Sterling Commerce
An IBM Company

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Release Notes, Release 7.5 SP1

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Preface

This document describes the new features introduced in Yantra 7x, Release 7.5 SP1. It also discusses known issues in the release and how to resolve them, if applicable.

Intended Audience

This document is intended for use by system administrators and managers who need to configure Yantra 7x to fit with their business practices.

Structure

This document contains the following sections:

Chapter 1, "New Features"

This chapter introduces the new features in Yantra 7x, Release 7.5 SP1.

Chapter 2, "Known Issues"

This chapter provides a list of the known issues in this release.

Yantra 7x Documentation

For more information about the Yantra® 7x components, see the following manuals in the Yantra® 7x documentation set:

- *Yantra® 7x Release Notes*
- *Yantra® 7x Installation Guide*
- *Yantra® 7x Upgrade Guide*

- *Yantra® 7x Performance Management Guide*
- *Yantra® 7x High Availability Guide*
- *Yantra® 7x System Management Guide*
- *Yantra® 7x Localization Guide*
- *Yantra® 7x Customization Guide*
- *Yantra® 7x Integration Guide*
- *Yantra® 7x Product Concepts*
- *Yantra® 7x Warehouse Management System Concepts Guide*
- *Yantra® 7x Platform Configuration Guide*
- *Yantra® 7x Distributed Order Management Configuration Guide*
- *Yantra® 7x Supply Collaboration Configuration Guide*
- *Yantra® 7x Inventory Synchronization Configuration Guide*
- *Yantra® 7x Product Management Configuration Guide*
- *Yantra® 7x Logistics Management Configuration Guide*
- *Yantra® 7x Reverse Logistics Configuration Guide*
- *Yantra® 7x Warehouse Management System Configuration Guide*
- *Yantra® 7x Platform User Guide*
- *Yantra® 7x Distributed Order Management User Guide*
- *Yantra® 7x Supply Collaboration User Guide*
- *Yantra® 7x Inventory Synchronization User Guide*
- *Yantra® 7x Logistics Management User Guide*
- *Yantra® 7x Reverse Logistics User Guide*
- *Yantra® 7x Warehouse Management System User Guide*
- *Yantra® 7x Mobile Application User Guide*
- *Yantra® 7x Analytics Guide*
- *Yantra® 7x Javadocs*
- *Yantra® 7x Glossary*

- *Yantra® 7x Carrier Server Guide*
- *Yantra® 7x Application Server Installation Guide* (for optional component)

Conventions

The following conventions may be used in this manual:

Convention	Meaning
. . .	An ellipsis represents information that has been omitted.
< >	Angle brackets indicate user-supplied input.
`mono-spaced text`	Mono-spaced text indicates a file name, an API name, or a code example.
/ or \	Slashes and backslashes are file separators for Windows, UNIX and LINUX operating systems. The file separator for the Windows operating system is "\" and the file separator for Unix and Linux systems is "/". The Unix convention is used unless otherwise mentioned.

1

New Features

This chapter describes the new concepts and functionality introduced in Yantra 7x, Release 7.5 SP1 in the following areas:

- System Requirements
- Warehouse Management System Enhancements
- Integration

Important: Yantra 7x is already tuned for optimal performance. However, your own results are directly based on your hardware, data volumes, and user activities.

Yantra expects that the *Yantra 7x Performance Management Guide* is thoroughly read, evaluated, and recommendations are applied to your production system as needed.

Yantra predefines a set of indices but also expects your Database Administrator to monitor the system and add or remove indices as necessary.

Note: In this release, the following are NOT supported for the Yantra 7x product:

- Yantra 7x Portlet Generator
- Adapters for integration with webMethods
- Integration with Taxware

1.1 System Requirements

Yantra 7x, Release 7.5 SP1, is supported on Unix, Linux, and Windows 2003 operating systems.

Before proceeding, ensure that you have read the complete list of requirements for your platform as described in the *Yantra 7x Installation Guide*.

1.2 Warehouse Management System Enhancements

In Yantra 7x, Release 7.5 SP1, the Warehouse Management System functionality has been enhanced to include new features for:

- Manually Counting Location or Item
- Inducting a Tote
- Sorting Inventory

- Building a Cart
- Picking a Cart
- Inducting a Cart
- Extensible Pick Filters

Manually Counting Location or Item

In earlier releases, to count a location or item, it was necessary to generate and release count requests to perform count tasks using the Yantra 7x Mobile Application. This release enables you to configure the system to automatically generate count requests, release them, and suggest tasks to perform.

Inducting a Tote

Yantra 7x, Release 7.5 SP1, enables you to associate a tote to an outbound pick task reference, such as batch number, shipment number, or container SCM. Using Material Handling Equipment (MHE), inducted totes can be diverted to the respective pick zones.

Sorting Inventory

As a part of the putaway process, warehouses can now sort inventory into totes or pallets based on the location, zone, or a set of zones.

Building a Cart

In earlier releases, you could build a cart only through printed batch sheets. This release enables you to build carts using the Yantra 7x Mobile Application by associating cart locations to a set of totes, cartons, or shipments. Each cart location can be associated to one or more totes, cartons, or shipments.

Picking a Cart

Yantra 7x, Release 7.5 SP1, enables you to pick inventory for a cart using the Yantra 7x Mobile Application.

Inducting a Cart

You can induct a cart by associating an existing batch with a cart. Based on the Cart ID you scanned, the system can also search for an open

batch and associate the batch with the cart. After inducting a cart, you may pick inventory for the batch or induct a new cart.

Extensible Pick Filters

This release provides the ability to extend pick filters to have custom conditions based on which shipments can be included in a shipment group.

1.3 Integration

The following new concepts and functionality have been added for system integration:

- Uploading Receipts
- Uploading Inventory Changes
- Uploading Inventory Snapshots
- Parcel Carrier Integration Enhancement

Uploading Receipts

Yantra 7x, Release 7.5 SP1, supports integration between Yantra 7x Distributed Order Management (DOM) and Yantra 7x Warehouse Management System (WMS) running as separate instances. To synchronize receipts between DOM and WMS, it is necessary to configure a common JMS queue and model the node on both instances. For a DOM instance, model the node as a non-WMS integrated node.

Uploading Inventory Changes

This release supports inventory integration between DOM and WMS that are running on different instances. To synchronize inventory between DOM and WMS instances, it is necessary to configure a common JMS queue and model the node on both instances. For a DOM instance, model the node as a non-WMS integrated node.

Uploading Inventory Snapshots

Warehouses running on Yantra 7x WMS can upload inventory snapshots to Yantra 7x DOM running on a different instance to synchronize inventory. This involves loading inventory from a WMS instance to a DOM instance.

Parcel Carrier Integration Enhancement

Yantra 7x, Release 7.5 SP1, provides the ability to pass flexible references when integrating with parcel carriers. This helps the carriers to provide their retail customers with shipment information.

2

Known Issues

The following sections describe the known issues you may encounter in Release 7.5 SP1:

- Upgrade
- Installation
- Platform
- Product Management
- Distributed Order Management, Supply Collaboration, and Reverse Logistics Issues
- Inventory Synchronization
- Delivery Management
- Receipt
- Value-Added Services
- Yantra 7x Warehouse Management System
- Yantra 7x Analytics
- Reference Utilities
- System Management Console
- Third Party
- Internationalization and Localization
- Documentation

2.1 Upgrade

For this release, there are no known issues.

2.2 Installation

You may encounter the following issues when installing Yantra 7x:

- **66435 -** When installing Yantra 7x on Linux, an error is thrown that states: "The installation of Yantra 7x Version 7.5 SP1 is complete, but some errors occurred during the install".

  Solution / Workaround: Ignore this error.

2.3 Platform

You may encounter the following issues when using the APIs, User Exits, Time-Triggered Transactions (agents), and Services for the Yantra 7x Platform:

- **47918 -** The Task Queue Synch agent may produce an "ORA-01555: snapshot too old" error on an Oracle database.

  Solution / Workaround: If you encounter this error you should try the following:

  a. Schedule the Task Queue Agent to run when all other processing is shutdown or if that's not possible - during periods with the quietest system activity.

  b. Re-evaluate and if possible increase the size of your UNDO tablespace and/or your rollback segments.

- **68614 -** Yantra 7x Service Definition Framework JMS Receiver component uses JMS methods that cause a "Transaction Timed Out" exception when the message read and commit actions reach a timeout threshold. This exception on the receive process causes the message to be left on the Queue, even though the downstream processes could have successfully processed.

  Solution / Workaround: The timeout value of the receive operation is now configurable. The system calls the receive method with a timeout value that is less than the Transaction timeout value. This causes the client to break the connection, reset the Transaction

timeout, and then call the receive method again. For this, a new yantra.jms.receive.timeout property has been provided in the yfs.properties file. See the resources/yfs.properties.sample file for further details.

Note: It is recommended that the receive-timeout (Rx) value should be set to a value less than the transaction timeout (Tx) value. Also, the receive-timeout value should be set such that the message processing time is less than the (Tx-Rx) value.

- **69679 -** The modifyUserHierarchy and createUserHierarchy APIs insert records into the YFS_USER_GROUP_LIST table with a blank USERGROUP_KEY attribute.

  Solution / Workaround: None.

2.4 Product Management

For this release, there are no known issues.

2.5 Distributed Order Management, Supply Collaboration, and Reverse Logistics Issues

You may encounter the following issues when using the APIs, User Exits, Time-Triggered Transactions (agents), and Services for the Yantra 7x Distributed Order Management, Supply Collaboration, or Reverse Logistics modules:

- **69700 -** If an order has multiple order lines for the same time-sensitive item and only one of the order lines has the minimum_ship_by_date specified, the system ignores supplies that have the ship_by_date less than the minimum_ship_by_date when it gets the promised supply. Also, if there is an order line for the same item without a minimum_ship_by_date, there is a possibility of ignoring valid supplies that are filtered due to the minimum_ship_by_date stamped on the order lines for that item. This results in backorders of the order lines that do not have a minimum_ship_by_date in spite of having valid supplies.

  Solution / Workaround: None.

2.6 Inventory Synchronization

For this release, there are no known issues.

2.7 Delivery Management

For this release, there are no known issues.

2.8 Receipt

For this release, there are no known issues.

2.9 Value-Added Services

You may encounter the following issues when using the APIs, User Exits, Time-Triggered Transactions (agents), and Services for the Yantra 7x Receipt module:

- **69707 -** The changeWorkOrderStatus API does not modify the current Work Order status when the value of the Input status is less than the current Work Order status.

  Solution / Workaround: None.

2.10 Yantra 7x Warehouse Management System

You may encounter the following issues when using the Yantra 7x Mobile Application of the Yantra 7x Warehouse Management System module:

- **63521 -** Task Polling does not happen for user-sequenced count tasks ("Suggest multiple tasks and allow user to choose" is set for the task type) even though the tasks are requested from the Task Controller menu. But task polling happens for other activity groups even if "Suggest multiple tasks and allow user to choose" is set.

  Solution / Workaround: Users can come out of the count tasks menu and request the tasks again from the main menu.

- **65988 -** After fine tuning the following configurations in the Yantra 7x Configurator, when you try to deposit picked items against an outbound pick task, the system throws an error.

- The Buyer mandates tag information for all shipments, but not for packing
- The item defined by the Enterprise is not tag-controlled, but the same item is defined in the Buyer's catalog as tag-controlled
- The ship node does not track tag details in inventory

Solution / Workaround: Use the Yantra 7x Application Consoles and complete the pick tasks by providing the tag details.

- **67840** - The count requests created for an Enterprise do not display the results during task execution. This is because, if two enterprises have the same item defined in their catalog, you cannot scan or view the Enterprise name when executing count tasks. Therefore, you do not know for which Enterprise you are performing the count task.

  Solution / Workaround: None.

- **69015** - If you skip a count task for a particular task type, you cannot perform any task belonging to a different task type, even though tasks belonging to different task types exist in the system.

  Solution / Workaround: None.

- **69043** - The system resets the FIFO number when you pick an LPN that contains FIFO-tracked inventory into another LPN and then deposit it into a location that is not capable of tracking this LPN.

  Solution / Workaround: None.

- **69114** - The tasks created during second step sorting for a Multi-SKU Case do not have a target location assigned.

  Solution / Workaround: Configure the Putaway Preferences for the Multi-SKU Case for ActivityGroup and ActivityCode used for sorting.

2.11 Yantra 7x Analytics

For this release, there are no known issues.

2.12 Reference Utilities

You may encounter the following issues when using the Configuration Deployment Tool (CDT) utility:

- **67942 -** The Yantra Configuration Deployment Tool throws a "java.lang.InstantiationException" when deploying configuration data from XML files to the database.

  Solution / Workaround: None.

2.13 System Management Console

For this release, there are no known issues.

2.14 Third Party

For this release, there are no known issues.

2.15 Internationalization and Localization

For this release, there are no known issues.

2.16 Documentation

The following issues are present in the Yantra 7x documentation:

- **54198 -** Blank screens appear in the online help system. Some screens are documented at the user interface view level rather than the resource entity level and therefore, are not currently directly accessible in the online help system. These screens include:
  - Organization Details
  - Ship Node Details
  - Corporate Address
  - Primary Contact Address

  Solution / Workaround: Search for the topic you are looking for using a keyword search or the table of contents. You can also see the PDF versions of the documentation for information about these screens.
- **59193 -** The javadocs for the createItem API in the input XML does not list the values that the Status attribute can take, such as: 3000 means --> Published. Custom statuses can be created. See the

Yantra 7x Customization Guide for more information about creating custom statuses.

Solution / Workaround: Click on the link to the table and look up the valid values in the table.

- **61466** - The valid options for some attributes are not defined in the javadocs.

  Solution / Workaround: You can be view these attribute descriptions by going to the ERD page of the associated table.

- **64698** - The Online help subdirectories contain extra index.html files.

  Solution / Workaround: Access online help from the user interface or the <YFS_HOME>\documentation\online_help\output\index.html file only.