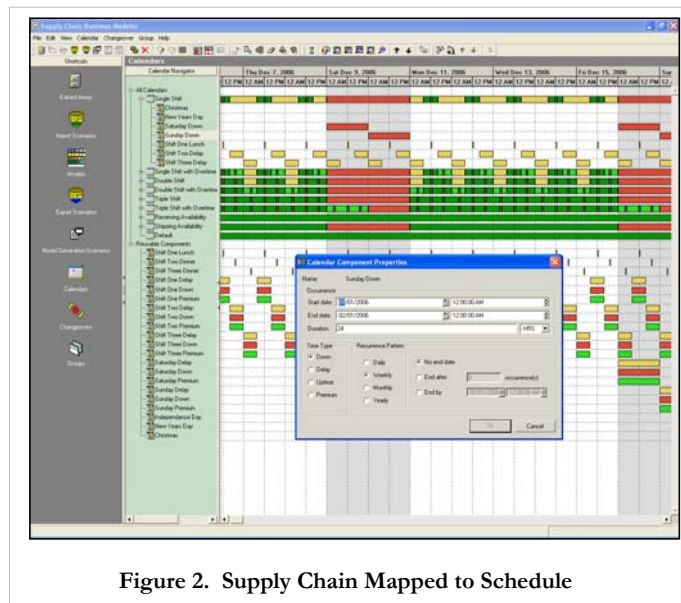


Figure 2. Supply Chain Mapped to Schedule

**A Complete Supply Chain Planning Solution**

JD Edwards EnterpriseOne enables you to efficiently manage customer processes, manufacture products, ship orders, collect payments, and more—all from applications that are built with unified information architecture. This information architecture provides a single definition of your customers, suppliers, employees, and products — all aspects of your business. Whether you implement one module or the entire suite, JD Edwards EnterpriseOne enables you to share unified information across your enterprise so you make smarter decisions with more insight.

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