JD Edwards EnterpriseOne Product Variants

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KEY FEATURES

- Improve inventory visibility for multi-variant products with the capability to drill down to any level of the product hierarchy.
- Inform customers of availability for each product variant with one matrix order entry view.
- Respond quickly to demand with flexible rules.
- Increase sales with the ability to sell with ease across the full product range.
- View all product variants from one screen.
- Increase ability of sales and service reps to sell across the product range.
- Set up inventory faster for new multi-attribute items
- Focused capabilities for distributors.
- Set up templates for parent items and define child items for different combinations of colors, sizes, and styles.
- Define business rules at the parent level and set them for respective children using automatic item generation features.
- Create separate order lines for each product variant selected during sales entry.
- Offer alternatives based on attributes and in-stock conditions during sales entry.

JD Edwards EnterpriseOne Product Variants is designed for any company that sells, manages, or procures end items or raw materials that have similar attributes such as size, color, or style. A matrix item structure identifies a parent item and categorizes child items based on their similar attributes. Order entry staff can easily view quantities and locations of items with similar attributes to bring into an order.

The Issue: Difficult, Costly Management of Multi-Attribute Products

Companies in many industries, including consumer products, industrial manufacturing, paper products, building materials, and apparel and fashion, offer ranges of multi-attribute products—sets of products that are available in a variety of colors, styles, sizes, flavors, prints, lengths, or other attributes. Clothing companies, for example, typically provide seasonal products such as summer shirts with a wide selection of sizes, sleeve lengths, collars, prints, and colors. Common challenges with managing these kinds of products include:

- Slow and difficult sales order entry when products have to be entered one at a time
- Slow and difficult search for substitutes when products are out of stock
- Time-consuming new product setup in the inventory system
- Inefficient inventory management due to poor visibility into the full product range

The Solution: Integrated Software for Speed and Visibility

With Oracle's JD Edwards EnterpriseOne Product Variants, manage a given multi-attribute product range easily, with visibility to the full range when you need it—especially at order entry. With matrix order entry capability, you quickly fulfill orders for multi-attribute items. When the order is entered, items are processed through the standard JD Edwards EnterpriseOne order-to-cash cycle. You can also leverage complimentary capabilities from the JD Edwards EnterpriseOne Order Promising, Advanced Pricing, Warehouse, and Transportation Management modules. In addition, to better forecast and plan demand for these items, JD Edwards EnterpriseOne can help you manage forecasts for multi-attribute products that are consolidated by group or by individual attribute.

Reducing Order Entry Time and Increasing Sales

JD Edwards EnterpriseOne Product Variants provides matrix order entry, enabling visibility to the full product range so that you can quickly enter sales and purchase

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- View of full product range at order entry
- User-definable product range templates
- Up to 10 user-definable product attributes
- Automatic item generation
- Inventory view by attribute
- Maintenance of items individually or as a group

orders. To help you increase sales, matrix order entry also shows the inventory available for each product, so you can easily offer substitute suggestions for out-of-stock products, as well as cross-sell throughout the product range.

Quick Introduction of New Products

JD Edwards EnterpriseOne Product Variants provides a quick way to set up a product range for new multi-attribute products in the inventory system. Rather than creating each product one at a time as in traditional inventory systems, you can set up a template where product attributes, attribute values, and business rules (such as price, cost, and stock type) can be defined. Then the system automatically creates all the items within the range, providing unique inventory numbers and attaching the standard business rules. This capability saves considerable time.

Responding Quickly to Demand

It is efficient to automatically generate a range of items that all have the same business rules. After setup, you gain flexibility to change business rules for an individual product when necessary. For example, limited availability for a new, seasonal ice cream flavor —such as watermelon—may warrant a higher price than that for other flavors. With Product Variants, you maintain items at either the group or the individual product level.

Improving Inventory Visibility

JD Edwards EnterpriseOne Product Variants enables you to "slice and dice" inventory information for multi-attribute products. You can view inventory availability for promotion planning purposes or assess availability for a potential order. For example, you can determine how many blue shirts are in a particular style, regardless of the shirt size and sleeve length, by viewing your inventory by attribute in Product Variants.

Focused on Distributors

While JD Edwards EnterpriseOne Product Variants is targeted at distributors in the fashion industry, it is also a full-featured solution used by any distributor interested in multi-attribute items. (Capabilities do not extend to manufacturing bills of materials or trim optimization functionality for construction items such as lumber and steel.)

Solution Integration

This module is integrated with the following JD Edwards EnterpriseOne products and families across your operations using common tools and a Pure Internet Architecture:

- JD Edwards EnterpriseOne Financial Management
- JD Edwards EnterpriseOne Order Management
    - Advanced Pricing
    - Agreement Management
- JD Edwards EnterpriseOne Supply Chain Planning
    - Order Promising
- JD Edwards EnterpriseOne Supply Chain Execution (Logistics)
    - Inventory Management
    - Transportation Management

- - Warehouse Management
- JD Edwards EnterpriseOne Supply Management (Procurement)
  - - Procurement and Subcontract Management

Product Variants vs. Apparel Management: Additional Information

Product Variants supports the automatic item creation generation based on attributes and matrix entry within Sales Order Entry and Procurement Entry.

If additional matrix functionality is required beyond what Product Variants offers, the Apparel Management solution should be considered.

Apparel Management extends the multi-attribute functionality by offering manufacturing and distribution companies the following additional functionality:

- Automatic Item Creation Generation based on Attributes
- Matrix entry within SOE & POE
- Item Matrix Maintenance Management
- Matrix Entry within Inventory Issues, Adjustment, Transfers
- Inventory Matrix of Multi-Attribute Items Availability
- Collection Management/Price Lists
- Sales Order Mass Update of Style Items
- Size Management; Top/Bottom and Color Ratio Management
- PDM/Shop Floor Work Order Creation/ Matrix Messaging
- Master Work Orders
- Embedded Allocations Functionality

See the Oracle JD Edwards EnterpriseOne Apparel Management Data Sheet for further insight to this product offering.

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