Oracle JD Edwards EnterpriseOne Interface Brief

Varsity's Oracle JD Edwards EnterpriseOne™ interface seamlessly exchanges shipment and order data between EnterpriseOne and ShipSoft™, ShipPack™, and ShipSelect™.

Seamless Order Management and Shipping

By tightly integrating EnterpriseOne with ShipSoft, the JD Edwards EnterpriseOne interface enables transparent order processing from order entry through delivery. Shipment and order information is shared across the organization enabling:

♦ Instant visibility to shipment status and simplified requests for proof of delivery
♦ Accurate shipping costs for invoicing and analysis

The interface between ShipSoft and EnterpriseOne is written using the EnterpriseOne toolset and RPG. The interface requires a minimal amount of IT resources and, once implemented, runs seamlessly.

Adaptable Technology

For users of ShipPack, ShipSoft's pick/pack module, the interface between ShipPack and EnterpriseOne pulls pick slip details and populates those details against the order being packed. Once packing is complete, the interface returns fulfillment information in real-time from ShipPack into EnterpriseOne.

Selecting a Carrier

Users choosing to select carriers based on their own routing guide can use ShipSoft's ShipSelect module to automate this process. From the Oracle JD Edwards Print Pick Slip (R42520) process, a program is initiated to query ShipSelect, which automatically analyzes criteria such as transit time, carrier preference, cost, mode, performance, and carrier service types to present the optimal carrier based on the user's particular criteria. This guarantees the optimal carrier is chosen for every shipment, while conforming to user's own routing guide requirements.

Packing and Shipping an Order

From the Oracle JD Edwards Pick Confirmation Program P4205, a program is called to populate ShipSoft Files VPHEDR, VPDETL, and VPSHIP with order information. This program is called from every line that is pick-confirmed. The user then packs the order in ShipPack and initiates the shipping process, ensuring all line level detail is captured and tracked.

At Ship Confirmation time, a program receives the Pick Number and Line Number from ShipSoft and writes these lines to Ship Confirm lines in EnterpriseOne. As soon as orders have been processed at the shipping station, the shipment history and status information is available to all EnterpriseOne users.
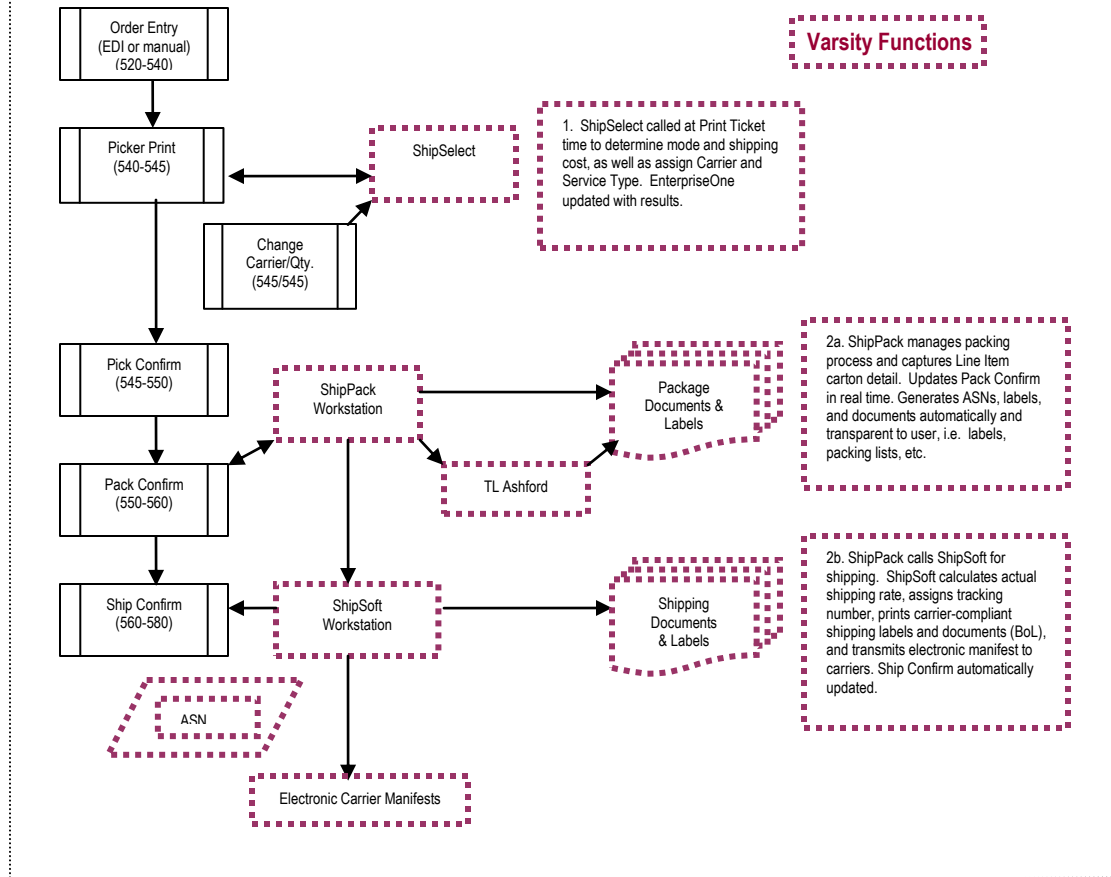
Varsity's Oracle JD Edwards EnterpriseOne interface offers many advantages. This cost effective, pre-built, standard interface expedites the implementation process yet does not limit specific customization. The interface is highly configurable, and can interact with the EnterpriseOne database at many points in the supply chain process.

Commitment to Customer Satisfaction

As an Oracle Silver Partner, Varsity works to maintain compliance with the latest versions of JD Edwards EnterpriseOne, to ensure customers have reliable integration today, as well as support for future enhancements.

ShipSoft / Oracle JD Edwards EnterpriseOne Process Flow

EnterpriseOne Functions

Varsity Functions

Order Entry
(EDI or manual)
(520-540)

Picker Print
(540-545)

Change
Carrier/Qty.
(545/545)

ShipSelect

1. ShipSelect called at Print Ticket time to determine mode and shipping cost, as well as assign Carrier and Service Type. EnterpriseOne updated with results.

Pick Confirm
(545-550)

ShipPack
Workstation

TL Ashford

Package
Documents &
Labels

2a. ShipPack manages packing process and captures Line Item carton detail. Updates Pack Confirm in real time. Generates ASNs, labels, and documents automatically and transparent to user, i.e. labels, packing lists, etc.

Pack Confirm
(550-560)

Ship Confirm
(560-580)

ShipSoft
Workstation

Shipping
Documents
& Labels

2b. ShipPack calls ShipSoft for shipping. ShipSoft calculates actual shipping rate, assigns tracking number, prints carrier-compliant shipping labels and documents (BoL), and transmits electronic manifest to carriers. Ship Confirm automatically updated.

ASN

Electronic Carrier Manifests

This interface brief represents a typical Oracle JD Edwards EnterpriseOne deployment. Since Varsity supports a wide range of shipper requirements, the supported files, structures, and interface processes may vary based on the JD Edwards EnterpriseOne version or custom software modifications.