Sterling Commerce
An IBM Company

Sterling Supply Chain Applications

Release Notes

Release 7.9

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Preface

This document describes the new features introduced in Sterling Supply Chain Applications, Release 7.9. 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 Sterling Supply Chain Applications to fit with their business practices.

Structure

This document contains the following sections:

Chapter 1, "New Features"

This chapter introduces the new features in Sterling Supply Chain Applications, Release 7.9.

Chapter 2, "Known Issues"

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

Sterling Supply Chain Applications Documentation

For more information about the Sterling Supply Chain Applications Platform® components, see the following manuals in the Sterling Supply Chain Applications® documentation set:

- *Sterling Supply Chain Applications® Release Notes*

- *Sterling Supply Chain Applications® Installation Guide*
- *Sterling Supply Chain Applications® Upgrade Guide*
- *Sterling Supply Chain Applications® Performance Management Guide*
- *Sterling Supply Chain Applications® High Availability Guide*
- *Sterling Supply Chain Applications® System Management Guide*
- *Sterling Supply Chain Applications® Localization Guide*
- *Sterling Supply Chain Applications® Customization Guide*
- *Sterling Supply Chain Applications® Integration Guide*
- *Sterling Supply Chain Applications® Product Concepts*
- *Sterling Warehouse Management System® Concepts Guide*
- *Sterling Supply Chain Applications Platform® Configuration Guide*
- *Sterling Distributed Order Management® Configuration Guide*
- *Sterling Supply Collaboration® Configuration Guide*
- *Sterling Global Inventory Visibility® Configuration Guide*
- *Sterling Product Management® Configuration Guide*
- *Sterling Logistics Management® Configuration Guide*
- *Sterling Reverse Logistics® Configuration Guide*
- *Sterling Warehouse Management System® Configuration Guide*
- *Sterling Supply Chain Applications Platform® User Guide*
- *Sterling Distributed Order Management® User Guide*
- *Sterling Supply Collaboration® User Guide*
- *Sterling Global Inventory Visibility® User Guide*
- *Sterling Logistics Management® User Guide*
- *Sterling Reverse Logistics® User Guide*
- *Sterling Warehouse Management System® User Guide*
- *Sterling Supply Chain Mobile Application® User Guide*
- *Sterling Supply Chain Analytics® Guide*

- *Sterling Supply Chain Applications® Javadocs*
- *Sterling Supply Chain Applications® Glossary*
- *Sterling Parcel Carrier Adapter® Guide*
- *Sterling 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, directory path, attribute name, or an inline code example or command.
/ 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.
<YANTRA_HOME>	User-supplied location of the Sterling Supply Chain Applications installation directory.
<YFS_HOME>	Location of the generated <YANTRA_HOME>/Runtime directory.
<YANTRA_HOME_OLD>	User-supplied location of the Sterling Supply Chain Applications installation directory for previously installed releases. This is only applicable for Release 7.7 or above.
<YFS_HOME_OLD>	This is the <YANTRA_HOME_OLD>/Runtime directory of previously installed releases.

1

New Features

This chapter describes the new concepts and functionality introduced in Sterling Supply Chain Applications, Release 7.9.

- System Requirements
- Name Changes in Release 7.9
- Platform Framework
- Integration
- Product Management
- Distributed Order Management
- Delivery and Service Scheduling
- Global Inventory Visibility
- Logistics Management Enhancements
- Warehouse Management System Enhancements
- Other Enhancements

Important: The Sterling Supply Chain Applications suite is already tuned for optimal performance. However, your own results are directly based on your hardware, data volumes, and user activities.

Sterling Commerce expects that the *Sterling Supply Chain Applications Performance Management Guide* is thoroughly read, evaluated, and recommendations are applied to your production system as needed.

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

1.1 System Requirements

Before proceeding, ensure that you have read the complete list of requirements for your platform as described in the *Sterling Supply Chain Applications Installation Guide*.

1.2 Name Changes in Release 7.9

Product names have changed in Release 7.9 as shown in Table 1–1.

Table 1–1 Product Name Changes

Old Product Name	New Product Name
Yantra 7x	Sterling Supply Chain Applications
Yantra 7x Analytics	Sterling Supply Chain Analytics
Yantra 7x Application Server	Sterling Application Server
Yantra 7x Application Consoles	Sterling Supply Chain Application Consoles
Yantra 7x Configurator	Sterling Supply Chain Applications Configurator
Yantra 7x Supply Chain Event Management	Sterling Supply Chain Event Management
Yantra 7x Applications	Sterling Supply Chain Applications
Yantra 7x Inventory Synchronization	Sterling Global Inventory Visibility
Yantra 7x Logistics Management	Sterling Logistics Management

Table 1–1 Product Name Changes

Old Product Name	New Product Name
Yantra 7x Product Management	Sterling Product Management
Yantra 7x Mobile Application	Sterling Supply Chain Mobile Application
Yantra 7x Distributed Order Management	Sterling Distributed Order Management
Yantra 7x Platform	Sterling Supply Chain Applications Platform
Yantra 7x Process Modeling	Sterling Supply Chain Process Modeling
Yantra 7x Queue Management	Sterling Supply Chain Queue Management
Yantra 7x Rich Client Platform	Sterling Rich Client Platform
Yantra 7x Reverse Logistics	Sterling Reverse Logistics
Yantra 7x Supply Collaboration	Sterling Supply Collaboration
Yantra 7x System Management	Sterling Supply Chain System Management
Yantra 7x Warehouse Management System	Sterling Warehouse Management System
Yantra 7x Carrier Server	Sterling Parcel Carrier Adapter
PCAs	
Yantra 7x Customer Order Management PCA	Sterling Customer Order Management PCA
Yantra 7x nWMS PCA	Sterling nWMS PCA
Yantra 7x Store Operations PCA	Sterling Store Inventory Management PCA
	Sterling Store Order Management PCA
New PCA in Release 7.9	
Sterling Supply Chain Visibility PCA	

Component names have changed in Release 7.9 as shown in table Table 1–2.

Table 1–2 Component Name Changes

Old Component Name	New Component Name
Business Processes	Sterling Business Process
Yantra 7x Service Definition Framework	Sterling Service Definition Framework

Table 1–2 Component Name Changes

Old Component Name	New Component Name
Yantra 7x Presentation Framework	Sterling Presentation Framework
Yantra 7x RCP Plugin 1.0.0	Sterling RCP Plugin 1.0.0
Yantra 7x RCP Tools Plugin 1.1.0	Sterling RCP Tools Plugin 1.1.0

Document titles have changed in Release 7.9 as shown in table Table 1–3.

Table 1–3 Document Title Changes

Old Book Name	New Book Name
Yantra 7x Release Notes	Sterling Supply Chain Applications Release Notes
Yantra 7x Installation Guide	Sterling Supply Chain Applications Installation Guide
Yantra 7x Upgrade Guide	Sterling Supply Chain Applications Upgrade Guide
Yantra 7x Performance Management Guide	Sterling Supply Chain Applications Performance Management Guide
Yantra 7x High Availability Guide	Sterling Supply Chain Applications High Availability Guide
Yantra 7x System Management Guide	Sterling Supply Chain Applications System Management Guide
Yantra 7x Localization Guide	Sterling Supply Chain Applications Localization Guide
Yantra 7x Customization Guide	Sterling Supply Chain Applications Customization Guide
Yantra 7x Integration Guide	Sterling Supply Chain Applications Integration Guide
Yantra 7x Product Concepts	Sterling Supply Chain Applications Product Concepts
Yantra 7x Warehouse Management System Concepts Guide	Sterling Warehouse Management System Concepts Guide
Yantra 7x Platform Configuration Guide	Sterling Supply Chain Applications Platform Configuration Guide
Yantra 7x Distributed Order Management Configuration Guide	Sterling Distributed Order Management Configuration Guide
Yantra 7x Supply Collaboration Configuration Guide	Sterling Supply Collaboration Configuration Guide

Table 1–3 Document Title Changes

Old Book Name	New Book Name
Yantra 7x Inventory Synchronization Configuration Guide	Sterling Global Inventory Visibility Configuration Guide
Yantra 7x Product Management Configuration Guide	Sterling Product Management Configuration Guide
Yantra 7x Logistics Management Configuration Guide	Sterling Logistics Management Configuration Guide
Yantra 7x Reverse Logistics Configuration Guide	Sterling Reverse Logistics Configuration Guide
Yantra 7x Warehouse Management System Configuration Guide	Sterling Warehouse Management System Configuration Guide
Yantra 7x Platform User Guide	Sterling Supply Chain Applications Platform User Guide
Yantra 7x Distributed Order Management User Guide	Sterling Distributed Order Management User Guide
Yantra 7x Supply Collaboration User Guide	Sterling Supply Collaboration User Guide
Yantra 7x Inventory Synchronization User Guide	Sterling Global Inventory Visibility User Guide
Yantra 7x Logistics Management User Guide	Sterling Logistics Management User Guide
Yantra 7x Reverse Logistics User Guide	Sterling Reverse Logistics User Guide
Yantra 7x Warehouse Management System User Guide	Sterling Warehouse Management System User Guide
Yantra 7x Mobile Application User Guide	Sterling Supply Chain Mobile Application User Guide
Yantra 7x Analytics Guide	Sterling Supply Chain Analytics Guide
Yantra 7x Javadocs	Sterling Supply Chain Applications Javadocs
Yantra 7x Glossary	Sterling Supply Chain Applications Glossary
Yantra 7x Carrier Server Guide	Sterling Parcel Carrier Adapter Guide
Yantra 7x Application Server Installation Guide	Sterling Application Server Installation Guide

1.3 Delivery and Service Scheduling

In Sterling Supply Chain Applications, Release 7.9, the Delivery and Service Scheduling functionality has been enhanced to include:

- Multidimensional Capacity
- Hierarchical Time Slots

1.3.1 Multidimensional Capacity

In earlier releases, you could track capacity only in one dimension when booking appointments and consuming them for a work order. In Sterling Supply Chain Applications, Release 7.9, you can track capacity in multiple dimensions such as hour, weight, and volume.

1.3.2 Hierarchical Time Slots

Sterling Supply Chain Applications, Release 7.9, enables a capacity planner to define time slots for delivery and provided services in a hierarchical format. Hierarchical time slots provide better flexibility and control when planning capacity.

1.4 Product Management

In Sterling Supply Chain Applications, Release 7.9, the Product Management functionality has been enhanced to include Aliases, Associations, and Exclusion Codes for Service Items.

Aliases, Associations, and Exclusion Codes for Service Items

In earlier releases, Sterling Supply Chain Applications allowed the definition of aliases and associations for product items only. Sterling Supply Chain Applications, Release 7.9, now allows the definition of aliases and associations for provided and delivery service items as well.

1.5 Distributed Order Management

In Sterling Supply Chain Applications, Release 7.9, the Distributed Order Management functionality has been enhanced to include:

- Item-Based Allocation and Rescheduling

- Sourcing Enhancements
- Scheduling Optimization Enhancements
- Reservations
- Preferred Substitutes
- Delivery to Residential or Commercial Address
- Use Unplanned Inventory for Item
- Order Dates
- Allow "Release" Status to be Terminal
- Chained Orders for Services
- Bundles
- Change Order Pipeline Determination
- Create Invoice Before Order or Shipment Creation
- Demand Synchronization
- On Invoice Collection
- Order List
- Node Cut-Off Time Enhancements
- Order Release Status Change
- Asynchronous Procurement Order Creation
- Purge Draft Orders With No Lines

1.5.1 Item-Based Allocation and Rescheduling

Sterling Supply Chain Applications, Release 7.9, enables item-based allocation for orders. Item-based allocation is based on the First-In, First-Out (FIFO) order philosophy. Therefore, whenever changes in the supply picture occur, all orders that are promised against that supply are revaluated and reallocated based on the order date. The order that was placed first gets the earliest supply. The other impacted orders are kept on hold, and therefore, prevent other transactions from picking up these orders. The scheduling process then reschedules all orders impacted due to the supply change. This process ensures that the customer who placed an order first has it fulfilled first.

1.5.2 Sourcing Enhancements

This section explains the following sourcing enhancements that were made in Sterling Supply Chain Applications, Release 7.9.

- Consider Future Inventory
- Sourcing Templates
- Forwarding Receipt

1.5.2.1 Consider Future Inventory

In Sterling Supply Chain Applications, Release 7.9, scheduling has been enhanced to consider future inventory based on the sourcing rule configuration. For each sourcing rule you can specify whether or not future inventory needs to be considered and how far in the future you want to consider it.

1.5.2.2 Sourcing Templates

In Sterling Supply Chain Applications, Release 7.9, a new Sourcing Template: "Receiving Node's Relationship" is provided to enable you to source from a node that is associated with a receiving node. Due to this enhancement, there is no longer a need to set up multiple sourcing rules for shipping and receiving nodes.

1.5.2.3 Forwarding Receipt

In Sterling Supply Chain Applications, Release 7.9, the time required for a ship node to process a forwarded shipment can be configured and considered during scheduling.

1.5.3 Scheduling Optimization Enhancements

This section explains the following scheduling optimization enhancements that were made in Sterling Supply Chain Applications, Release 7.9.

- Schedule Delay Window to Consolidate Shipments
- Node Priority Cost Factor

1.5.3.1 Schedule Delay Window to Consolidate Shipments

In earlier releases, if shipment cost optimization was used by scheduling, shipments were delayed until the last supply arrived at the warehouse.

In Sterling Supply Chain Applications, Release 7.9, scheduling optimization has been enhanced to allow shipment delay within a specified window. Due to this enhancement, you can balance shipment cost and also ensure customer satisfaction.

1.5.3.2 Node Priority Cost Factor

When optimizing a scheduling solution, the schedule considers the node priority cost. Using the priority cost factor, the priority of the node is converted into the landed cost.

1.5.4 Reservations

In earlier releases, you could only make reservations for newly added quantity against a single node. Sterling Supply Chain Applications, Release 7.9, enables you to make multiple reservations on the order line prior to its release. Reservations can be made against multiple items, nodes, and classes.

1.5.5 Preferred Substitutes

This release introduces preferred substitute items. Preferred substitute items are identical to original items. When fulfilling orders, the system replaces an original item with its preferred substitute item. The scheduling process automatically performs substitution of regular and preferred substitutes on the order.

1.5.6 Delivery to Residential or Commercial Address

In Sterling Supply Chain Applications, Release 7.9, you can configure addresses as residential or commercial addresses. You can configure carrier services to deliver only to residential addresses, commercial addresses, or both. The routing logic is enhanced to determine the carrier based on the address and carrier configuration.

1.5.7 Use Unplanned Inventory for Item

In earlier releases, you could only view the expected delivery dates for unplanned inventory. Sterling Supply Chain Applications, Release 7.9, provides the ability to consider unplanned inventory, which is assumed to be available at a future date beyond the item's lead time. The ability to schedule orders against unplanned inventory is also provided.

1.5.8 Order Dates

Sterling Supply Chain Applications, Release 7.9, enables you to model "Committed" along with "Requested", "Expected", and "Actual" dates. Therefore, you can store the supplier committed dates in the application. This release also provides the ability to model minimum and maximum ship dates and minimum and maximum delivery dates.

1.5.9 Allow "Release" Status to be Terminal

In Sterling Supply Chain Applications, Release 7.9, the order release status can be enabled and configured to the terminal status of the order fulfillment. Terminal operations to be performed on orders that are released, but not shipped. This enables orders in release status to be optionally purged, closed, delivered, or included in returned orders.

The following limitations exist when making "Release" status terminal:

- Inventory updates for tag controlled and time sensitive items will not be supported.
- Parent orders of drop ship purchase orders will never go into released status and therefore will not be supported.

1.5.10 Chained Orders for Services

In earlier releases, Sterling Supply Chain Applications allowed the creation of chained orders for product lines only. Sterling Supply Chain Applications, Release 7.9, now provides the ability to also create chained orders for provided and delivery service lines.

When a service line is chained, neither the associated lines nor the association among the lines is carried over to the chained order. Chained service lines can be cancelled, included in a work order, or completed. When a chained service line is completed, the parent service lines are also marked as completed. However, a completed service line does not automatically cause the product line to be marked as complete. A chained service line can be created either through a work order or a chained order. But, the chained order cannot be created if the service line is included in a work order or vice versa.

1.5.11 Bundles

In Sterling Supply Chain Applications, Release 7.9, the bundle feature has been enhanced to include the following new or updated features:

- Catalog
- Create Order
- Scheduling
- Order Modifications
- Shipping

1.5.11.1 Catalog

A new kit code, 'Bundle,' has been introduced to support bundles in the catalog. If 'Bundle' is selected as the kit code, the 'Components' tab appears allowing you to define the components of the bundle.

1.5.11.2 Create Order

Functionality has been added to the order creation process that enables it to read the components of a bundle from the catalog even if no components are passed with the bundle. It is also now possible to create orders containing n-level bundles. Bundle definitions can now be passed to the createOrder API even if they are not defined in the catalog.

1.5.11.3 Scheduling

The bundle parent now has an indication of how a bundle should be scheduled. Possible values for this are:

- Ship Together
- Independent

This value is obtained from the catalog. If a catalog is not available, the default value is 'Ship Together'.

1.5.11.4 Order Modifications

A number of modifications are passed down from the parent line to bundle components. Of these, a small number is also passed from component-to-parent.

1.5.11.5 Shipping

When an order is released for a shipment only, the component lines are considered to be shippable items The parent line is automatically included in the shipment when the component lines are added to the shipment. However, passing only the bundle parent line to create a shipment does not pull its component lines.

When a shipment is created and order information is available, passing a bundle parent does not automatically put the components into the same shipment, they are added separately.

1.5.12 Change Order Pipeline Determination

In Sterling Supply Chain Applications, Release 7.9, it is possible to specify a pipeline order line while using the createOrder API.

Additionally, if there is a change in the process during order execution, calling the changeOrder API allows you to change the pipeline. See the *Sterling Supply Chain Applications Javadocs* for more details.

1.5.13 Create Invoice Before Order or Shipment Creation

In Sterling Supply Chain Applications, Release 7.9, an option has been added that allows you to create an INFO invoice before an order or shipment has been created. When an order or shipment is created, it is automatically tied to the invoice.

1.5.14 Demand Synchronization

In Sterling Supply Chain Applications, Release 7.9, you now have the ability to synchronize demands from external sources. This new feature takes a set of ship nodes, demand types, and demand picture as input and then resets the demand information for the specified ship nodes based on the demand picture it receives.

1.5.15 On Invoice Collection

In Sterling Supply Chain Applications, Release 7.9, a new event has been added that, when any collection occurs, publishes the amount collected as well as the total of the associated invoice. This works for either partial or full collections.

1.5.16 Order List

In Sterling Supply Chain Applications, Release 7.9, you can now search for orders by date or shipment attributes.

1.5.17 Node Cut-Off Time Enhancements

In earlier releases, the minimum notification time required for a node to process the order can be configured at the node level, as a fixed period of time. In Sterling Supply Chain Applications, Release 7.9, you can configure the system to dynamically compute the minimum notification time for a node based on the order information and node capacities.

1.5.18 Order Release Status Change

In Sterling Supply Chain Applications, Release 7.9, a new event has been introduced that is raised whenever an order status change occurs.

1.5.19 Asynchronous Procurement Order Creation

In earlier releases, you could create procurement orders synchronously. In Sterling Supply Chain Applications, Release 7.9, you can create procurement orders asynchronously based on the advanced notification time of the node. The delay between the actual procurement order creation and scheduling can be used to modify parent orders.

1.5.20 Purge Draft Orders With No Lines

In Sterling Supply Chain Applications, Release 7.9, you can purge draft orders that do not have order lines.

1.6 Platform Framework

The following new functionality and enhancements have been added to the Platform Framework:

- Alert Framework Enhancements
- Print Enhancements
- Data Security Enhancements
- Condition Enhancements

- Purge Enhancements

1.6.1 Alert Framework Enhancements

The alert framework has been enhanced to provide additional features and capabilities. There are now organization exception types, which are overrides for exception types that can be created at the organization level. Certain attributes, such as priority and routing logic, can be configured in an organization exception type. Routing rules can be defined on an organization level to determine what queue an alert is sent to. Alerts can be associated with a specific application (such as a PCA) and/or a role (such as Buyer or Seller).

1.6.2 Print Enhancements

In the Jasper print configuration, you can now specify the number of copies needed, locale where documents are printed, and the Sterling Supply Chain Applications resource bundles to translate reports to the specified locale.

1.6.3 Data Security Enhancements

In Sterling Supply Chain Applications, Release 7.9, as part of the data security definition, you can now associate users to a specific department.

1.6.4 Condition Enhancements

Sterling Supply Chain Applications, Release 7.9, provides the ability to create and modify Advanced XML conditions. This provides a declarative mechanism to operate an XML document and evaluate conditions using XPATH.

1.6.5 Purge Enhancements

Sterling Supply Chain Applications, Release 7.9, provides the ability to purge records from a table in batch mode instead of purging the records one by one.

1.7 Integration

In Sterling Supply Chain Applications, Release 7.9, the system integration functionality has been enhanced to include new Manage APIs.

Manage APIs

In situations where data from an outside system is coming in to the Sterling Supply Chain Applications, it is not known whether or not that data already exists in Sterling Supply Chain Applications. In Sterling Supply Chain Applications, Release 7.9, the following new APIs are provided to check if the data already exists in Sterling Supply Chain Applications and create or modify the data as necessary.

- manageCategory()
- manageCustomer()
- manageItem()
- manageOrganizationHierarchy()
- manageVendor()
- manageTaskQueue()
- manageLocation()

For detailed information about these APIs, see the *Sterling Supply Chain Applications Upgrade Guide* and *Sterling Supply Chain Applications Javadocs*.

1.8 Global Inventory Visibility

In Sterling Supply Chain Applications, Release 7.9, the Global Inventory Visibility functionality has been enhanced to include new features for:

- Projected On Hand Quantity Computation
- Supply and Availability Corrections

1.8.1 Projected On Hand Quantity Computation

In Sterling Supply Chain Applications, Release 7.9, the getATP API has been enhanced to compute the projected onhand quantity and the accumulated shortage for available-to-promise periods. Projected onhand quantity and accumulated shortage together provide visibility in regards

to the availability of the available-to-promise periods without considering the consumed quantity of demands outside of the available-to-promise periods.

The getATP API has also been enhanced to allow the available-to-promise periods to be broken up. This decision is based on the dates on which there are supply and/or demand changes and when projected onhand quantity is computed for daily periodical lengths.

1.8.2 Supply and Availability Corrections

Sterling Supply Chain Applications, Release 7.9, now provides the ability to override the supply picture based on custom rules. Supplies that are to be considered for scheduling can be overridden or modified using the new getSupplyCorrectionsUE user exit.

Currently, there is a user exit that allows availability corrections to take place during scheduling, however, it can only be called for one item at a time. This new user exit is provided that can be called on all items simultaneously. For detailed information about this user exit, see the *Sterling Supply Chain Applications Javadocs.*

1.9 Logistics Management Enhancements

In Sterling Supply Chain Applications, Release 7.9, the Logistics Management functionality has been enhanced to include:

- Shipment and Load Holds
- Create Shipments Without Order Information
- Receive Intransit Updates

1.9.1 Shipment and Load Holds

Sterling Supply Chain Applications, Release 7.9, provides the ability to define and apply holds on a shipment or load. You can define hold types for an enterprise or document types.

1.9.2 Create Shipments Without Order Information

In Sterling Supply Chain Applications, Release 7.9, you can include shipment lines with or without order information in a shipment.

1.9.3 Receive Intransit Updates

Sterling Supply Chain Applications, Release 7.9, enables you to receive load information without receiving the shipment information. You can later associate the shipment information with the load when received.

1.10 Warehouse Management System Enhancements

In Sterling Supply Chain Applications, Release 7.9, the Warehouse Management System has been enhanced to include the following new features:

- Replenishment Before Picking
- Return Shipping Labels for FedEx
- Ability to Zero Out a Location
- Labor Standards Derivation From Historical Data
- Productivity Tracking and Measurement Enhancements
- Resource Planning
- Simplified Extensibility for Mobile Screens

1.10.1 Replenishment Before Picking

In earlier releases, replenishment tasks were expected to precede pick tasks for a wave. Sterling Supply Chain Applications, Release 7.9, provides the ability to hold pick tasks until inventory is replenished. The ability to continuously replenish forward pick locations based on the location capacity and inventory demand is also provided. As and when replenishment tasks are completed, pick tasks can be released. Warehouses can reprioritize replenishment tasks for emergency shipments and ensure to pick, pack, and release such shipments first.

1.10.2 Return Shipping Labels for FedEx

Sterling Supply Chain Applications, Release 7.9, enables you to print the Return Shipping Label for the container and items packaged into the container manifested with the FedEx carrier. The Return Shipping Label provides the Return Tracking Number. This enables the customer to use

the Return Label sent along with the shipment to return items or container.

1.10.3 Ability to Zero Out a Location

Sterling Supply Chain Applications, Release 7.9, enables warehouses to clean out inventory in accounting bin locations at the end of a physical or cycle count process.

1.10.4 Labor Standards Derivation From Historical Data

Sterling Supply Chain Applications, Release 7.9, provides the ability to automatically derive labor standards (SAM - Standard Allowable Minutes) for a productivity type based on the historical data of tasks executed in a warehouse for that productivity type.

1.10.5 Productivity Tracking and Measurement Enhancements

The Productivity module in Release 7.9 has been enhanced to provide additional variables for defining standard allowable minutes (SAM).

1.10.6 Resource Planning

In Sterling Supply Chain Applications, Release 7.9, the Resource Planning feature has been introduced to enable warehouses to plan resources and manage fulfilling demands ahead of time for their outbound activities.

1.10.7 Simplified Extensibility for Mobile Screens

Sterling Supply Chain Applications, Release 7.9, provides the ability to configure mobile screen parameters to meet specific implementation requirements.

1.11 Other Enhancements

In Sterling Supply Chain Applications, Release 7.9, some additional enhancements include:

- Supplier Configuration Enhancements

1.11.1 Supplier Configuration Enhancements

In Sterling Supply Chain Applications, Release 7.9, you can configure additional attributes for a supplier when creating a vendor definition.

2

Known Issues

The following sections describe the known issues you may encounter in Release 7.9:

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

2.1 Upgrade

The following issues may occur when migrating to Release 7.9:

- **64092** - For SQL Server, running the post migration tasks "run-history-drop" and "run-transaction-drop" result in failure. This is because the columns being dropped are defined as not-null and the system generated constraint objects are dependent on these columns.

  Solution / Workaround: It is optional to run these tasks. Do not run these on SQL Server.

- **79526** - Hold types for custom document types are not applied to orders after migration.

  Solution / Workaround: Update the value of the base_process_type_key in the yfs_hold_type table to ORDER_FULFILLMENT for all custom document types.

- **79716** - During upgrade analysis, the following APIs may be incorrectly displayed as removed:

  – resolveException

  – getOrderLineStatusList

  – prepareForDeposit

  Solution / Workaround: None.

2.2 Installation

You may encounter the following issues during the installation process.

- **79869** - In the *Sterling Supply Chain Application Javadocs*, APIs listed under packages with '.ycd', '.sop', and '.ynw' extensions should not be used unless the respective applications are licensed.

  Solution / Workaround: None

- **79938, 79939** - During the documentation-merge step of the Runtime build, you may encounter warnings or errors with respect to internal classes (for example, YRC). These warnings or errors can be ignored.

  Solution / Workaround: None.

- **79940** - On WebLogic 9.2, running the buildRT.xml file with merge set as the target while using jrockit-R26.4.0-jdk1.5.0_06 produces errors during the documentation generation stage. For example:

  ```
  [java] SystemId Unknown; Line #174; Column #45; Unknown error in XPath.
  ```

  As a result, some of the generated API input/output documentation will have incomplete data.

  Solution / Workaround: Set your JAVA_HOME environment variable to WebLogic's jdk150_04 directory and run the buildRT.xml file again, this time with `mergedocumentation` set as the target. Alternatively, all non-merged documentation may be viewed in the `Applications/Foundation/documentation/api_javadocs` directory.

- **79941** - On Redhat 4, a MalformedInputException will be thrown while generating javadocs for files that contain non-UTF-8 characters. This may result in warnings or errors and may cause the Runtime build process to terminate prematurely in some cases.

  Solution / Workaround: Change the LANG setting to non-UTF-8 before building the Runtime; for example if the LANG setting is `LANG=en_US.UTF-8`, change it to `LANG=en_US`. Now the runtime can be built and once it is complete, the LANG setting should be reverted back to `en_US.UTF-8`.

2.3 Platform

You may encounter the following issues when using the APIs, User Exits, Time-Triggered Transactions (agents), and Services for the Sterling Supply Chain Applications Platform:

- **63459** - When creating relationships for more than 2 nodes in the Fulfillment Network Model screen in the Sterling Supply Chain Applications Configurator, if any single relationship exists between some of these nodes, the multi-relationship is not created through the Add Relationships action. For example, if a relationship of type Transfer exists between Node1 and Node2, and a user attempts to create a multi-relationship between Node1, Node2, and Node3 for the same relationship type (Transfer) by using the Add Relationships action, the system throws a "record exists" error.

  Solution / Workaround:

Option 1: In the Fulfillment Network Model (Map) screen, unselect the FromNode and ToNode of the existing relationship. To do this, press the CTRL key and click on the respective nodes. Then create the multiple relationships.

Option 2: Delete the individual relationship and create multiple relationships.

- **63819** - If a system has more than 4000 nodes and 3000 relationships, and a user tries to load the entire data, the Fulfillment Network Model (Map) screen in the Sterling Supply Chain Applications Configurator becomes unusable. It takes a long time to perform map operations such as zooming, panning, and selection.

  Solution / Workaround:

  Option 1: Set up a saved search through the API that allows you to load the data partially instead of loading the entire data.

  Option 2: If you are loading the Map for the first time, the entire data is loaded. Once the Map screen displays, you can update the filter criteria appropriately to fetch a sub set of the entire data.

- **68180**- The getCustomerList API does not consider the parentCustomer element passed in the input XML.

  Solution / Workaround: Pass the ParentCustomerKey attribute in the Customer element of the input XML.

- **68326** - The auto-update servlet is not traceable in debug mode.

  Solution / Workaround: None.

- **70556** - If you create a new relationship type in the Fulfillment Network Model (Map) screen in the Sterling Supply Chain Applications Configurator, and execute the "Add Single Relationship" action, the newly created relationship type is not available in the Filter screen, Legend screen, and Add Relationship action (for multiple relationships). The newly created relationship type is available in the View Relationships popup screen and the screen that pops up when you create a single relationship.

  Solution / Workaround: After creating the relationship type, close the Fulfillment Network Model (Map) and open it again. This updates the Filter screen, Legend screen, and Add Relationship action (for multiple relationships) with the new relationship type.

- **73872 -** If you are performing a text search on an Oracle database using the "%" wild card with spaces in the search string, the Oracle Intermedia interprets this wild card as a search criteria and returns results for the "%" wild card. Due to this, the following errors may occur:
  - ORA-29902—error in executing ODCIIndexStart() routine
  - ORA-20000—Oracle Text error
  - DRG-51030—wildcard query expansion resulted in too many terms

  Solution / Workaround: If you are performing a text search on an Oracle database, do not use the "%" wild card with spaces in the search string.
- **74248** - The Triggeragent uses the datasource set up in the yfs.properties file although it is not expected to do so. This is due to the fact that it does not use a pooled connection.

  Solution / Workaround: None.
- **74303** - For Sterling Supply Chain Applications APIs that are exposed as web services, when writing custom code to call them, if the user id or prog id are not passed, the system throws a null pointer exception.

  Solution / Workaround: Pass a non-null user id or prog id in the custom code.
- **75621** - Unable to delete an organization that is specified as a catalog organization to its children.

  Solution / Workaround: Disassociate the organization and proceed with the delete action.
- **75856** - When switching from an English locale user to a Spanish locale user, the Sterling Supply Chain Applications Configurator does not accept a comma (the decimal delimiter for the Spanish locale) in the unit dimension field and throws the "NumberFormatException" exception.

  Solution / Workaround: Switch to an English locale and save the unit dimensions.
- **75891** - If you configure any user exit (for example beforePurgeUE) for any purge (for example, Purge Statistics) under the "General" document type, the same user exit is available for other purges.

Solution / Workaround: None.

- **75902** - When running a batch delete, if the value of Live mode is set to "N", the purge log file does not contain any output.

  Solution / Workaround: None.

- **76046** - Batch delete mode is used to purge records in groups as opposed to one by one. If batch delete has been set, the beforePurgeUE user exit is not supported.

  Solution / Workaround: To call the beforePurgeUE user exit, do not set the batch delete mode.

- **76254** - The XMLName for a datatype defined during DB extension is not consistent with the output from the Extended DB API.

  Solution / Workaround: None.

- **76500** - Services that do not belong to a group appear ungrouped.

  Solution / Workaround: None.

- **77234** - If an API and a service have the same name, irrespective of the case, on MS SQL Server the user notices a primary key violation when factory setup for this is run with both names listed in the YFS_HM_GROUPS.xml file.

  Solution / Workaround: Use distinct names for APIs and services on MS SQL Server.

- **78681** - Use of special characters as part of values in an Advanced XML condition is not allowed.

  Solution / Workaround: None.

- **78969** - When running the cleanup target during the migration process from Release 7.3 to Release 7.9, the log file contains some incorrect information. Ignore this information as it has no bearing on the actual clean up process.

  Solution / Workaround: None.

- **79050** - On most locales, you will notice that the date calculations for all 1900 dates are off and do not work as expected on MS SQL Server. This is due to an inherent defect with Opta.jar.

  Solution / Workaround: Add the `dstsave=true` parameter to the JDBC URL configuration.

- **79152 -** The getRegionList API may give incorrect results in certain cases.

  Solution / Workaround: None.

- **79534** - When building the Runtime, the buildRT script fails to merge the current template directory and templates from the previous version. Only the current version templates are copied to the runtime.

  Solution / Workaround: Manually copy the previous version templates to the runtime.

- **79697** - The Loginid attribute is now mandatory input for the modifyUserHierarchy API. If you call this API with a UserKey only, the API throws an 'Invalid User identifiers passed' exception.

  Solution / Workaround: Pass the Loginid to this API.

2.4 Product Management

For this release, there are no known issues in the Sterling Product Management module.

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 Sterling Distributed Order Management, Supply Collaboration, or Reverse Logistics modules:

- **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 shut down 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.

- **57025 -** If you extend the YFS_Order_Line table and add the same attributes in a Shipment Line, there is no way for these attributes to be copied into the YFS_Shipment_Line table. This is a problem when the Order does not exist on the system. These extended attributes are passed in the <Order_Line> element of the Consolidate to Shipment API and since Order Line is not persisted, you lose the values of all of the extended attributes.

  Solution / Workaround: None.

- **66131** - When a transaction dependency rule is set for an incremental time period, the transaction dependency evaluator is rounding the time period down to the nearest hour interval.

  Solution / Workaround: None. For this release ensure that time-based transaction dependency rules are set at full hour increments.

- **73963** - Capacity calculation on the work order is incorrect after provided service lines have been deleted from the order. Instead of capacity being reduced during line deletion, it remains unchanged.

  Solution / Workaround: After provided service line deletion, manually reduce the required capacity on the work order.

- **75952** - The following are limitations when making the Released status a terminal status:

  – Inventory updates for tag controlled and time sensitive items is not supported.

  – Parent orders of drop ship purchase orders never go into the Released status, and therefore, are not supported.

- **76403** - The validateReship API returns a very high number (2147483647) for bundle parent.

  Solution / Workaround: Instead of calling validateReship for any bundle parent, call it for parent items with component items.

- **76408** - If you reship a bundle parent which has out-of-ratio quantity components, component lines are created with incorrect quantity. Bundle components are created with a reship quantity of (parent * KitQty) on the component. If any of the bundle components have a quantity less than the computed quantity, then the quantity should not be computed for such lines.

Solution / Workaround: Call the changeOrder API for such components and modify the quantity.

- **77544** - The getItemListForOrdering API returns associated items across the catalog organization. There is no way to restrict the API to return only the associated items within the catalog organization of the parent item.

  Solution / Workaround: None.

- **77776** - The getOrderLineStatusList API ignores query type in the input.

  Solution / Workaround: This API does not support QryType, it returns an output for one order only. QryType should not be passed in the input.

- **78704** - Cancellation of an inventory reservation through the cancelReservation API or the reserveItemInventory API does not raise the EXTERNAL_DEMAND_CHANGE event.

  Solution / Workaround: None.

- **79141** - When a service line is associated with multiple product lines and multi-dimensional capacity is used, and when cancelling or removing the line by passing a CANCEL or REMOVE action, the capacity that is based on product lines is not recomputed correctly.

  Solution / Workaround: None.

- **79207** - When an appointment is passed on the service line and more than one resource pool services the address specified on the order for the same slot, an error is thrown.

  Solution / Workaround: Create the order without an appointment and then call the changeOrder API with the appointment.

- **79367** - If you add a line that has line charges and discounts using addLineToOrder API, the attribute 'Charges' in the output XML under the <OrderLine><LineOverallTotals> element is the sum of all the charges for the line considering discounts. The attribute 'Discount' is always zero under the <OrderLine><LineOverallTotals> element.

  Solution / Workaround: Call the changeOrder API to add a new line or call the getOrderDetails API after adding a line.

- **79604** - After Item-Based Allocation is run during rescheduling, if the line has a MinShipByDate, scheduling might not use the order line

reservations provided by the IBA agent and attempts to find new inventory to allocate against. Therefore, the line might get backordered.

Solution / Workaround: None.

- **79692** - The taxable flag is not being set to 'N' when it is not passed to the importOrder API.

  Solution / Workaround: Call the changeOrder API after importing the order to change the 'TaxableFlag' value.

- **79706** - A NullPointerException is thrown when the Item-Based Allocation agent processes a tag-controlled item and the Hot SKU feature is enabled.

  Solution / Workaround: None.

- **79903** - When a reserved order created for a logical kit item is scheduled, the order goes to “Partially Scheduled” status whenever the “Onhand” inventory for any of the logical kit components is less than its “Reserved” inventory.

  Solution / Workaround: None.

2.5.1 Sterling Supply Chain Applications Configurator

The following issues may arise when using the Sterling Supply Chain Applications Configurator to configure rules and functionality for the Distributed Order Management, Supply Collaboration, or Reverse Logistics modules:

- **62409** - This is a third-party tool issue. For an outgoing port that is part of a vertical connector, a multiple outgoing link can be drawn if all the points of the existing link from that point lies to the right of the port. If any point of the link lies to the left of the port, the tool does not allow the user to drag another link from the port.

  Solution / Workaround: You will have to position the connector appropriately to the left. This also holds true in when setting the horizontal connector. For an outgoing port that is part of a horizontal connector, a multiple outgoing link can be drawn, if all the points of the existing link from that point lies above the port.

- **63459** - When creating relationships between more than 2 nodes, if any single relationship already exists between some of these nodes,

the multi-relationship is not created. For example, a transfer relationship already exists between Node1 and Node2. If you then attempt to create a multi-relationship for transfers between Node1, Node2, and Node3, the relationship creation fails and a "record exists" error is thrown.

Solution / Workaround: To ensure the creation of the multi-relationship, in the Sterling Supply Chain Applications Configurator, choose Applications > Distributed Order Management > Cross Application > Order Promising > Fulfillment Network Model and delete the already existing individual relationships. Then create the multi-relationships or you can de-select the From Node and the To Node of the already existing relationship from the map by pressing the Ctrl key and clicking on the respective nodes and then create the multi-relationship. For more information on defining relationships and the Fulfillment Network Model, see the *Sterling Distributed Order Management Configuration Guide*

- **63562** - When selecting an action attached previously when creating an "Outbound Picking" action in the Sterling Supply Chain Applications Configurator, the condition may be shown as red and you may also receive a null pointer when trying to view condition details.

  Solution / Workaround: The red color indicates that the condition does not exist for the current process type. You can access the condition details screen by opening the process type in which the condition exists.

- **75257** - Pipeline Labels are not translated to the active locale. They always show the label as being part of the en_US (English) locale.

  Solution / Workaround: None.

- **79459** - The agent criteria for DRAFTORDERNOLINEHISTPRG and DRAFTORDERNOLINEPRG purge codes cannot be configured for Purchase Order Execution, Transfer Order Execution, and Reverse Logistics document types.

  Solution / Workaround: None.

2.5.2 Sterling Supply Chain Application Consoles

The following issues may arise when using the Application Consoles for the Sterling Distributed Order Management, Supply Collaboration, or Reverse Logistics modules:

- **66143** - When attempting to access work order details that display the work order alerts from some of the Application Consoles screens you may encounter a SQL timeout issue. This occurs for work order detail screens that utilize built-in alert count functionality. This occurs when there are a lot of alerts in the system because the YFS_INBOX table does not contain an index on the WORK_ORDER_KEY field.

  Solution / Workaround: Create an index on the WORK_ORDER_KEY in the YFS_INBOX table.

- **76268** - In order details, if a Parent line is selected to be removed from the order then there is no need to call the changeOrder API to remove component line. If a parent line is removed then all of its component lines are also removed, and vice versa. Therefore, if you select a parent line as well as its component line and press remove, an "invalid line" error is thrown for the component line.

  Solution / Workaround: If you want to remove only the component line, select only the component line. If you want to remove the parent line and its components, select only the parent line.

2.6 Global Inventory Visibility

You may encounter the following issues when using the APIs, User Exits, Time-Triggered Transactions (agents), and Services for the Sterling Global Inventory Visibility module:

- **69288** - Prior to this release, scheduling would pick up a substitute item with the highest priority number, which was incorrect. This is fixed, and now scheduling picks up a substitute item with the lowest priority number.

  Solution / Workaround: None.

- **74306** - If the yfs.install.displaydoublequantity flag in the yfs.properties file is set to "N", the findInventory API does not show the quantity as an integer. It always shows values with decimal digits.

  Solution / Workaround: None.

- **75357** - In the complex scenarios where partial quantity is available onhand, partial quantity is available through procurement, and the remaining quantity is coming through a PO, the solution that comes back is not the most optimized. For example, some consolidation occurs even when it should not.

Solution / Workaround: None.

- **77777** - The createResourcePool, changeResourcePool, and getResourcePoolDetails APIs return incorrect DayValidity values when the resource pool uses a calendar that inherits its definition from another calendar.

  Solution / Workaround: None.

- **79279** - The Real Time Availability Monitor does not work if it is configured only for a bundle parent.

  Solution / Workaround: Configure a monitor rule for the bundle parent as well as its components.

2.7 Delivery Management

You may encounter the following issues when using the APIs, User Exits, Time-Triggered Transactions (agents), and Services for the Sterling Delivery Management module:

- **56657 -** The time-triggered transaction, YFSWMSShipConfirm, takes a long time to confirm a shipment whenever there is a large number of serials scanned in the Sterling Warehouse Management System.

  Solution / Workaround: None.

- **78014** - When manifesting a container through a UPS carrier service, UPS labels are not printed properly.

  Solution / Workaround: Use a specific printer driver such as ZEBRA.ZEBRA140. Do not use generic Windows driver.

- **79033** - If routing rules are defined based on ShipTo Region alone, routing determination does not use the correct routing rule.

  Solution / Workaround: Other attributes of the ShipTo element can be used to determine routing instead of region.

- **79351** - The changeShipment API does not throw an error if you attempt to change the requested tag of a shipment line that has an order.

  Solution / Workaround: None.

- **79773** - The input xml for the getTransportationCostUE user exit has an invalid value for the HandlingCost attribute under the <RoutableCarriers><RoutableCarrier><Routable> element.

  Solution/Workaround: None.

2.8 Receipt

For this release, there are no known issues for the Sterling Supply Chain Applications Receipt module.

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 Sterling Supply Chain Applications Value-Added Services module:

- **73559** - Sometimes, the createWorkOrder or modifyWorkOrder APIs use the CapacityOrg as ProviderOrg. This occurs when the following conditions are met in a single API boundary:
  - Product line is being delivered
  - New appointment with resource pool ID is passed
  - Multiple resource pools service the same region

  Solution/Workaround: Always take an appointment as a separate API call. Maker one call to add the product line, and another one to take appointments.
- **73714** - Sometimes, an error is thrown when you try to plan an appointment on a work order that contains both service and product lines.

  Solution/Workaround: Retry to plan an appointment on the work order that contains both service and product lines.

2.10 Sterling Warehouse Management System

You may encounter the following issues when using the Sterling Supply Chain Mobile Application of the Sterling Warehouse Management System modules:

- **56657** - The time-triggered transaction, YFSWMSShipConfirm, takes a long time to confirm a shipment whenever there are a large number of serials scanned on the Sterling Warehouse Management System.

  Solution / Workaround: None.

- **59155 -** The batch creation algorithm does not honor the "Minimize No. of Batches per Shipment" constraint.

  Solution / Workaround: None.

- **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.

- **63562, 79322** - When a service is defined for one process type (for example, Manifesting) and it uses a Condition defined for that process type and an Action created for a different process type (for example, Outbound Picking), the condition displays in red whenever you open the Configurator, navigate to the Outbound Picking process type, open the action, and double-click on the service. Also, when you navigate to the Condition Details, a null pointer exception is thrown.

  Solution / Workaround: When a Condition displays in red, it indicates that the condition does not exist for the current process type (Outbound Picking in this example). Therefore, you can only access the Condition Details screen by opening the process type for which the Condition is defined. In this example, you must open the Manifesting process type, go to the Services tab, and double-click on the service that was configured. Click on the Condition in the Service Details screen from which you can access the Condition Details screen.

- **65988 -** After fine tuning the following configurations in the Sterling Supply Chain Applications 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 Sterling Supply Chain Application Consoles and complete the pick tasks by providing the tag details.

- **73262 -** An I/O exception is seen intermittently on the WebSphere server for HSDE screens running on a Linux platform but the transaction succeeds properly.

  Solution / Workaround: None.

- **73578 -** The PalletId value scanned in the CaseId/PalletId value vanishes while receiving at the receiving node. You are not able to see the pallet in which you will be receiving.

  Solution / Workaround: None.

- **74499** - The Assign Shift user interface does not let you assign resources to different shifts.

  Solution / Workaround: Create an exception shift for the user and date and assign the user to that exception shift. You can make permanent changes to the user's shift in the Sterling Supply Chain Applications Configurator.

- **79680** - The User Time Sheet cannot be viewed properly when users perform tasks belonging to different activities in the same time range. For example, pack while pick.

  Solution / Workaround: None.

- **79804** - On Denso Win CE mobile devices, when performing Single Step Receipt and Putaway, the "Putaway" button is not displayed on the Case/SKU Receiving screen.

  Solution / Workaround: Press the F12 function key.

2.11 Sterling Supply Chain Analytics

You may encounter the following issues when using the Sterling Supply Chain Analytics:

- **54376** - The ShipNodeProfile Cube does not work with the current RELATED_STATUSES view based on odd filtering on 1400 status.

Solution / Workaround: None.

- **57648** - The IQDs supplied by Sterling Commerce for PowerPlay cubes are certified to run only on Oracle and DB2 databases. SQL Server is not supported.

  Solution / Workaround: None.

2.12 Reference Utilities

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

- **62175** - The schema generator generates new sequence creation statements. For SQL Server, the "sequences" (sequence tables and sequence procedures) are written to the alters.sql file. In DB2 and Oracle, the actual sequence create statements are created in the seq.sql files. These statements created in the alters.sql file work fine. However, it is not consistent with the location of statements for other databases. There is also an overlap between the manually created SQL statements and the SQL statements generated by the entity generator.

  Solution / Workaround: Remove overlapping SQL statements, if necessary. Otherwise, ignore errors that are thrown.

- **72908** - For Oracle and DB2, dbverify creates extra statements when creating sequences. The statements are a duplicate of the manually created SQL files that are shipped with the product.

  Solution / Workaround: Delete the duplicate create statements.

- **77436** - Fresh SQL Server installations have their schema owner set to the 'dbown' user. When running dbverify on such a database, even though differences are not found, the tool indicates that there are differences.

  Solution / Workaround: None.

- **77465** - The CDT throws an exception when the data is changed both on the source and destination databases.

  Solution / Workaround: None.

- **79428** - The following attributes are not updated in the YFS_Person_Info table when there is a conflict, and a warning message displays.
  - Latitude
  - Longitude
  - TAX_GEO_CODE
  - IS_ADRESS_VERIFIED

  Solution / Workaround: In the Sterling Supply Chain Applications Configurator, manually change the values of the above attributes.
- **79145** - When running dbverify on Oracle, if you have two schemas with the same index of type CONTEXT, errors are thrown.

  Solution / Workaround: None.

2.13 System Management Console

You may encounter the following issue when using the Sterling Supply Chain System Management Console:

- **71860** - When suspending or resuming a server from suspension, the System Management Console takes a long time to respond. The API call to suspend or resume a server waits for each thread to complete the current processing before it terminates the thread. This appears as though the System Management Console is hanging.

  Solution / Workaround: None.

2.14 Third Party

You may encounter the following issue when using the applicable third-party software:

- **79042** - In WebLogic, if you are running an admin server in conjunction with many managed servers, in the event of one managed server going offline and being restarted, one or more agent servers may produce an error message. This is a known issue with BEA (CR295628).

  Solution / Workaround: After the managed server has been brought back online, restart each agent server.

- **79710** – If you have webservices enabled on WebSphere, the application Server fails to deploy. PMR 19491,756,000 is currently open with IBM.

  Solution / Workaround: None.

- **79849** - When starting WebLogic or pre-compiling the Sterling Supply Chain Applications EAR using weblogic.jar, you may receive an error similar to the following:

  ```
  java.io.InvalidClassException: javax.xml.namespace.QName;
  local class incompatible: stream classdesc serialVersionUID
  = 4418622981026545151, local class serialVersionUID =
  -9120448754896609940
  ```

  Solution / Workaround: Start WebLogic with the following property:

  ```
  -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID
  =1.0
  ```

2.15 Internationalization and Localization

For this release, there are no known internationalization or localization issues.

2.16 Documentation

For this release, there are no known documentation issues.