

# Oracle Transportation Management Integration Kit Processing Feature Functionality Overview

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## Table of Contents

Executive Overview	1
Purpose of This Document	1
Introduction	1
Understanding Jde E1/Otm Integration Using Kit Processing	1
Sales Freight Request Export (R49T10) Pgm	2
Sales Order Confirmation Export (R49T30) Pgm	2
Procurement Freight Request Export (R49T100) Pgm	2
Back Order Release (P42117) Pgm	2
Shipment Confirmation (P4205) Pgm	2
Kit Processing Functional Scenarios	3
Back Order Release	3
Scenario 1: Leave Kit Parent Back Ordered	3
Scenario 2: Fully Released Kit Parent	4
Scenario 3: Partially Release Kit Parent	4
Pack/Ship Confirm	5
Scenario 1: Leave the Kit Parent Unconfirmed	5
Scenario 2: The Kit Parent is Fully Confirmed	6
Scenario 3: The Kit Parent is Fully Back Ordered	6
Scenario 4: The Kit Parent Fully Canceled	7
Scenario 5: The Kit Parent is Partially Confirmed & Remaining Qty is Left Shippable	8
Scenario 6: The Kit Parent is Partially Confirmed & Remaining Qty Back Ordered	9
Scenario 7: The Kit Parent is Partially Confirmed & Remaining Qty Cancelled	9

ORACLE TRANSPORTATION MANAGEMENT INTEGRATION KIT PROCESSING FEATURE FUNCTIONALITY OVERVIEW



## Executive Overview

The JD Edwards EnterpriseOne application suite integrates with Oracle Transportation Management (OTM) 5.5.04/5.5 CU5, which incorporates core technology from Oracle's 2005 acquisition of G-Log. This integration streamlines global transportation planning and execution, freight payment, and business process automation across all transportation modes, including highway, air, ocean, and rail routes. It also assist planners to make better decisions through new modeling tools and optimization algorithms that help companies cut costs and improve customer service through better upfront scheduling and loading strategies.

## Purpose of This Document

This document serves a purpose to better understand the product functionality pertaining to the JD Edwards and Oracle Transportation Management (OTM) integration using kit feature functionality.

This document should be considered as an additional source of information to assist with understanding the integration. This business brief does not replace or supersede Oracle's official product documentation found within Customer Connection: [JD Edwards EnterpriseOne Integration with Oracle Transportation Management Implementation Guide](#)

This product may be enhanced or changed over time and this paper is not intended to reflect all future enhancements or changes. Always refer to the Oracle Product Documentation on this product for current product information.

## Introduction

Oracle Transportation Management 5.5.04 is now available as an integrated solution within Oracle JD Edwards EnterpriseOne releases 9.01. This business brief will provide an overview and outline kit feature functionality as it relates to this integration.

## Understanding JDE E1/OTM Integration Using Kit Processing

The JD Edwards EnterpriseOne system provides accurate kit information in the outbound messages sent in the Freight Request and Sales Order Confirmation integration points. The JD Edwards EnterpriseOne system totals the weight and volume of all kit components in order to reflect the weight and volume of the kit parent item.

When the system processes a component apart from the kit parent, the system processes the component as a regular sales order line. For example, if the system releases the component from back order without the kit parent, the line becomes eligible to have a freight request created.

Likewise, if a component is shipped without the kit parent, the system adds the component to the current shipment and sends it outbound in the Order Release and Actual Shipment XML produced at the Sales Order Confirmation integration point.

### Sales Freight Request Export (R49T10) Pgm

The Sales Freight Request Export (R49T10) program calls a function to accumulate the weight and volume of all components associated with a kit parent and updates the associated sales order detail record (F4211).

### Sales Order Confirmation Export (R49T30) Pgm

The Sales Order Confirmation Export (R49T30) program calls a function to accumulate the weight and volume of all components associated with a kit parent and updates the associated cache and sales order detail records (F4211).

### Procurement Freight Request Export (R49T100) Pgm

The Procurement Freight Request Export (R49T100) program calls a function to accumulate the weight and volume of all components associated with a kit parent and updates the associated purchase order detail record (F4311).

### Back Order Release (P42117) Pgm

The Back Order Release (P42117) program inserts a record into the Sales Order Detail file — Secondary Tag File (F49T211) table when a component line is released from back order without the parent line or left on back order when the parent is released.

During Back order Release the release of the sales order line from back order and the hard commitment of inventory occur in separate phases of the process. This two phase approach may lead to orphaned component and kit parent lines that are both on back order. This occurs when the system releases a component from back order; causing the component to be orphaned from the kit parent. Furthermore, if inventory is insufficient the system places the released line on back order again during the hard commit process.

Note. The JD Edwards EnterpriseOne system inserts a record into the F49T211 table only if the order type.

### Shipment Confirmation (P4205) Pgm

The Shipment Confirmation (P4205) program inserts a record into the F49T211 table when the JD Edwards EnterpriseOne system:

- » Fully or partially confirms component lines without confirming the kit parent.
- » Fully or partially back order component lines without back ordering the kit parent.
- » Leaves partial component lines shippable without leaving the kit parent shippable.
- » Back orders partial component lines without back ordering the kit parent.

Based upon the insertion of the F49T211 records, the JD Edwards EnterpriseOne system functions according to the following conditions:

- » When the Shipment Confirmation program inserts F49T211 records for kit components converted to shipped lines, the JD Edwards EnterpriseOne system flags the F49T211 records with a state flag value of "SC" for subsequent creation of the corresponding Order Release and Actual Shipment messages via the Sales Order Confirmation Export program to transmit the shipped lines to the Oracle Transportation Management system.
- » When the Shipment Confirmation program inserts F49T211 records for kit components converted to packed lines, the JD Edwards EnterpriseOne system flags the F49T211 records with a state flag value of "TA" for subsequent shipment confirmation of the packed line.
- » If the Shipment Confirmation program inserts F49T211 records for back ordered lines, the JD Edwards EnterpriseOne system flags the F49T211 records with a blank state flag value indicating eligibility of the order line for Sales Freight Request program processing upon back order release. The JD Edwards EnterpriseOne system subsequently creates the corresponding Order Release message via the Sale Freight Request Export program to transmit the back order released lines to the Oracle Transportation Management system.

- » If the Shipment Confirmation program inserts F49T211 records for left shippable lines, the JD Edwards EnterpriseOne system flags the F49T211 records with a blank state flag value indicating eligibility of the order line for Sales Freight Request program processing. The JD Edwards EnterpriseOne system subsequently creates the corresponding Order Release message via the Sales Freight Request Export program to transmit these lines to the Oracle Transportation Management system.
- » If a kit parent is unshipped, unpacked, back ordered, canceled, or no longer associated with any of its components, the JD Edwards EnterpriseOne system updates the F49T211 table to enable creation of a message to the Oracle Transportation Management system to delete the kit parent via the Sale Freight Request Export program.
- » If a kit parent is changed by updating the quantity of any component or by not shipping an associated component, the JD Edwards EnterpriseOne system updates the F49T211 table to enable the Sales Order Confirmation Export program to recalculate the kit parent weight and volume.

Note. The JD Edwards EnterpriseOne system inserts a record into the F49T211 table only if the order type and line type combination has been updated into the 49/TP UDC table.

## Kit Processing Functional Scenarios

This section discusses kit processing functional scenarios for back order release and pack/ship confirms:

### Back Order Release

During Back Order Release the release of the sales order line from back order and the hard commitment of inventory occur in separate phases of the process. This two phase approach may lead to orphaned component and kit parent lines that are both on back order. This occurs when the system releases a component from back order; causing the component to be orphaned from the kit parent. Furthermore, if inventory is insufficient the system places the released line on back order again during the hard commit process.

For each the back order scenarios an Oracle Transportation Management sales order will have been entered for a kit parent and there is no inventory available for any of the components.

#### Scenario 1: Leave Kit Parent Back Ordered

The following applies when the system leaves the parent kit on back order:

#### LEAVE KIT PARENT BACK ORDERED

Commitment Processing	Component Status	Results
Off	Fully Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system releases the entire component without releasing any of the kit parent.</li> <li>» The released component becomes an orphan from the unreleased (back ordered) kit parent.</li> <li>» If all components have been released, the JD Edwards EnterpriseOne system cancels the order release for the kit parent.</li> </ul>
Off	Partially Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system partially releases the component without releasing any of the kit parent.</li> <li>» The released component becomes an orphan from the unreleased (back ordered) kit parent.</li> <li>» The remaining back ordered component quantity remains associated with the unreleased (back ordered) kit parent.</li> </ul>
On	Fully Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system releases the entire component without releasing any of the kit parent.</li> <li>» The released component becomes an orphan from the unreleased (back</li> </ul>

		<p>ordered) kit parent and remains an orphan regardless of the commitment processing results.</p> <ul style="list-style-type: none"> <li>» If the component is partially back ordered by commitment processing then the JD Edwards EnterpriseOne system generates two orphan component lines: <ul style="list-style-type: none"> <li>» Orphan shippable line.</li> <li>» Orphan back ordered line.</li> </ul> </li> </ul>
On	Partially Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system partially releases the component without releasing any of the kit parent.</li> <li>» The released component becomes an orphan from the unreleased (back ordered) kit parent and remains an orphan regardless of the commitment processing results.</li> <li>» The remaining back ordered component quantity remains associated with the unreleased (back ordered) kit parent.</li> <li>» If the partially released component is partially back ordered by commitment processing, the JD Edwards EnterpriseOne system generates two orphan component lines: <ul style="list-style-type: none"> <li>» Orphan shippable line.</li> <li>» Orphan back ordered line.</li> </ul> </li> </ul>

### Scenario 2: Fully Released Kit Parent

The following applies when the JD Edwards EnterpriseOne system fully releases the kit parent:

#### FULLY RELEASED KIT PARENT

Commitment Processing	Component Status	Results
Off	Fully Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system fully releases the kit parent and the entire component quantity.</li> <li>» The released component remains associated with the released kit parent</li> </ul>
Off	Partially Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system fully releases the kit parent and partially releases the component.</li> <li>» The released component remains associated with the released kit parent.</li> <li>» The remaining back ordered component becomes an orphan from the released kit parent.</li> </ul>
On	Fully Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system fully releases the kit parent and the entire component quantity.</li> <li>» The released component remains associated with the released kit parent.</li> <li>» If the component is fully or partially back ordered by commitment processing, it becomes an orphan from the released kit parent.</li> </ul>
On	Partially Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system fully releases the kit parent and the entire component quantity.</li> <li>» The released component remains associated with the released kit parent.</li> <li>» The remaining back ordered component becomes disassociated from the released kit parent.</li> <li>» If the component is full or partially back ordered during commitment processing, it becomes an orphan from the released kit parent.</li> </ul>

### Scenario 3: Partially Release Kit Parent

The following applies when the JD Edwards EnterpriseOne system partially releases the kit parent:

#### PARTIALLY RELEASE KIT PARENT

Commitment Processing	Component Status	Results
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Off	Fully Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system partially releases the kit parent and the entire component quantity.</li> <li>» The released component remains associated with the released kit parent.</li> </ul>
Off	Partially Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system partially releases the kit parent and partially releases the component.</li> <li>» The released component remains associated with the released kit parent.</li> <li>» The remaining back ordered component remains associated with the unreleased (back ordered) kit parent</li> </ul>
On	Fully Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system partially releases the kit parent and the entire component quantity.</li> <li>» The released component remains associated with the released kit parent.</li> <li>» If the released component is fully or partially back ordered during commitment processing, the back ordered component is associated with the remaining kit parent but the JD Edwards EnterpriseOne system adds a new line for the back ordered component.</li> </ul>
On	Partially Released	<ul style="list-style-type: none"> <li>» At back order release, the JD Edwards EnterpriseOne system partially releases the kit parent and partially releases the component.</li> <li>» The released component remains associated with the released kit parent.</li> <li>» The remaining back ordered component remains associated with the unreleased (back ordered) kit parent.</li> <li>» If the component is fully or partially back ordered during the commitment processing, the back ordered component remains associated with the remaining kit parent but the JD Edwards EnterpriseOne system adds a new line for the backordered component.</li> </ul>

## Pack/Ship Confirm

For all of the pack/ship confirm functional scenarios, the following steps will have occurred:

1. An Oracle Transportation Management sales order will have been entered for a kit parent.
2. The JD Edwards EnterpriseOne system has sent a freight request to the Oracle Transportation Management system.
3. The Oracle Transportation Management system has sent a transportation arranged message to the JD Edwards EnterpriseOne system.

### Scenario 1: Leave the Kit Parent Unconfirmed

The following applies when the JD Edwards EnterpriseOne system leaves the kit parent unconfirmed.

#### LEAVE THE KIT PARENT UNCONFIRMED

Component Status	Results
Fully Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system confirms the entire component without confirming any of the kit parent.</li> <li>» The confirmed component becomes an orphan from the kit parent. The JD Edwards EnterpriseOne system creates a new order release and includes the orphan component on the Actual Shipment XML when running the Sales Order Confirmation Export (R49T30) program.</li> <li>» The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent</li> </ul>
Partial Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the component without confirming any of the kit parent.</li> <li>» The confirmed component becomes an orphan from the kit parent. The JD Edwards EnterpriseOne system creates a new order release and includes the orphan component on the Actual Shipment XML when running the Sales Order Confirmation Export (R49T30) program.</li> <li>» The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and</li> </ul>



	<p>prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</p> <ul style="list-style-type: none"> <li>» There are two conditions related to the remaining unconfirmed component quantity:             <ul style="list-style-type: none"> <li>» If left shippable or canceled, the component remains associated with the kit parent.</li> <li>» If back ordered, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</li> </ul> </li> </ul>
Fully Back Ordered	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system back orders the entire component without confirming any of the kit parent.</li> <li>» The back ordered component remains an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</li> <li>» The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> </ul>
Fully Canceled	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system cancels the entire component without confirming the parent.</li> <li>» The canceled component remains associated with the kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> </ul>

### Scenario 2: The Kit Parent is Fully Confirmed

The following applies when the JD Edwards EnterpriseOne system fully confirms the kit parent.

#### KIT PARENT IS FULLY CONFIRMED

Component Status	Results
Fully Confirmed	<ul style="list-style-type: none"> <li>» At sales order pick/shipment confirmation, the JD Edwards EnterpriseOne system fully confirms the kit parent and confirms the entire component.</li> <li>» The confirmed component remains associated with the kit parent.</li> </ul>
Partial Confirmed	<ul style="list-style-type: none"> <li>» At sales order pick/shipment confirmation, the JD Edwards EnterpriseOne system fully confirms the kit parent and partially confirms the component.</li> <li>» The confirmed component remains associated with the kit parent.</li> <li>» There are three conditions related to the remaining unconfirmed component quantity:             <ul style="list-style-type: none"> <li>» If canceled, the component remains associated with the kit parent.</li> <li>» If left shippable, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export program.</li> <li>» If back ordered, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</li> </ul> </li> </ul>
Fully Back Ordered	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the parent and the entire component.</li> <li>» The back ordered component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</li> </ul>
Fully Canceled	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully confirms the kit parent and cancels the entire component.</li> <li>» The canceled component remains associated with the kit parent.</li> </ul>

### Scenario 3: The Kit Parent is Fully Back Ordered

The following applies when the JD Edwards EnterpriseOne system fully back orders the kit parent.

#### KIT PARENT IS FULLY BACK ORDERED

Component Status	Results
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Fully Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the parent and confirms the entire component.</li> <li>» The confirmed component becomes an orphan from the kit parent. The JD Edwards EnterpriseOne system creates a new order release and includes the orphan component on the Actual Shipment XML when running the Sales Order Confirmation Export (R49T30) program.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> </ul>
Partial Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the parent and partially confirms the component.</li> <li>» The confirmed component becomes an orphan from the kit parent. The JD Edwards EnterpriseOne system creates a new order release and includes the orphan component on the Actual Shipment XML when running the Sales Order Confirmation Export (R49T30) program.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> <li>» There are two conditions related to the remaining unconfirmed component quantity: <ul style="list-style-type: none"> <li>» If back ordered or canceled, the component remains associated with the kit parent.</li> <li>» If left shippable, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</li> </ul> </li> </ul>
Fully Back Ordered	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the parent and back orders the entire component.</li> <li>» The back ordered component remains associated with the kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing.</li> </ul>
Fully Canceled	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the parent and cancels the entire component.</li> <li>» The canceled component remains associated with the kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent</li> </ul>

#### Scenario 4: The Kit Parent Fully Canceled

The following applies when the JD Edwards EnterpriseOne system fully cancels the kit parent.

#### KIT PARENT FULLY CANCELED

Component Status	Results
Fully Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully cancels the parent and confirms the entire component.</li> <li>» The confirmed component becomes an orphan from the kit parent. The JD Edwards EnterpriseOne system creates a new order release and includes the orphan component on the Actual Shipment XML when running the Sales Order Confirmation Export (R49T30) program.</li> <li>» The JD Edwards EnterpriseOne system removes the kit parent from the shipment and cancels the order release.</li> </ul>
Partial Confirmed	<ul style="list-style-type: none"> <li>» At sales order shipment confirmation, the JD Edwards EnterpriseOne system fully cancels the parent and partially confirms the component.</li> <li>» The confirmed component becomes an orphan from the kit parent. The JD Edwards EnterpriseOne system creates a new order release and includes the orphan component on the Actual Shipment XML when running the Sales Order Confirmation Export (R49T30) program.</li> <li>» The JD Edwards EnterpriseOne system removes the kit parent from the shipment and cancels the order release.</li> <li>» There are three conditions related to the remaining unconfirmed component quantity: <ul style="list-style-type: none"> <li>» If canceled, the component remains associated with the kit parent.</li> <li>» If left shippable, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export program.</li> <li>» If back ordered, the component becomes an orphan from the kit parent and is</li> </ul> </li> </ul>

	<i>processed by the Sales Freight Request Export (R49T10) program upon release from back order.</i>
<b>Fully Back Ordered</b>	<ul style="list-style-type: none"> <li>» <i>At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully cancels the parent and back orders the entire component.</i></li> <li>» <i>The component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</i></li> <li>» <i>The JD Edwards EnterpriseOne system removes the kit parent from the shipment and cancels the order release.</i></li> </ul>
<b>Fully Canceled</b>	<ul style="list-style-type: none"> <li>» <i>At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully cancels the parent and cancels the entire component.</i></li> <li>» <i>The canceled component remains associated with the kit parent.</i></li> <li>» <i>The JD Edwards EnterpriseOne system removes the kit parent from the shipment and cancels the order release</i></li> </ul>

### Scenario 5: The Kit Parent is Partially Confirmed & Remaining Qty is Left Shippable

The following applies when the JD Edwards EnterpriseOne system partially confirms the kit parent and leaves the remaining quantity shippable.

#### **KIT PARENT IS PARTIALLY CONFIRMED & REMAINING QTY IS LEFT SHIPPABLE**

<b>Component Status</b>	<b>Results</b>
<b>Fully Confirmed</b>	<ul style="list-style-type: none"> <li>» <i>At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity shippable; and confirms the entire component.</i></li> <li>» <i>The confirmed component remains associated with the confirmed portion of the kit parent.</i></li> <li>» <i>The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</i></li> </ul>
<b>Partial Confirmed</b>	<ul style="list-style-type: none"> <li>» <i>At sales order shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity shippable; and partially confirms the component.</i></li> <li>» <i>The confirmed component remains associated with the confirmed portion of the kit parent.</i></li> <li>» <i>The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</i></li> <li>» <i>There are three conditions related to the remaining unconfirmed component quantity:</i> <ul style="list-style-type: none"> <li>» <i>If canceled, the component remains associated with the unconfirmed kit parent.</i></li> <li>» <i>If left shippable, the component remains associated with the unconfirmed kit parent.</i></li> <li>» <i>If back ordered, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</i></li> </ul> </li> </ul>
<b>Fully Back Ordered</b>	<ul style="list-style-type: none"> <li>» <i>At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity shippable; and back orders the entire component.</i></li> <li>» <i>The back ordered component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program upon release from back order.</i></li> <li>» <i>The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</i></li> </ul>
<b>Fully Canceled</b>	<ul style="list-style-type: none"> <li>» <i>At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity shippable, and cancels the entire component.</i></li> <li>» <i>The canceled component remains associated with the kit parent.</i></li> <li>» <i>The JD Edwards EnterpriseOne system removes the unconfirmed parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent</i></li> </ul>

## Scenario 6: The Kit Parent is Partially Confirmed & Remaining Qty Back Ordered

The following applies when the JD Edwards EnterpriseOne system partially confirms the kit parent and leaves the remaining quantity back ordered.

### KIT PARENT IS PARTIALLY CONFIRMED & REMAINING QTY BACK ORDERED

Component Status	Results
Fully Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity back ordered; and confirms the entire component.</li> <li>» The confirmed component remains associated with the confirmed kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> </ul>
Partial Confirmed	<ul style="list-style-type: none"> <li>» At sales order shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity back ordered; and partially confirms the component.</li> <li>» The confirmed component remains associated with the shipped kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> <li>» There are three conditions related to the remaining unconfirmed component quantity:               <ul style="list-style-type: none"> <li>» If left shippable, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program.</li> <li>» If back ordered, remains associated with the back ordered kit parent.</li> <li>» If canceled, the component remains associated with the back ordered kit parent</li> </ul> </li> </ul>
Fully Back Ordered	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the kit parent and back orders the entire component.</li> <li>» The back ordered component remains associated with the back ordered kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing.</li> </ul>
Fully Canceled	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system fully back orders the kit parent and cancels the entire component.</li> <li>» The canceled component remains associated with the kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</li> </ul>

## Scenario 7: The Kit Parent is Partially Confirmed & Remaining Qty Cancelled

The following applies when the JD Edwards EnterpriseOne system partially confirms the kit parent and leaves the remaining quantity canceled.

### KIT PARENT IS PARTIALLY CONFIRMED & REMAINING QTY CANCELLED

Component Status	Results
Fully Confirmed	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity canceled; and confirms the entire component.</li> <li>» The shipped component remains associated with the confirmed kit parent.</li> </ul>
Partial Confirmed	<ul style="list-style-type: none"> <li>» At sales order shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity canceled; and partially confirms the component.</li> <li>» The confirmed component remains associated with the confirmed kit parent.</li> <li>» The JD Edwards EnterpriseOne system removes the back ordered parent from the shipment and prepares it again for freight request processing. The exception is that when all components have</li> </ul>

	<p>been processed, the JD Edwards EnterpriseOne system cancels order release for the kit parent.</p> <ul style="list-style-type: none"> <li>» There are three conditions related to the remaining unconfirmed component quantity:</li> <li>» If left shippable, the component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export (R49T10) program.</li> <li>» If back ordered, the component remains associated with the back ordered kit parent and is processed by the Sales Freight Request Export program upon release from back order.</li> <li>» If canceled, the component remains associated with the canceled kit parent.</li> </ul>
Fully Back Ordered	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity canceled; and back orders the entire component.</li> <li>» The back ordered component becomes an orphan from the kit parent and is processed by the Sales Freight Request Export program upon release from backorder.</li> </ul>
Fully Canceled	<ul style="list-style-type: none"> <li>» At sales order pack/shipment confirmation, the JD Edwards EnterpriseOne system partially confirms the kit parent; leaving the remaining quantity canceled; and cancels the entire component.</li> <li>» The canceled component remains associated with the kit parent.</li> </ul>

## Additional Documentation

Additional content on the JD Edwards EnterpriseOne/OTM functionality can be found:

1. Oracle University
  - a. Functional TOI's (Transfer of Information)
    - i. 8.11 SP1: JD Edwards EnterpriseOne Integration to Oracle Transportation Management Functional Overview
    - ii. 9.0: JD Edwards EnterpriseOne Integration to Oracle Transportation Management Functional Overview
  - b. Technical TOI's (Transfer of Information)
    - i. 8.11 SP1: JD Edwards EnterpriseOne Integration to Oracle Transportation Management Technical Overview
2. Update Center-Metalink
3. Implementation/Training and Documentation
  - <https://metalink3.oracle.com/od/faces/secure/km/DocumentDisplay.jspx?id=703136.1&h=Y>
4. OTM Home Page
  - <http://apps.oraclecorp.com/g-log/index.html>
5. JD Edwards EnterpriseOne Internal ONLY Product Strategy Integration HomePage
  - <http://my.oracle.com/portal/page/myo/global/JD%20Edwards%20EnterpriseOne/Products/JD%20Edwards%20EnterpriseOne%20-%20Integrations>



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