

Sterling Selling and Fulfillment Foundation



# Hot Fix Release Notes

*Release 90, HF89*



Sterling Selling and Fulfillment Foundation



# Hot Fix Release Notes

*Release 90, HF89*

**Note**

Before using this information and the product it supports, read the information in "Notices" on page 119.

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## In This Hot Fix

This hot fix contains IBM® Sterling Selling and Fulfillment Foundation software fixes.

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## Installation Information

The prerequisites for this hot fix differ, depending on whether you are a new customer or an existing customer.

### Prerequisites

Before you begin installing this hot fix, complete these prerequisites:

- If you are a new customer:
  - Install Sterling Selling and Fulfillment Foundation Release 9.0 before you install this hot fix. For information about installing Release 9.0, see the installation information on <http://www-01.ibm.com/support/docview.wss?uid=swg27023866>.
  - Follow the “Hot Fix Installation Procedure” below.
- If you are an existing customer, follow the “Hot Fix Installation Procedure” below.

### Hot Fix Installation Procedure

Installation procedure is available in the hot fix installation instructions file, HotFixInstallation.txt, which is included in the hot fix package.

For more information about the hot fix, contact IBM Technical Support.

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## Defects Addressed In This Hot Fix

The following defects have been addressed in this hot fix to Sterling Selling and Fulfillment Foundation, Release 9.0. A hot fix when released is listed cumulatively here.

### Hot Fix 89

8.5-HF 89

<b>Defect ID</b>	436229
<b>PMR #</b>	03228,442,000
<b>Description</b>	<p>The REFERENCE_4 field corresponding to ReceiptLineKey is not populated in the YFS_LOCATION_AUDIT and YFS_LOCN_INVENTORY_AUDIT tables while receiving an inbound shipment having multiple shipment lines for a same serial-tracked item, when a user performs the following actions:</p> <ol style="list-style-type: none"><li>1. Creates an inbound shipment for a serial-tracked item with 3 shipment lines having 1 quantity each.</li><li>2. Confirms the shipment and starts the Receipt.</li><li>3. Logs in to the Sterling Mobile application to start Receiving.</li><li>4. Enters a case ID and tabs out.</li><li>5. Enters serial numbers for all 3 shipment lines and tabs out.</li><li>6. Completes Receiving and Closes the container.△</li></ol>

<b>Defect ID</b>	440574
<b>PMR #</b>	15106,442,000
<b>Description</b>	<p>On releasing a move request for non-segmented inventory, the system considers an incorrect putaway preference, when a user performs the following actions:</p> <ol style="list-style-type: none"> <li>1. Configures two putaway preferences, PREF01 and PREF02, under a single-SKU.</li> <li>2. Configures PREF01 for non-segmented inventory (no SegmentType or segment information) with preferred zone as Z1.</li> <li>3. Configures PREF02 for segmented inventory specifying valid SegmentType and segment information with preferred zone as Z2.</li> <li>4. Adjusts inventory in location, LOC1 for item I1 as 10 quantities with empty segment and I2 as 10 quantities with segment, S1.</li> <li>5. Creates and releases move request for LOC1 for item I1.</li> </ol> <p>The released task suggest a target location from zone Z2 which is for segmented inventory.</p> <p><b>Solution:</b> The system considers appropriate putaway preference and stamps the target location on the task accordingly.</p>

## Hot Fix 88

Release 9.0-HF88

<b>Defect ID</b>	432107
<b>PMR #</b>	16712,019,866
<b>Description</b>	<p>Sterling Selling and Fulfillment Foundation displays java.lang.ArrayStore exception, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Enables buyer and seller validation, and sets them to "Defined In The Enterprise Hierarchy" for the Sales order document order validation rules.</li> <li>2. Navigates to Create Order screen and selects Seller search from the Application Console.</li> <li>3. Clicks Search on the pop-up that appears.</li> </ol>

<b>Defect ID</b>	431317
<b>PMR #</b>	06953,019,866



<b>Description</b>	<p>The system displays an “Inventory for the SKU does not exist in the location or Case/Pallet to perform the inventory operation” error message during picking, when a user performs the following actions:</p> <ol style="list-style-type: none"> <li>1. Configures a sometimes tag-controlled item, I1 with lot number as tag identifier.</li> <li>2. Enables 'Capture during receiving and track tag information in all node operations' flag in Tag Information for the node.</li> <li>3. Adjusts inventory for item I1 in a location with two lot numbers, LOT-01 and LOT-02.</li> <li>4. Creates shipment, S1 for I1.</li> <li>5. Invokes retrieveShipment API for shipment S1 to create and release MoveRequest.</li> <li>6. Logs in to Sterling Mobile application and selects "Retrieval" activity from the menu.</li> <li>7. Scans the shipment number in Task list number field.</li> <li>8. Scans I1 in Item ID field and tabs out.</li> <li>9. Deposits the picked item using F6.</li> </ol> <p><b>Solution:</b> The system displays a Tag Entry screen after scanning the Item ID, and allows the user to capture lot information.</p>
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## Hot Fix 87

Release 9.0-HF87

<b>Defect ID</b>	421898 , 392823
<b>PMR #</b>	13131,019,866, 47435,004,000
<b>Description</b>	<p>The recordExternalCharges API must support cancellation of an Asynchronous CHARGE or AUTHORIZATION requests.</p> <p><b>Solution:</b> The recordExternalCharges API is enhanced to support a new attribute "CancelPendingAsynchronous". This attribute must be used only for an asynchronous payment processing wherein asynchronous request's response is negative. During recordExternalCharges API execution, it is expected to pass negative RequestAmount to cancel authorization or settlement requests.</p> <p>For more information about CancelPendingAsynchronous attribute, refer to the <i>Selling and Fulfillment Foundation:Javadocs</i>.</p>
<b>Defect ID</b>	422315
<b>PMR #</b>	76166,499,000
<b>Description</b>	<p>“YFS: Get Order Line Failed” exception is displayed, when a user performs the following set of actions:</p> <ol style="list-style-type: none"> <li>1. Creates a Dynamic Physical Kit (DPK) item and creates its component items.</li> <li>2. Configures a kitting service and associates it to the DPK item created.</li> <li>3. Adjusts inventory for component items at a node. For example, N1.</li> <li>4. Makes sure "Allow work order creation" flag is checked at the node.</li> <li>5. Creates an order from the above DPK and its components.</li> <li>6. Schedules the order, releases the order and then ships the order.</li> <li>7. Purges the sales order that is created followed by purging the work order.</li> <li>8. Invokes restoreOrder API with the sales order details.</li> </ol>

**Defect ID** 424354  
**PMR #** 10830,019,866  
**Description** When the MQ JMS server is down, the integration server displays 'NullPointerException' error and is not able to reconnect to the JMS server.

**Defect ID** 424330  
**PMR #** 87657,499,000  
**Description** The java.sql.SQLException is displayed when getATP is invoked for an item that is not there in the system and that has no entry in YFS\_INVENTORY\_ITEM.

**Defect ID** 425622  
**PMR #** Internal  
**Description** The product enhancement provided as part of Sterling Selling and Fulfillment Foundation 9.0-Hot Fix 84 (Defect 408858) is rolled back on customer request.

## Hot Fix 86

Release 9.0-HF86

**Defect ID** 421382  
**PMR #** 72509,101,616  
**Description** The YFSExtnInputHeaderChargesShipment input parameter of the YFSGetHeaderChargesForShipmentUE user exit does not have a shipment key.

**Solution:** The YFSExtnInputHeaderChargesShipment input parameter is enhanced to contain shipmentKey attribute. The parameter is passed as input to YFSGetHeaderChargesForShipmentUE user exit.

**Defect ID** 421787  
**PMR #** 86754,004,000  
**Description** Real-Time Availability Monitor (RTAM) is triggered for all parent items on the order of KIT\_ITEM\_KEY, causing a deadlock on the YFS\_INVENTORY\_ALERTS table, when a user performs the following actions:

1. Adds one or more items as components for multiple bundle items in different order.
2. Runs RTAM in a full synchronous mode and in a multi-threaded environment.

## Hot Fix 85

Release 9.0-HF85

**Defect ID** 415902  
**PMR #** 27630,442,000  
**Description** A Cross Site Scripting (XSS) security vulnerability on the console screen has been fixed.

**Defect ID** 412584  
**PMR #** 77338,999,760

<b>Description</b>	The getLPNDetails API does not return the item and case information when having a pend-out quantity in multi-level hierarchy, (for example, Pallet-Case- item). The issue is observed only when the putaway task created for the Pallet is in 'Open' status.
<b>Defect ID</b>	415255
<b>PMR #</b>	Internal
<b>Description</b>	The configurator and applets are not loaded with JRE 7, when Java security is high or medium.
<b>Defect ID</b>	415882
<b>PMR #</b>	78221,999,760
<b>Description</b>	The system displays an "WMS00023:Inventory Status not passed and transition is not specified for blank Status" error message, when a user performs the following actions: <ol style="list-style-type: none"> <li>1. Configures item which is FIFO tracked in inventory.</li> <li>2. Ensures inventory for the item is present in pick location with FIFO number.</li> <li>3. Creates a shipment.</li> <li>4. Includes the shipment in a wave and releases it.</li> <li>5. Attempts to delete the shipment container from the shipment.</li> <li>6. Logs in to Sterling Mobile application.</li> <li>7. Enters the Pack Location as the target location and target case ID.</li> </ol>
<b>Defect ID</b>	418623
<b>PMR #</b>	40929,379,000
<b>Description</b>	While deleting the unconfirmed inbound shipment, which was already confirmed with container details, the system displays an "YFS:Invalid Node" exception. <p><b>Solution:</b> The system allows the user to delete the unconfirmed inbound shipment with containers.</p>
<b>Defect ID</b>	418604
<b>PMR #</b>	06346,019,866
<b>Description</b>	When a user adjusts the inventory for a serial-tracked item with Segment and Segment Type attributes, the Serial Number is blanked out in the Serial List after changing the Location Inventory attributes, Segment and Segment Type.

## Hot Fix 84

Release 9.0-HF84

<b>Defect ID</b>	412505
<b>PMR #</b>	72310,101,616

**Description** The collected amount is be less than the order total, when a user performs the following sequence of actions:

1. Creates a sales order and sets the quantity as 10.
2. Sets the unit price as 17.99.
3. Sets the line discount (ChargePerUnit) as 8.995.
4. Sets the header shipping charge as 10.
5. Schedules and releases the order.
6. Cancels 3 orders.
7. Ships 7 orders and creates shipment invoice.
8. Runs the processOrderPayments API.

**Defect ID** 366238  
**PMR #** 69754,379,000

**Description** In Sterling Warehouse Management System there must be a provision to create a master pack parent container for a list of child containers during system-suggested containerization process.

**Solution:** A warehouse user must complete the following tasks, to generate the master pack parent container for the child containers:

1. Set the "yfs.containerization.perform.masterpack.for carriertype" property with list of carrier types (separated by commas).
2. Configure one of the container as master container with Packing Instruction Code as "MASTER\_PACK\_PARENT" for a given classification.
3. Configure one or more containers as child containers with Packing Instruction Code as "MASTER\_PACK\_CHILD" for a given classification.

**Defect ID** 408858  
**PMR #** 88633,,379,000

**Description** In Sterling Warehouse Management System there must be a provision to check minimum dimension of a container, apart from the container permissible volume and weight, while placing item quantities into a container during system-suggested containerization process.

**Solution:** A warehouse user must set the "yfs.containerization.check.minimum.stack.for.classifications" property with list of item classifications (separated by commas).

**Defect ID** 411109  
**PMR #** 05647,019,866

**Description** The Inventory Console does not reflect segment changes for an item, when a user performs the following sequence of actions:

1. Adjusts inventory for a normal item I1 in warehouse with product class and segment information.
2. Changes the location inventory attributes for I1 from console by changing the product class and blanking out the segment information (segment type and segment #).

The Location Inventory Console reflects the new product class and segment changes for I1, but inventory console displays old segment values for I1.

**Solution:** The system updates and reflects the inventory picture correctly in both Inventory Console and Location Inventory Console.

# Hot Fix 83

Release 9.0-HF83

**Defect ID** 365805  
**PMR #** 67173,379,000  
**Description** While creating a wave, the oldest shipments are not selected first, when a user performs the following sequence of actions:

1. Configures Wave Size Constraint for a shipment group by setting #Shipment Lines.
2. Configures "Number of Waves Released Concurrently" option.
3. Creates two shipments, S1 with three lines and S2 with four lines.
4. Runs the CREATE\_WAVE\_FOR\_SHIPMENT\_GROUP agent.

**Solution:** "Number of Waves Released Concurrently" is set to one and #shipment lines is set to four. The system adds the oldest shipment S1 in the wave.

**Defect ID** 405853  
**PMR #** 67439,379,000  
**Description** The system throws a NullPointerException, when a user performs the following sequence of actions:

1. Creates an inbound shipment for an item.
2. Receives the shipment in a LPN.
3. Purges the inbound shipment from both shipment and the history table.
4. Logs in to the Sterling Mobile application.
5. Performs adhoc move for the LPN.

**Defect ID** 410157  
**PMR #** 74200,019,866  
**Description** PACK\_SHIPMENT\_COMPLETE - ON\_SUCCESS event is invoked twice while packing an inventory case into a new container in Pack HSDE, when a user performs the following sequence of actions:

1. Enables PACK\_SHIPMENT\_COMPLETE:ON\_SUCCESS event.
2. Creates a shipment.
3. Completes picking for the shipment and deposits inventory in a case at the pack station.
4. Navigates to Pack HSDE screen to pack the shipment.
5. Selects the pack station and clicks on new case.
6. Scans the inventory case in the SKU field and clicks "Close Container".

**Solution:** PACK\_SHIPMENT\_COMPLETE - ON\_SUCCESS event is executed only once on completing packing for the shipment.

**Defect ID** 410380  
**PMR #** 09628,379,000

**Description** Recalculate Location Dimensions agent does not recalculate the available capacity of its location correctly if the volume and weight of an existing item is changed, when a user performs the following sequence of actions:

1. Enables the Location Definition, Location Size Definition, and Define Item events.
2. Configures an item with dimensions.
3. Stores the item in a location in LPNs or as loose.
4. Changes the item dimensions.
5. Runs the RECALC\_LOCN\_DIMENSIONS agent.

**Solution:** Location capacity is recalculated after changing the item dimensions.

## Hot Fix 82

Release 9.0-HF82

**Defect ID** 407425  
**PMR #** 72215,101,616  
**Description** The value for the line ChargePerUnit is rounded to 2 decimal points and RemainingChargePerUnit is not rounded to 2 decimal points, when a user performs the following set of actions:

1. Creates an order, with the line ChargePerUnit having the value of more than 2 decimal points.
2. Calls the getOrderDetails API.

**Defect ID** 407685  
**PMR #** Internal  
**Description** Security fixes are implemented in this hot fix, and a separate Security Hot Fix is available. Please refer to HotFixInstallation.txt before proceeding with installation.  
**Note:** For more information on the security issues fix, please contact IBM Support.

## Hot Fix 81

Release 9.0-HF81

**Defect ID** 340559  
**PMR #** 91420,379,000

**Description** While creating replenishment tasks during wave release with minimum or maximum replenishment configured, the system replenishes the maximum quantity from bulk, ignoring the remaining inventory at the dedicated location, when a user performs the following sequence of actions:

1. Configures an item I1 with alternate UOM as CASE and conversion quantity as 8 (such as, 1 CASE = 8 Each).
2. Configures a dedicated location L1 for item I1 with minimum quantity as 10 and maximum quantity as 60.
3. Configures PLA to replenish the location L1 when inventory goes below the minimum to replenish up to maximum quantity.
4. Configures Replenishment Strategy to replenish L1 from bulk zone B1 with round off to CASE enabled.
5. Adjusts inventory for 28 units of I1 in L1.
6. Creates a shipment for 20 units I1.
7. Includes the shipment in a wave and releases the wave.

The system creates a replenishment task from B1 for 64 units (due to round off) and ignores the remaining 8 quantities at L1, as remaining quantity is lesser than the configured minimum quantity.

**Solution:** The system considers the balance inventory at L1 while calculating the replenishment quantity.

**Defect ID** 343065  
**PMR #** 94869,379,000

**Description** The system must provide an option for a warehouse user in IBM Sterling WMS Mobile Application to skip a task in a location instead of the entire location, when the user enters a skip exception code while performing pick operations.

**Solution:** A new "yfs.skip.task.for.exceptionlist" property is introduced. The list of skip exception codes separated by commas that needs the capability to skip task must be associated with "yfs.skip.task.for.exceptionlist" property to get the required behavior.

**Defect ID** 371004  
**PMR #** 84149,379,000

**Description** While configuring the replenishment strategy, IBM Sterling Warehouse Management System application provides only 2 options to define zones to search from.

**Solution:** The Sterling Warehouse Management System application is enhanced, the number of options is increased from 2 to 5 for defining the zones to search from.

**Defect ID** 387946  
**PMR #** Internal

**Description** When a user loads the cartons and pallets to a trailer after packing, products for multiple stores with the same route are loaded to the same trailer.

**Solution:** Tasks to load cartons and pallets to trailer are prioritized according to the reverse sequence of store drop off.

**Defect ID** 397504  
**PMR #** 88407,019,866

**Description** When routing guide is not maintained in the system for buyer, seller, and enterprise, the system must consolidate an order release with pre-assigned carrier information to an existing shipment assigned to the same carrier.

**Solution:** A new "yfs.consolidate.shipments.for.preassigned.carrier" property is introduced. The "yfs.consolidate.shipments.for.preassigned.carrier" property must be set as 'Y' to consolidate an order release with pre-assigned carrier information to an existing shipment assigned to the same carrier.

**Defect ID** 404521  
**PMR #** 22503,004,000

**Description** In Sterling Business Center application, when the pagination mashup SCUIPaginatedXAPIMashup class is used to get paginated results for a service invocation, then the SCUIPaginatedXAPIMashup class sends incorrect input to the backend, due to which the invocation fails with an error.

**Defect ID** 406926  
**PMR #** 74197,019,866

**Description** The system throws 'Concurrent Modification Exception' while completing count task through Sterling Application Console for a location having mixed inventory of normal item and tag-controlled item, when a user performs the following sequence of actions:

1. Configures a count program to perform cycle count at location level and defines a count strategy.
2. Adjusts inventory for a normal item, I1 and sometimes tag-controlled item, I2 at location L1. Item I2 does not have tag record in the system.
3. Creates a cycle count request and task for location L1 using 'CREATE\_COUNT\_TASKS\_79'.
4. Completes the count task through Sterling Application Console.

**Solution:** The system allows the user to complete the count task of a location having normal and sometimes tag-controlled item.

## Hot Fix 80

Release 9.0-HF80

**Defect ID** 391688  
**PMR #** 67080,005,000

**Description** The searchCatalogIndex API is enhanced to conditionally restrict the FacetList in the output.

**Solution:** A new attribute ConsiderOnlyAllAssignedValueAttributes is introduced in the input of searchCatalogIndex for ShowAllAssignedValues element. If the attribute is set to Y, the FacetList element in the output contains only the ItemAttributes passed in the input.

**Defect ID** 402494, 287315  
**PMR #** 73848,019,866, Internal

**Description** The getNodeInventory API invokes a query which performs a full table scan on YFS\_ITEM table.

**Solution:** The getNodeInventory API invokes a query which uses the indexes and does not perform a full table scan.



# Hot Fix 79

Release 9.0-HF78

**Defect ID** 390740  
**Case ID** 67071,005,000  
**Description** The application server fails with out of memory error while using catalog index.

**Defect ID** 383183  
**Case ID** 11168,499,000  
**Description** When the confirmShipment API is invoked for cancelled sales order, the confirmShipment API throws a java.lang.NumberFormat exception instead of throwing an appropriate error.

**Solution:** A new error message, "OMP80\_0090 : Shipment line cannot be created for the canceled order line", is displayed.

**Defect ID** 391345  
**Case ID** 45287,004,000  
**Description** Inventory picture is not published as a node on the non working day, when the user performs the following actions:  

1. Configures deliver bundle together and configures the shipping calendar with some non working days.
2. Provides on hand inventory for all the component items.
3. Executes Run time Availability monitor (RTAM) on a non working day.

**Defect ID** 392823  
**Case ID** 47435,004,000  
**Description** During an asynchronous processing, if the user suspends the payment method, a new settlement request is not triggered, and the order does not move to await new payment method status.

**Defect ID** 394394  
**Case ID** 79889,019,866  
**Description** When session timeout value is changed in the web.xml, it does not affect the session timeout of the user.

**Solution:** The session timeout value from the YFS\_USER table overrides the session timeout value in the web.xml. A new context-param "scui-suppress-user-level-sessiontimeout-override" is added to provide an option to ignore the session timeout value from the YFS\_USER table.

If you do not want to override the session timeout value that is mentioned in the web.xml, add the following entry to the web.xml:

```
<context-param>  
<param-value>scui-suppress-user-level-sessiontimeout-override  
</param-value>  
<param-value>y</param-value>  
</context-param>
```

**Note:** The required information is included in the *Customizing web.xml for Session Timeout* section of the .

**Defect ID** 394778  
**Case ID** Internal

**Description** The session timeout override property is not honored in version 9.0.

**Solution:** The session timeout override property is introduced in 9.0 version.

**Note:** For more information on Customizing web.xml for Session Timeout, refer to .

## Hot Fix 78

Release 9.0-HF78

**Defect ID** 384087  
**Case ID** 72050,019,866  
**Description** The PACK\_SHIPMENT\_COMPLETE.0006 transaction does not have any event associated with it.

**Solution:** The ON\_SUCCESS event is added to the PACK\_SHIPMENT\_COMPLETE.0006 transaction.

**Defect ID** 385083  
**Case ID** 79848,019,866  
**Description** The Count program does not consider the Velocity Code overridden for an item in the Node Item attribute when a user performs the following sequence of actions:

1. Creates an Item I1 and sets the value of the Velocity Code as C.
2. Overrides the Velocity Code with B in the Node Item tab.
3. Adjusts the location inventory for I1.
4. Creates a Count program with the Velocity Code value, B.
5. Executes the Count program through the Execute Count Program agent.

The count program agent does not consider the velocity code B for I1.

**Solution:** The Execute Count Program agent runs the Count program to consider the overridden value of Velocity Code of the item specified in the Node Item attribute.

## Hot Fix 77

Release 9.0-HF77

**Defect ID** 381164  
**Case ID** 15115,004,000  
**Description** Maximum charge limit (MaxChargeLimit) doubles when a user performs the following sequence of actions:

1. Implements the YFSCollectionOthersUE user exit for asynchronous payment processing.
2. Creates an order for \$10 with the payment method type "Other" and MaxChargelimit as \$10.
3. Calls the processOrderPayment API.
4. Calls the recordExternalCharges API with ChargeType="AUTHORIZATION" for the \$10 request and processed amount.

**Solution:** The Maximum charge limit does not change.

## Hot Fix 76

Release 9.0-HF76

**Defect ID** 367910  
**Case ID** 65766,005,000  
**Description** When shipment statistics collection is enabled for a node, the system throws an "YCP0429 (Data Security violation)" error on closing a manifest or confirming a shipment.

## Hot Fix 75

Release 9.0-HF75

**Defect ID** 360823  
**Case ID** 58190,005,000  
**Description** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* must be updated with the information that system identifies the receivable shipments only if the Advance Ship Notice (ASN) is created for the scanned order alone.  
**Solution:** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* is updated with the required information.

**Defect ID** 372507  
**Case ID** 83657,379,000  
**Description** A documentation supplement, *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide*, captures documentation changes resulting due to the following:

- Fixes or modifications in 9.0 Sterling Selling and Fulfillment Suite applications.
- Fixes or modifications to 9.0 Sterling Selling and Fulfillment Suite documentation set

**Solution:** The following change required for the *Sterling Warehouse Management: User Guide* is provided in the documentation supplement. Updated procedures are provided in the appropriate sections:

- The # Containers action is added to the Pack Details, Scan table.

**Defect ID** 374076  
**Case ID** 46755,7TD,000  
**Description** The SHIPMENTHISTPRG agent does not purge the YFS\_SHIPMENT\_H table.  
**Solution:** The SHIPMENTHISTPRG agent does purges the YFS\_SHIPMENT\_H table.

**Defect ID** 375729  
**Case ID** 70273,499,000

<b>Description</b>	<p>The createOrder API throws a null pointer exception, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Creates an organization, ORG which is Inventory/Catalog/Capacity organization by itself.</li> <li>2. Creates an item under ORG.</li> <li>3. Creates an organization under ORG, ORG_1. Inventory organization for ORG_1 is ORG.</li> <li>4. Creates an order for organization ORG_1.</li> <li>5. Creates another organization ORG_2. ORG as consumable inventory organization for ORG_2.</li> <li>6. Adjusts inventory with inventory organization as ORG.</li> <li>7. Creates organization ORG_3 with ORG as consumable inventory organization.</li> <li>8. Calls createOrder API for organization ORG_1.</li> </ol>
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## Hot Fix 74

Release 9.0-HF74

<b>Defect ID</b>	373124
<b>Case ID</b>	11383,7TD,000
<b>Description</b>	<p>When getCompleteOrderDetails API is called for a draft order repriceOrder API is invoked internally to fetch updated price information which is not required.</p> <p><b>Solution:</b> A new RepriceOrder flag is introduced in the getCompleteOrderDetails API. The getCompleteOrderDetails API calls the YFSOrderRepricingUE user exit only when RepriceOrder flag is passed as 'Y'.</p> <p><b>Note:</b> In Sterling Customer Order Management PCA client, when a draft order is opened for the first time, the RepriceOrder flag is passed as 'Y'.</p>
<b>Defect ID</b>	373236
<b>Case ID</b>	66583,005,000
<b>Description</b>	<p>The getBestMatchedLabelFormat algorithm uses HashMap to look-up the organization level. Therefore, the label preferences are not displayed in the expected order.</p> <p><b>Solution:</b> Linked list is used to display the correct order of label preferences. The system displays the label preferences in the following order:</p> <ul style="list-style-type: none"> <li>• Node</li> <li>• Enterprisecode</li> <li>• SellerOrganizationCode</li> <li>• BuyerOrganizationCode</li> <li>• SCAC</li> <li>• EquipmentType</li> </ul>
<b>Defect ID</b>	374612
<b>Case ID</b>	60553,499,000

**Description** Extended attributes are not copied to the YFS\_LINE\_CHARGES table for the created adjustment invoice, when a user performs the following sequence of actions:

1. Adds an extension columns to YFS\_LINE\_CHARGES table.
2. Creates an order invoice.
3. Calls the changeOrder API to avail discount.

**Defect ID** 374626

**Case ID** 04701,379,000

**Description** During the Pick operation, if a user moves a task to the 'Held' status due to shortage of inventory, the user cannot create a task to replenish the inventory through the Shipment Console screen.

**Solution:** A user can create a task to replenish the inventory for the tasks in the 'Held' status through the Shipment Console screen.

**Defect ID** 374628

**Case ID** 04702,379,000

**Description** While picking a shipment, if a user moves a task to the 'Held' status due to inventory shortage, the user does not get any notification.

**Solution:** The system enables a user to configure an alert to get notified when a task is moved to the 'Held' status.

**Note:** A user must enter the appropriate Reason Code while moving a task to the 'Held' status.

## Hot Fix 73

Release 9.0-HF73

**Defect ID** 373864

**Case ID** Internal

**Description** Security issues have been addressed.

**Note:** For more details, please contact IBM Support.

## Hot Fix 72

Release 9.0-HF72

**Defect ID** 361795

**Case ID** 58786,005,000

**Description** Multiple users can simultaneously work on a specific task when a user performs the following sequence of actions:

1. Performs the Activity task using OrderPick.
2. Picks the product onto an inventory pallet.
3. Selects a primary pallet type.
4. Performs the task using a mobile device.
5. Dispatches the tasks as soon as they are generated.
6. Suggests multiple tasks and allows user to choose.
7. Limits the number of users that work on a shipment to one.
8. Uses Pick sequence for picking.
9. Uses Putaway sequence for putaway.

**Solution:** The number of users is limited to one.

Release 9.0-HF72

**Defect ID** 370927  
**Case ID** 42892,442,000  
**Description** When the consolidateToShipment API routes a released order to a new shipment, the requested carrier service is not displayed.

**Solution:** The carrier service requested by the shipment is displayed.

Release 9.0-HF72

**Defect ID** 371616  
**Case ID** 66763,005,000  
**Description** The Manifest element is missing from the beforeAddContainerToManifestUE user exit in the *Selling and Fulfillment Foundation: Javadocs*.

**Solution:** The Manifest element is added.

## Hot Fix 71

Release 9.0-HF71

**Defect ID** 370888  
**Case ID** 66941,005,000

**Description** The system confirms the shipments associated to a partially manifested load resulting in data inconsistency, when a user performs the following sequence of actions:

1. Configures the `yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment` system property to Y.
2. Configures the `yfs.closemanifest.online` system property to N.
3. Enables the package level integration for the carrier service.
4. Creates multiple shipments with the carrier service and packs the shipments in multiple containers.
5. Includes these shipments in a load.
6. Manifests few of the containers for these load shipments.
7. Closes the manifest.
8. Runs the CLOSE\_MANIFEST agent to close the manifest offline.

**Defect ID** 371116

**Case ID** 66971,005,000

**Description** The system does not confirm the shipment, when a user performs the following sequence of actions:

1. Configures the `yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment` system property to Y.
2. Enables the package level integration for the carrier service.
3. Creates multiple shipments with the carrier service and packs the shipments in multiple containers. Overpacks the containers into a parent container.
4. Manifests the parent container for these shipments.
5. Closes the manifest.

**Defect ID** 371390

**Case ID** 75842,019,866

**Description** The system mandates for tag information, when a user performs the following sequence of actions:

1. Creates a sometime tag-controlled item.
2. Creates a purchase order (PO) with some quantity of the created item.
3. Confirms the PO.
4. Logs in to the Sterling Mobile application.
5. Navigates to Receive > Purchase Order and enters the PO number in the Order Detail screen.
6. Enters the Location and Item ID.

## Hot Fix 70

Release 9.0-HF70

**Defect ID** 364283

**Case ID** 59629,005,000

**Description** The changeShipment API must permit the user to change the Ship To address of a shipment after it is included in load, if it is the only shipment that has been added to the load.

**Solution:** The application has been enhanced such that the modification of the Ship To address of a shipment will be allowed for loads that contain only a single shipment. If the user attempts to modify the Ship To address for a load that has multiple shipments, the application will throw an error.

**Defect ID** 365531

**Case ID** 65166,005,000

**Description** The system incorrectly confirms the shipments that are associated with a partially manifested load resulting in data inconsistency, when a user performs the following sequence of actions:

1. Configures the `yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment` system property to Y.
2. Enables the package level integration for the carrier service.
3. Creates multiple shipments with the carrier service and packs the shipments in multiple containers.
4. Includes these shipments in a load.
5. Manifests the containers for these load shipments.
6. Closes the manifest.

**Defect ID** 365907

**Case ID** 93282,082,000

**Description** All the inventory organizations are being loaded, when opening the detail view of an enterprise from the Configurator.

**Solution:** The application has been enhanced such that a maximum of 75 inventory organizations will be loaded when opening the detail view of an enterprise in the Configurator.

**Defect ID** 366122

**Case ID** 70266,019,866

**Description** When the count program runs over a long span of time at the location level for the entire warehouse, it does not create the count request for the recently added intermediate locations for counting.

**Solution:** The count system now scans for the recently added locations on every partial release.

**Defect ID** 367265

**Case ID** 21323,999,760

**Description** When a user receives the expected containers through an inbound shipment, the system receives the containers against the incorrect shipment lines.

## Hot Fix 69

Release 9.0-HF69



**Defect ID** 353364  
**Case ID** 24427,379,000  
**Description** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* must be updated with the information about pallet build not allowing mixing of shipments.  
**Solution:** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* is updated with the required information.

**Defect ID** 356322  
**Case ID** 32456,122,000  
**Description** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* must be updated with the information about alert purge.  
**Solution:** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* is updated with the required information.

**Defect ID** 366511  
**Case ID** Internal  
**Description** A security issue is addressed in the application console.  
If a customer has extended any screen in the application console, then they may need to address the issue in their extensions.  
For more details, please contact IBM Support.

**Defect ID** 366517  
**Case ID** Internal  
**Description** A security issue is addressed in the application console.

## Hot Fix 68

Release 9.0-HF68

**Defect ID** 331929  
**Case ID** 74811,499,000  
**Description** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* must be updated with the information about configuring restrictive cookie path on JBoss Application Server which uses Apache Tomcat as webserver.  
**Solution:** The *Sterling Selling and Fulfillment Suite: Documentation Supplement Guide* is updated with the required information.

**Defect ID** 360577  
**Case ID** 58664,005,000

**Description** The Yantra Mobile application allows multiple users to work on the same shipment tasks at the same time, when users are allowed to choose tasks to execute.

**Solution:** The Yantra Mobile application now prevents multiple users from working on the same shipment tasks at the same time, by retaining the auto user constraints for the active user until the user returns to the menu.

## Hot Fix 67

Release 9.0-HF67

**Defect ID** 358117

**Case ID** 57255,005,000

**Description** A performance degradation is observed in the getOrganizationList API, when an organization is associated with huge number of buyers or sellers for an enterprise user.

**Solution:** Logic for fetching the organization list from the DB is changed.

## Hot Fix 66

Release 9.0-HF66

**Defect ID** 358011

**Case ID** 08638,019,866

**Description** A user having 'Thai' language characters in the login ID and password, is not able to log in to the Sterling Application Console, using JBoss application server.

**Defect ID** 337528

**Case ID** 51795,005,000

**Description** If a database view is created on the YFS\_CUSTOMER table, with the where clause containing 'CUSTOMER\_KEY = ROOT\_CUSTOMER\_KEY', then the view does not return any results, due to the mismatch in the datatypes of the two columns, CUSTOMER\_KEY and ROOT\_CUSTOMER\_KEY.

**Solution:** The datatype of the ROOT\_CUSTOMER\_KEY column is changed from varchar(40) to char(24), so that it matches with the CUSTOMER\_KEY column.

## Hot Fix 65

Release 9.0-HF65

**Defect ID** 354334

**Case ID** 33404,379,000

**Description** The changeShipment API puts a lock on the YFS\_INVENTORY\_ITEM table, even when inventory operation is not required.

**Defect ID** 358972  
**Case ID** 58114,005,000  
**Description** The system displays Start Location Criteria screen instead of next count task, when a warehouse user performs the following sequence of actions:  
1. Creates multiple count requests for the item or location.  
2. Releases the count requests resulting in multiple count tasks.  
3. Logs in to Sterling Mobile application.  
4. Selects Count menu.  
5. Scans the Start Location and counts the item and completes one task.

## Hot Fix 64

Release 9.0-HF64

**Defect ID** 281702, 354009  
**Case ID** 50828,004,000  
**Description** The Sterling Selling and Fulfillment Foundation application broadcasts the cache refresh messages for YFS\_Item and YFS\_PriceList\_Line entities, even if cache is disabled. This behaviour results in performance degradation.

## Hot Fix 63

Release 9.0-HF63

**Defect ID** 352099  
**Case ID** 65207,004,000  
**Description** When the yfs.considerUnassignedDemands property is set to Y, the Real-Time Availability Monitor (RTAM) agent publishes an incorrect OnhandAvailableQuantity, if there are unassigned demands in the system.

**Defect ID** 353284  
**Case ID** 08763,019,866  
**Description** If an asynchronous service is configured as reprocessable, an error occurs while running the service using the integration server. The integration server fails to insert a record into the YFS\_REPROCESS\_ERROR table when the length of the value inserted into the database column TXNNAME exceeds 40.  
**Solution:** The length of the database column TXNNAME is increased to 100 in the INTEROP\_ERROR\_DISPATCH and YFS\_REPROCESS\_ERROR tables.

## Hot Fix 62

Release 9.0-HF62

**Defect ID** 335528  
**Case ID** 74811,499,000  
**Description** The YFSRecalculateHeaderTaxUE user exit is not called, when getOrderDetails API is called within the YFSRecalculateLineTaxUE user exit.

**Defect ID** 338658  
**Case ID** 51942,005,000  
**Description** A performance degradation is observed when the searchCatalogIndex API is run. The database query to fetch appropriate pricelist header values from the YPM\_PRICELIST\_HDR table takes long time, if the records volume in the YPM\_PRICELIST\_ASSIGNMENT table is huge.

**Defect ID** 344569  
**Case ID** 53259,005,000  
**Description** The drop-down menu list for carriers displays only 75 carriers in the PRO Number Generation Scheme screen. If there are more than 75 carriers, then the drop-down list does not display them.  
**Solution:** The yfs.config.lookuplimit property can be exposed in the yfs.properties or customer\_overrides.properties. By default the yfs.config.lookuplimit property value is set to 75, the value can be increased to higher value (number of carriers available), for example, if yfs.config.lookuplimit value is set to 300, the drop-down menu list will display upto 300 carriers.

**Defect ID** 349136  
**Case ID** 56369,019,866  
**Description** The system does not ask a user to enter a serial number, when a user performs the following sequence of actions:  

1. Configures task type with "use sterling system for batching" for tasks to be included in a batch.
2. Enables "Captures serial in inbound" only for "Return inbound" for respective ship node.
3. Inbound order is created for a serialized item.
4. Receives the inbound order and batching is done using "Confirm with details".

## Hot Fix 61

Release 9.0-HF61

**Defect ID** 337033  
**Case ID** 60470,004,000  
**Description** In Sterling Call Center and Sterling Store, special characters in Address Line are not displayed properly, when JBoss Application Server is used.

**Defect ID** 341783  
**Case ID** 07380,379,000  
**Description** When a user performs the following sequence of actions, the system throws NullPointerException:  

1. Navigates to the Application > Platform > Presentation > Menu > Menu Hierarchy section.
2. Attempts to copy a menu under Custom menu.

**Defect ID** 342246  
**Case ID** 53562,005,000  
**Description** When a user performs the following sequence of actions, the system must suggest one task for one shipment at a time and also suggest to deposit the inventory when the last task of the shipment is picked:

1. Configures a task type to perform Order Pick and enables "Suggest multiple tasks and allow user to choose".
2. Associates the task type in the Pick Location Assignment configuration.
3. Adjusts the inventory for an item in the location.
4. Creates multiple shipments.
5. Includes the shipments in a wave and releases the wave.
6. Logs in to Sterling Mobile Application and selects Outbound Picking activity.

**Solution:** A new ShowTasksByReference JSP parameter has been exposed. A user can create or copy a resource by adding the ShowTasksByReference JSP parameter to resources. If the parameter is set to Y, then system displays tasks of single shipment or batch or wave at a time to the user and suggest deposit screen automatically when the last task of the reference is picked completely.

**Defect ID** 345084  
**Case ID** 09589,379,000  
**Description** When a user performs the following sequence of actions, the system does not set the Safety Factor Percentage as zero:

1. Navigates to Global Inventory Visibility.
2. Configures Inventory Availability Safety Factor for ONHAND and HELD as zero.

## Hot Fix 60

Release 9.0-HF60

**Defect ID** 329410  
**Case ID** 70319,379,000

**Description** When a user performs the following sequence of actions, the system must perform an additional height check for an item against the container during containerization:

1. Configures an item I1, with dimensions as 2 IN x 3 IN x 4 IN for length, width, and height respectively.
2. Configures item classification using Product Line as item attribute and associates it to Container Category classification purpose.
3. Configures values for Product Line, such as PAINT, TV, and so on.
4. Associates the item created in step 1 to Product Line Category as PAINT.
5. Configure a container C1 with dimensions as 4 IN x 3 IN x 2 IN for length, width, and height respectively.
6. Creates a shipment for the item I1 and includes the shipment in wave.
7. Releases the wave and containerizes it.

**Solution:** A new property, yfs.containerization.perform.height.match.for.classifications is provided to address the requirement.

The user must set classification values of the items for which an additional height check is needed during containerization. For example, in this case property must be set as yfs.containerization.perform.height.match.for.classifications = PAINT.

**Defect ID** 337051  
**Case ID** 07371,019,866  
**Description** When the changeOrder API is called after deleteOrder API within a multi API call, the changeOrder API audits the orderlines deleted by the deleteOrder API.

**Defect ID** 342884  
**Case ID** 53631,005,000  
**Description** When a user performs the following sequence of actions, the system displays "No record found for passed inputs" error message:

1. Creates a serialized item.
2. Adjusts the inventory for the item that is pickable.
3. Creates a shipment group to pick the inventory through Pick Location Assignment.
4. Creates a shipment for 1 orderline and 1 quantity of the item created in step 1.
5. Includes the shipment in a wave, and releases the wave.
6. Attempts to complete the pick task either through the Sterling Mobile Application or Sterling Application Console.

## Hot Fix 59

Release 9.0-HF59

**Defect ID** 336936  
**Case ID** 07668,019,866

**Description** The system does not honor the value of the 'enable.db.check.before.jms.commit' property properly, due to which the order of commit for the following components is incorrect.

- 'JMS Receiver'
- 'Database'
- 'JMS Producer'

**Solution:** When the value of the 'enable.db.check.before.jms.commit' property is set to false or no value is set for this property, the order of commit for the components is as follows:

1. 'JMS receiver'
2. 'Database'
3. 'JMS producer'

If value of the 'enable.db.check.before.jms.commit' property is set to true, the order of commit for the components is as follows:

1. 'JMS receiver'
2. 'JMS producer'
3. 'Database'

**Note:** To set the 'enable.db.check.before.jms.commit' property to true, the user must set yfs.enable.db.check.before.jms.commit to true in the customer\_overrides.properties file.

**Defect ID** 338568

**Case ID** 49917,005,000

**Description** The Dbverify utility is not working properly for ORACLE DB with users other than the user provided during installation.

**Solution:**

- Single User Schema Environment - In case of Single User Schema Environment, the user must update the sandbox.cfg with the new user name (ORA\_USER) and password (ORA\_PASS) and run the setup files script.
- Multi User Schema Environment - In case of Multi User Schema Environment, for 'METADATA schema, the user must update the user name and password at two locations as follows:
  1. Update the sandbox.cfg with the new user name (ORA\_USER) and password (ORA\_PASS) and run the setup files script.
  2. Log in to System Management Administration application and change the user name and password under 'Management Pool' section for 'Metadata' schema.

For other schemas, such as, Transaction, Configuration, and Statistics, the user can change username and password under 'Management Pool' section for each schema.

For more information about sandbox.cfg, refer the .

## Hot Fix 58

Release 9.0-HF58

**Defect ID** 328918

**Case ID** 54889,122,000

**Description** When there are multiple sourcing sequences defined for an enterprise, an order having multiple order lines with tag-controlled item gets backordered, even if a valid inventory is available.

**Defect ID** 330935

**Case ID** 45618,499,000

**Description** A user is not able to skip the promotion award validation.

**Solution:** The application has been enhanced. A new ValidatePromotionAward flag has been included in the input xml of the createOrder API and output xml of the YFSOrderRepricingUE user exit. By default, the value of this flag is set to "Y". If a user wants to skip the promotion award validation, set the value to "N".

**Defect ID** 332207

**Case ID** 51386,005,000

**Description** A performance degradation is observed on calling the getCustomerDetails API with InheritFromParents="Y" to fetch customer records. An unnecessary SQL query is fired if getCustomerDetails API is called with InheritFromParents="Y" for customer Child2 with the following configuration:

1. Creates a customer ParentOrg without any default Bill To, Ship To, or Sold To addresses.
2. Creates a customer Child1 with ParentOrg as the parent, and without any default Bill To, Ship To, or Sold To addresses.
3. Creates a customer Child2 with Child1 as parent, and without any default Bill To, Ship To, or Sold To addresses.

**Solution:** This issue has been addressed such that the unnecessary SQL query is not fired when the getCustomerDetails API is called with InheritFromParents="Y".

Additionally, a new property, yfs.customer.details.use.hierarchical.query has been exposed in the yfs.properties\_ysc\_ext.in to improve the performance of the getCustomerDetails API. Set the value of the yfs.customer.details.use.hierarchical.query property to "Y" to leverage the hierarchical query functionality provided in the Oracle database by fetching only the relevant customer records. By default, the value is set to "N".

**Defect ID** 336786

**Case ID** 52216,005,000



**Description** When a user performs the following sequence of actions, the Deposit screen is not displayed:

1. Creates a task type with "Suggest multiple tasks and allow user to choose" option selected.
2. Associates the created task type in Pick Location Assignment configuration.
3. Creates inventory for 2 SKUs from 2 different locations.
4. Creates a shipment with multiple shipment lines.
5. Includes the shipment in a wave and releases the wave.
6. Logs in to the Mobile Application to perform the Outbound Pick activity.
7. From the User Task List screen, picks the first task that is suggested.
8. When the second task is suggested, clicks the "Deposit" button.

## Hot Fix 57

Release 9.0-HF57

**Defect ID** 290383

**Case ID** 00371418

**Description** When a user performs the following sequence of actions, in the View Holds pop-up window of the Order Details screen, RESOLVE and REJECT options are displayed twice.

1. Logs in to the Applications Manager.
2. Creates a user.
3. Creates two user groups.
4. Subscribes the user to both the user groups.
5. Creates an order hold that can be resolved by both the user groups.
6. Logs in to the Application Console with the newly created user credentials and places an order on hold.

**Defect ID** 302307

**Case ID** 89886, 999,000

**Description** When a user performs the following sequence of actions, the task type is determined by the inventory stored in LPN instead of UOM:

1. Creates Order Picking rules for Case and Each.
2. Configures the Replenishment Strategy.
3. Configures an alternate UOM for Case.
4. Adjust inventory in Case for quantity more than the configured alternate UOM quantity.
5. Creates a shipment.
6. Assigns a lane and releases the wave.

**Solution:** A new `yfs.releaseWave.allocation.based.on.alternateUOM` property has been exposed, and the default value of this property is set to N. The user must set the value of this property to Y, so that the task type is determined by the configured alternate UOM.

**Defect ID** 319991

**Case ID** Internal

**Description** A new jar signature must be added to the Sterling Selling and Fulfillment Foundation 9.0, as the validity of the jar signature expires on June 03, 2012.

**Solution:** A new jar signature has been added to Sterling Selling and Fulfillment Foundation 9.0 with validity till May 08 05:29:59 IST, 2015.

**Defect ID** 320324

**Case ID** 48427,005,000

**Description** When multiple users access the application simultaneously, a performance degradation is observed while fetching data from cached database tables for the first time.

**Solution:** Optimization has been done to allow multiple users to simultaneously fetch data from the database cache. A new property "cacheManager.forcesyncloading" has been introduced, and the default value of this property is set to true. To enable this optimization, set the value of this property to false.

To set this property in customer\_overrides.properties, perform the following tasks:

- For WAR/EAR, prefix the value of this property with 'vendor', which is set during the startup of the application server. For example, if the vendor property is set as 'weblogic', it is set as "weblogic.cacheManager.forcesyncloading=false"
- For Agents/Integration servers, prefix the value of this property with 'shell' so that it is set as "shell.cacheManager.forcesyncloading=false"

**Defect ID** 327802

**Case ID** 59597,499,000

**Description** When a user includes an order in the shipment, in the Order Shipment Items screen and Containers screen the Unit Of Measure and Product Class fields are reversed.

**Defect ID** 328217

**Case ID** 07190,019,866

**Description** When the order purge agent is run, the record gets purged but the details of the YFS\_ORDER\_AUDIT\_DETAIL table does not get logged in the order\_purge\_data.log.Live file.

**Solution:** The issue has been fixed, so that the details of YFS\_ORDER\_AUDIT\_DETAIL is printed in the log file.

**Note:** AUDIT\_XML is a CLOB data. Therefore, the size of the log files is large, if AUDIT\_XML is printed. So, AUDIT\_XML is not printed in the log files, but all the remaining fields are printed in log files.

**Defect ID** 330570

**Case ID** 07418,019,866

**Description** When a user performs the following sequence of actions, the purged order lines that are moved to the history table are not displayed in the Order Details screen.

1. Creates an order.
2. Runs the order purge agent.  
The record moves to the history table.
3. Navigates to the Order Search screen.
4. Clicks History and searches for the newly created order.

**Solution:** The getOrderDetails API has been enhanced to provide template-support for history orders.

## Hot Fix 56

Release 9.0-HF56

**Defect ID** 313265, 327160

**Case ID** 00379801

**Description** The application must be enhanced to support inventory availability safety factor at the Node Item level.

**Solution:** The application has been enhanced.

In the *Catalog Management: Configuration Guide*, under section 4.2.1 "Creating Item Attribute Overrides at the Node Level" after step 7, enter the override values in the Node Override Values For Item Safety Factor column. Similarly, under section 4.2.2 "Modifying Item Attribute Overrides at the Node Level" after step 4, enter the override values in the Node Override Values For Item Safety Factor column.

For attribute definitions refer Table 4-6 "Inventory Info Tab" of section 4.1.2.4, "Defining a Product Item's Inventory Information".

**Defect ID** 323037

**Case ID** 49097,005,000

**Description** The ON\_ASSIGNMENTS\_CHANGE event of the manageCustomerAssignment API is configured to call a service that invokes updateCustomerAssignmentLookup API. When the manageCustomerAssignment API is invoked to manage the customer assignment for a given customer belonging to a large customer hierarchy, performance degradation is experienced for the API.

**Defect ID** 327813

**Case ID** Internal

**Description** Sterling Selling and Fulfillment Foundation 9.0 must be enhanced to enable Sterling Selling and Fulfillment Foundation 9.1 Rich Client Platform to work with Sterling Selling and Fulfillment Foundation 9.0 runtime.  
**Note:** The fix is provided for a specific customer, and will not affect other customers using Sterling Selling and Fulfillment Foundation 9.0.

## Hot Fix 55

Release 9.0-HF55

**Defect ID** 286333  
**Case ID** Internal  
**Description** Running the Real-Time Availability Monitor agent in a multi-threaded environment results in performance degradation.  
**Solution:** A new JVM level cache has been introduced.

**Defect ID** 302557  
**Case ID** 00371318  
**Description** The SQL query fired from the PaymentCollection agent does not use the index defined in the AUTHORIZATION\_EXPIRATION\_DATE column, due to the conversion of AUTHORIZATION\_EXPIRATION\_DATE value from 'DATE' format to 'TIMESTAMP' in Oracle. The index is not used as the column is defined as 'DATE' in the database, but the application sets 'TIMESTAMP' object in the prepared statement while executing the SQL.

**Defect ID** 302657  
**Case ID** Internal  
**Description** On invoking the GetPossibleSchedules API in a multi-threaded environment for a HOT item, each thread takes a long time within the Synchronize Block to process any request, for example, scheduling an order or calling the GetPossibleSchedules API, results in performance degradation.

## Hot Fix 54

Release 9.0-HF54

**Defect ID** 285584  
**Case ID** Internal  
**Description** When a user configures a large set of nodes for Distribution Group and runs the Realtime Availability Monitor Agent (RTAM) at the enterprise level, the performance of RTAM becomes slow.

**Defect ID** 289451  
**Case ID** Internal  
**Description** The scheduleOrder API performance is tuned to look up only to the highest priority Distribution Group, while backordering against the highest priority node.

**Defect ID** 315664  
**Case ID** 00342,999,000

**Description** Performance issues are observed in the Entity Framework, when one of the method of the Entity classes are called.

**Solution:** The Entity Generator has been modified to read the resultset using the newly introduced getListFromRS() method to enhance the performance of the Entity Framework.

**Defect ID** 322114

**Case ID** 62297,379,000

**Description** When a user performs the following sequence of actions, the current date manifest gets closed at Pierbridge side instead of earlier date:

1. Configures UPS carrier to use Pierbridge.
2. Ensures all the servers are in the same time zone.
3. Closes manifest.

## Hot Fix 53

Release 9.0-HF53

**Defect ID** 318708

**Case ID** 02807,082,000

**Description** The Create Wave For Shipment Group agent evaluates shipments against all the shipment groups configured in the system, even though the agent is configured with RedetermineShipmentGroup as 'Y' for a single shipment group.

**Solution:** A new property `yfs.createwave.redetermine.for.selected.shipmentgroup` has been provided. The system evaluates the shipments against the provided shipment group when the `yfs.createwave.redetermine.for.selected.shipmentgroup` property is set to 'Y'.

**Defect ID** 321415

**Case ID** 31634.499.000

**Description** When the "taxableFlag" is returned as 'Y' in the recalculateLineTaxUE user exit, the "TAXABLE\_FLAG" column must be updated to 'Y' in the YFS\_TAX\_BREAKUP table.

**Defect ID** 322411

**Case ID** 62165,227,000

**Description** When a user performs the following sequence of actions, the system performs incorrect containerization:

1. Configures Unit of Measure conversion of gram to kg and kg to gram, meters to centimeters and centimeters to meters.
2. Configures Item Classification to ensure that containers are created based on item quantity through SKUUnitSizeCode based configuration
3. Configures "Containerization is done by the system" and "Upfront during wave release" in Pack Planning.
4. Configures task types to perform system-driven packing while picking.
5. Adjusts inventory for an item.
6. Creates a shipment for the item.
7. Calls the assignLane, releaseWave, and containerizeWave APIs for the shipment.

## Hot Fix 52

Release 9.0-HF52

**Defect ID** 313324  
**Case ID** 90482,999,000  
**Description** In JMS cluster configuration, if the primary server goes down after JMS receiver receives a message, the JMS session becomes invalid. Due to this, the message will remain in the receiving queue and will be processed again.

**Solution:** The application will first commit the JMS receiver session followed by JMS sender session and finally the DB connection. If an exception occurs after committing the JMS receiver session, the message will be marked for reprocessing, so that the message is not lost.

**Defect ID** 317987  
**Case ID** 00035,082,000  
**Description** When a shipment line has segment information, the Release Task agent does not release a task for segmented and tag-controlled inventory.

**Defect ID** 318365  
**Case ID** 40284,004,000  
**Description** When scheduleOrder is run for a HOT Item, which does not have an inventory in any one of the node of the Distribution Group, the system locks the corresponding YFS\_INVENTORY\_ITEM record.

## Hot Fix 51

Release 9.0-HF51

**Defect ID** 316045  
**Case ID** Internal  
**Description** If a hang-off table is created for the YFS\_ORDER\_LINE table, when the getOrderList API is invoked with the 'ReadFromHistory=B|Y' attribute, the getOrderList API throws the "YFS\_ORDER\_LINE"."ORDER\_LINE\_KEY":invalid identifier" error.

<b>Defect ID</b>	317872
<b>Case ID</b>	3753,379,000
<b>Description</b>	The performance of releaseWave API and releaseMoveRequest API becomes slow, when accessing inventory for an item in a zone from the YFS_NODEINVENTORYDTL_VW view.

## Hot Fix 50

Release 9.0-HF50

<b>Defect ID</b>	289495
<b>Case ID</b>	89933,999,000
<b>Description</b>	The UnavailableLines element should be exposed in the output of the getOrderFulfillmentDetails API under Order > OrderLines > OrderLine.

<b>Defect ID</b>	302645
<b>Case ID</b>	Internal
<b>Description</b>	The SQL query to fetch the attribute-specific price list must be optimized.

<b>Defect ID</b>	311746
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user runs the Realtime Availability Monitor Agent (RTAM) in 1 mode (Activity Based Mode) option with considerUnassignedDemands property having value as true, the changes in the inventory due to 'OPEN' orders (no node stamped) is not recorded in the YFS_INVENTORY_ACTIVITY table and the inventory picture is not published.</p> <p><b>Note:</b> If the "considerUnassignedDemands" property is set from the customer overrides, the user must specify yfs.yfs.considerUnassignedDemands=Y in the customer_overrides.properties.</p>

<b>Defect ID</b>	314412
<b>Case ID</b>	89942,999,000
<b>Description</b>	When the MINE_PRODUCTIVITY agent is invoked, the query gets fired for all the items having the task status as Completed are considered and all the organizations present in the database, the size of the query increases and the database displays SQLCODE=-101 error code.

## Hot Fix 49

Release 9.0-HF49

<b>Defect ID</b>	284859
<b>Case ID</b>	00285554

**Description** The *Sterling Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about not being able to compile and test models in an integrated environment.

**Solution:** In the *Sterling Selling and Fulfillment Foundation: Installation Guide* when you refer to the sections "Building the Enterprise Archive (EAR) Package (WebLogic)", "Building the Enterprise Archive (EAR) Package (WebSphere)", and "Building the Enterprise Archive (EAR) Package (JBoss)", read the following note:

**Note:** As only one Struts application is supported in a single EAR deployment, smcfs.ear can contain only one of sfs.war, sbc.war, sma.war or swc.war. In the *Sterling Selling and Fulfillment Foundation: Installation Guide* when you refer to the sections "Creating the EAR (WebLogic)", "Creating Enterprise Archive Files (WebSphere)", and "Creating the EAR (JBoss)", the existing following command ./buildear.sh (.cmd for Windows) -Dappserver=jboss -Dwarfiles=smcfs,sma,sbc -Dearfile=smcfs.ear create-ear must be read as replaced with ./buildear.sh (.cmd for Windows) -Dappserver=weblogic -Dwarfiles=smcfs,sma -Dearfile=smcfs.ear create-ear.

Also, the reference of sbc.war - the Business Center application war file must be removed.

**Defect ID** 304458

**Case ID** 334336

**Description** The *Sterling Selling and Fulfillment Foundation: Extending the Database Guide* and *Sterling Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with the information about the Complex Query that does not work for case insensitive search.

**Solution:** In the *Sterling Selling and Fulfillment Foundation: Extending the Database Guide* when you refer to the section "Enabling Case Insensitive Searches", read the following note:

**Note:** Use of Complex Query in conjunction with the case insensitive search for a column is not supported. For more information about Complex Query, refer to the *Sterling Selling and Fulfillment Foundation: Customizing APIs Guide*.

In the *Sterling Selling and Fulfillment Foundation: Customizing APIs Guide* when you refer to the section "Defining Complex Queries", read the following note:

**Note:** Use of Complex Query in conjunction with case insensitive search for a column is not supported.

However, this can be achieved by using the shadow column in Name Attribute of Exp element of Complex Query. For example, if the shadow column for ORGANIZATION\_CODE in the YFS\_ORGANIZATION table is ORGANIZATION\_CODE\_LC, the getOrganizationList API can be called with the following input to perform case insensitive search for Organization Code whose value is either org1 or org2;

```
<Organization OrganizationCode="org1" OrganizationCodeQryType="LIKE" >
<ComplexQuery Operator="OR">
<Or>
<Exp Name="OrganizationCodeLc" QryType="LIKE" Value="org2"/>
</Or>
</ComplexQuery>
</Organization>
```



**Defect ID** 304583  
**Case ID** 00383744  
**Description** The performance of releaseWave API and releaseMoveRequest API is very slow, when accessing inventory for an item in a zone from the YFS\_NODEINVENTORYDTL\_VW view.

**Defect ID** 310755  
**Case ID** 00384641  
**Description** The system creates multiple In-Progress tasks for Adhoc Move request, when a user scans the outbound container multiple times.

**Defect ID** 311990  
**Case ID** 00362544  
**Description** During containerization, the system splits the shipment line items across multiple containers to minimize the number of containers. Therefore, the small items are distributed across multiple containers and the user have to manually open each container.

## Hot Fix 48

Release 9.0-HF48

**Defect ID** 290681  
**Case ID** 00376117  
**Description** The Order Charge and Tax Summary In Enterprise Currency screen does not display a correct currency symbol.

**Defect ID** 310594  
**Case ID** 390238  
**Description** When a user runs the Realtime Availability Monitor Agent (RTAM). The unassigned demands, which do not have a shipnode stamped on it and the backorder demands are not considered to calculate the available quantity.

**Solution:** The "balanceShortageAcrossNodes" for backorder demands and "considerUnassignedDemands" for unassigned demands properties have been introduced with the default value as False. A user must set the value of this property to True to achieve the expected behavior.

**Note:** For "balanceShortageAcrossNodes" property, the user must specify yfs.yfs.balanceShortageAcrossNodes=Y in the customer\_overrides.properties.

**Note:** For "considerUnassignedDemands" property, the user must specify yfs.yfs.considerUnassignedDemands=Y in the customer\_overrides.properties.

## Hot Fix 47

Release 9.0-HF47

<b>Defect ID</b>	302190
<b>Case ID</b>	00372824
<b>Description</b>	The getTaskList API does not honor the task reference values passed in the input, when invoked to read the task from the history table.
<b>Defect ID</b>	302422
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the ExecuteCountProgram agent does not correctly create count requests for all the Participating nodes and Item Classifications:</p> <ol style="list-style-type: none"> <li>1. Configures an enterprise.</li> <li>2. Creates multiple nodes that participates with the enterprise.</li> <li>3. Configures a corporate count program for Item Classifications to create count at the item level task for the enterprise in all the Participating nodes.</li> <li>4. Adjusts the inventory for items associated with the enterprise in the Participating nodes.</li> <li>5. Runs the ExecuteCountProgram agent.</li> </ol>
<b>Defect ID</b>	302426
<b>Case ID</b>	00381010
<b>Description</b>	<p>The following APIs must be exposed as transactions, and each of the APIs must have an XML document published by the ON_SUCCESS event that contains information about the attributes that are changed by the corresponding APIs.</p> <ul style="list-style-type: none"> <li>• createException</li> <li>• changeException</li> <li>• assignException</li> <li>• resolveException</li> <li>• unAssignException</li> </ul> <p><b>Solution:</b> All the listed APIs are exposed as transactions with an ON_SUCCESS event. The XML document published by the ON_SUCCESS event contains the current value of the Inbox attributes, and the corresponding older values in an Oldvalues element. The Oldvalue element is present under each Inbox element. By comparing the current values with the old values, the changed attributes of the corresponding API can be determined.</p> <p><b>Note:</b> This XML document is controlled by a template.</p>
<b>Defect ID</b>	302463
<b>Case ID</b>	00370795
<b>Description</b>	During the Manual count process, if a user modifies the original value that is entered, the total for alternate unit of measure is incorrect.
<b>Defect ID</b>	302593
<b>Case ID</b>	00386318
<b>Description</b>	When container SKU Capacity Definition is set, the ContainerizeWave creates extra container, if maximum weight that can be placed in a container and item unit weight have different units of measure.

# Hot Fix 46

Release 9.0-HF46

**Defect ID** 256997  
**Case ID** 00367581

**Description** The Support Transaction Dependency flag corresponding to the Custom transaction is greyed out, because of which the Support Transaction Dependency does not work for Custom transactions.

**Defect ID** 257703  
**Case ID** Internal

**Description** When the following conditions are met, the system does not consolidate tasks correctly, during picking through the Sterling Mobile application:

1. Configures a tag-controlled item.
2. Creates multiple LPNs for the item.
3. Creates a shipment with multiple lines for the item.
4. Picks inventory onto case.
5. Includes the shipment in a wave and releases the wave.
6. Picks the inventory by scanning the LPNs during pick.

**Defect ID** 257705  
**Case ID** Internal

**Description** When a user performs the following sequence of actions, the system creates a task with wrong inventory status:

1. Configures a zone Z1 with inventory status transition from N to Q and does not track Case and Pallets.
2. Associates the zone as a staging zone for another zone Z2.
3. Creates a task to move inventory to Z2.
4. Picks inventory onto Case.
5. Overrides the target location from Z2 and deposits the Case in the location of Z1.

The task created from location of Z1 to location of Z2 has task for N instead of Q.

**Defect ID** 257781  
**Case ID** 00373507

**Description** If there are messages present in the JMS receiver queue, then Integration server throws 'AlreadyClosedException' or 'IllegalStateException' exceptions on startup.

**Defect ID** 258547  
**Case ID** Internal

**Description** When a SQL query is executed, if the yfs.app.identifyconnection property is set to 'Y', the system attempts to execute connection tracking operation (for Oracle, DBMS\_APPLICATION\_INFO procedure and for DB2 setDB2ClientApplicationInformation method on connection), and results in performance degradation.

**Solution:** The system will execute connection tracking operation only once for each transaction, instead of doing it for each SQL execution.

**Defect ID** 258563  
**Case ID** Internal

**Description** When the database is restarted, the YFS\_STATISTICS\_DETAIL table does not get updated with the statistics.

<b>Defect ID</b>	258573
<b>Case ID</b>	00376405
<b>Description</b>	<p>When a user performs the following sequence of actions, the system displays an "YFS:Order cannot be modified in current status" error message:</p> <ol style="list-style-type: none"> <li>1. Creates a sales order and associates it with a Delivery service.</li> <li>2. Creates a work order and takes an appointment.</li> <li>3. Schedules the order and releases it.</li> <li>4. Backorders the order.</li> <li>5. Views the detail of the order in the Sterling Call Center and Sterling Store and clicks the "Change Order Address" related task.</li> <li>6. Modifies the address and clicks "Next" button.</li> <li>7. Cancels the order.</li> </ol>

## Hot Fix 45

Release 9.0-HF45

<b>Defect ID</b>	257561
<b>Case ID</b>	00369450
<b>Description</b>	<p>When a user performs the following sequence of actions, the ExecuteCountProgram agent does not correctly create count requests for all the Participating nodes:</p> <ol style="list-style-type: none"> <li>1. Configures an enterprise.</li> <li>2. Creates multiple nodes that participates with the enterprise.</li> <li>3. Configures a corporate count program for item classifications to create count at item level task for the enterprise in all the Participating nodes.</li> <li>4. Adjusts the inventory for items associated to the enterprise in the Participating nodes.</li> <li>5. Runs the ExecuteCountProgram agent.</li> </ol>

<b>Defect ID</b>	258044
<b>Case ID</b>	00363985
<b>Description</b>	<p>When a user performs the following sequence of actions, the Reason Code and Reason Text does not get captured in the OrderAudit element:</p> <ol style="list-style-type: none"> <li>1. Creates an order.</li> <li>2. Schedules the order and releases it.</li> <li>3. Creates a shipment.</li> <li>4. Includes the order in the shipment.</li> <li>5. Invokes multi API, changeOrder API and changeShipment API (with Action="Cancel") to cancel the shipment.</li> <li>6. Passes the Reason Code and Reason Text in the ShipmentStatusAudit element.</li> </ol>

<b>Defect ID</b>	258215
<b>Case ID</b>	00379360
<b>Description</b>	<p>The last Start Location does not get cleared after pressing the F10 key in the Sterling Mobile application during count operation.</p>

## Hot Fix 44

Release 9.0-HF44

<b>Defect ID</b>	252589
<b>Case ID</b>	00345421
<b>Description</b>	When the getItemListForOrdering API is called with a complex query, the customer entitlement-based query times out.
<b>Defect ID</b>	257283
<b>Case ID</b>	00373197
<b>Description</b>	When the Install3rdParty Utility is run with '-uninstall' option, it deletes the jar from the installation directory, but the entry from the dynamic classpath files is not deleted.
<b>Defect ID</b>	255832
<b>Case ID</b>	00361831
<b>Description</b>	<p>In the Sterling Business Center application, while configuring the start and end dates for price list lines, a user must be able to update the time in the Adjust Date Ranges pop-up window.</p> <p><b>Known Issue:</b> In the Internet Explorer browser, if the user selects a value in the time drop-down list and directly clicks 'Save' in the Adjust Date Ranges pop-up window, the selected value sometimes may not get saved.</p> <p><b>Workaround:</b> Before clicking 'Save' in the Adjust Date Ranges pop-up window, the user must click anywhere in the Adjust Date Ranges pop-up window to lose the focus from the time drop-down list, to ensure that the selected value is saved in the time drop-down list.</p>

## Hot Fix 43

Release 9.0-HF43

<b>Defect ID</b>	254815
<b>Case ID</b>	00356597
<b>Description</b>	A user is unable to raise an alert for a transfer order that goes to cancelled status when releasing, as the ON_CANCEL event is not present in the Release Transfer Order transaction.
<b>Defect ID</b>	256806
<b>Case ID</b>	00370110
<b>Description</b>	<p>When the following conditions are met, the system throws an "Cannot deallocate location inventory" exception, during picking through the Sterling Mobile application:</p> <ol style="list-style-type: none"><li>1. Configures a tag-controlled item.</li><li>2. Creates multiple LPNs for the item.</li><li>3. Creates a shipment with multiple lines for the item.</li><li>4. Includes the shipment in a wave and releases the wave.</li><li>5. Picks the inventory by scanning the LPNs during pick.</li></ol>
<b>Defect ID</b>	256983
<b>Case ID</b>	00368364
<b>Description</b>	The createWaveForShipmentGroup agent does not consider the last shipment key to honor the NumberofRecords. Therefore, the get jobs is called for shipments that are in process and results in an infinite loop.
<b>Defect ID</b>	257007

**Case ID** 00371011  
**Description** When the following conditions are met, the system allocates the same inventory to different shipments resulting in a negative net quantity:

1. Configures the Pick Location Assignment to pick inventory from a location.
2. Configures tag-controlled item.
3. Adjusts inventory in the location for the item.
4. Creates a shipment for the item, includes the shipment in a wave, and releases the wave.  
 All the inventory from the location will be allocated to the shipment.
5. Creates another shipment for item, includes the shipment in a wave, and releases the wave.  
 The same inventory is allocated from the location for the second shipment resulting in a negative net quantity from the location.

**Defect ID** 257259  
**Case ID** 00372541  
**Description** When the user performs following sequence of actions, the system creates a task with wrong inventory status:

1. Configures a zone Z1 with inventory status transition from N to Q
2. Associates the zone as a staging zone for another zone Z2.
3. Creates a task to move inventory to the above zone Z2.
4. Overrides the target location from Z2 and deposits the inventory in the location of zone Z1.  
 The task created from location of Z1 to location of Z2 has task for inventory status N instead of Q.

## Hot Fix 42

Release 9.0-HF42

**Defect ID** 250318  
**Case ID** 00331401  
**Description** The getProductivityTypeList API does not return the productivity types for which the associated task has primary equipment type specified.

**Defect ID** 251478, 256185  
**Case ID** 00337784, 00365887  
**Description** In the Application Home page, when a user clicks the Queue link (apart from DEFAULT), an incorrect Alert list page is displayed on the screen.

**Defect ID** 253788  
**Case ID** 00348321

**Description** The multi-level submenus are not working for Sterling Multi-Channel Fulfillment Solution application, when the `sc.console.mode` property is not set or set as none.

**Solution:** When the `sc.console.mode` property is not set or set as none, the multi-level submenu feature has been enabled in the application. A new (`/common/menubar_multilevel.jsp`) jsp capable of rendering the multi-level submenus has been provided. To enable the multi-level submenus, a user must add the following entry to `web.xml`:

```
<context-param>
<param-name>yfc-multilevel-menubar-normal</param-name>
<param-value>/common/menubar_multilevel.jsp</param-value>
</context-param>
```

**Limitation:** The multi-level menu implementation provided in this fix does not work with an embedded applet. For example, High Speed Data Entry screens.

**Defect ID** 255912  
**Case ID** 00362761  
**Description** When a user selects the "By Reference" view in the Task Search screen to view the tasks, the application does not display the tasks that has start date earlier than the current date.

**Defect ID** 256009  
**Case ID** 00361587  
**Description** When a user performs the following sequence of actions, an incorrect authorization amount is created:

1. Creates an order for some amount.
2. Schedules the order and releases it.
3. Authorizes the order after releasing it.  
The order gets backordered.
4. Again schedules the order and releases it.

**Defect ID** 256010  
**Case ID** 00363741  
**Description** If the item short description and long description contains a apostrophe ('), when a user navigates to the Item Details screen and clicks the related task 'Manage Classification Values' hyperlink, the Manage Classifications screen is not displayed.

**Defect ID** 256525  
**Case ID** 00366400  
**Description** When containerization is performed based on SKU Unit Size Constraints, if the container volume checks are incorrect, the `containerizeWave` API does not completely utilize the container capacity.

## Hot Fix 41

Release 9.0-HF41

**Defect ID** 254552  
**Case ID** 00356010

**Description** The context was not getting closed properly during initialization issues, which resulted in context leak in the error logs.

**Defect ID** 255395  
**Case ID** Internal  
**Description** JMS Transaction Roll Back Exception is ignored

**Solution:** A new property 'enable.db.check.before.jms.commit' is exposed in yfs.properties. If this property is enabled and 'testOnReserveQuery' is defined in the 'jdbc.properties', then before committing the jms session associated with the context, the system first checks if the database connection is active and then commits the database connection.

Also, in the *Selling and Fulfillment Foundation: Properties Guide*, in the Property Files Reference section, under yfs.properties > Implementation category the following property must be enabled:

**Property** - enable.db.check.before.jms.commit

**Values** - Valid values = true or false Default = false

**Description** - When the enable.db.check.before.jms.commit property is enabled and 'testOnReserveQuery' is defined in the 'jdbc.properties', the system first checks if the database connection is active and then finally commits the database connection.

**Defect ID** 255887  
**Case ID** 00362854  
**Description** When a user performs the following sequence of actions, the Modification Reason pop-up window is displayed along with the reason codes that belongs to other Document Types and the Enterprise Code:

1. Creates a Modification Reason for different document types and enterprises.
2. Creates a purchase order and transfer order.
3. Navigates to the Order Details screen and clicks Cancel.

**Defect ID** 256066  
**Case ID** 00364860  
**Description** When the JMS Server is restarted, the Integration and Agent servers are not able to reconnect.

## Hot Fix 40

Release 9.0-HF40

**Defect ID** 254039  
**Case ID** 00353581  
**Description** The system does not validate and apply the 'Ship Order Total Coupon' for a confirmed order.

**Solution:** A new radio button 'ships completely or separately' has been added in SBC. If the 'ships completely or separately' option is selected while creating a shipping coupon, the system skips/ignores the validation on MinimizeNumberOfShipments in the validateCoupon and Create/Change Order APIs.

**Defect ID** 255181  
**Case ID** 00358086



**Description** When a user modifies the shipment containerization by removing an item from a shipment line and saves the shipment details, 'Shipment Line element is invalid' error is displayed.

**Defect ID** 255229

**Case ID** 00353581

**Description** In SBC, add a new option 'ships completely or separately' in the 'Ship Order Total Coupon' and 'Ship Order Total Pricing' rule screens.

**Solution:** A new radio button, 'ships completely or separately' has been added in the 'Ship Order Total Coupon' and 'Ship Order Total Pricing' rule screens. This option is selected by default for a new coupon or pricing rule. The value of the attribute 'MinimizeNumberOfShipments' under the element 'PricingRule' is saved as 'I', when this option is selected.

**Defect ID** 255358

**Case ID** 00361021

**Description** The system displays the following error message when a user updates the actual weight of the pack container in the shipment details page:

'Update failed. The record to be updated could either not be found or it was already deleted or updated by another transaction.'

**Defect ID** 255380, 255381

**Case ID** 00358862, 00359422

**Description** For a shipment with multiple containers, a user is unable to confirm a shipment, if the containers are partially manifested and the manifest is closed.

## Hot Fix 39

Release 9.0-HF39

**Defect ID** 252420

**Case ID** 00325755

**Description** JMS Transaction Roll Back Exception is ignored

**Solution:** A new property 'enable.db.check.before.jms.commit' is exposed in yfs.properties. If this property is enabled and 'testOnReserveQuery' is defined in the 'jdbc.properties', then before committing the jms session associated with the context, the system first checks if the database connection is active and then finally commits the database connection.

**Defect ID** 252821

**Case ID** 00346451

**Description** When multiple services running on the same server are configured with the same text translator schema, the File Receiver component combines and sends incorrect output data.

**Defect ID** 253554

**Case ID** 00350887

**Description** The memory utilization of the system increases exponentially when a user performs mobile application activities using VT220 devices.

Note: This issue is not fixed on HP UNIX and HP Itanium platforms.

**Defect ID** 254318

**Case ID** 00324212  
**Description** When the 'Route Shipment' and 'Consolidate To Shipment' transactions are run in parallel, the system removes the carrier information from the shipment intermittently due to concurrency.

**Defect ID** 254605  
**Case ID** 00353463  
**Description** When a user logs into the application using single sign-on and tries to generate jasper reports by invoking the InteropJasperServlet, 'user token validation error' is displayed.

**Defect ID** 254828  
**Case ID** 00355485  
**Description** When the Change Release API is called with the QueryTimeout and SelectMethod= 'WAIT' (with OrderNo) attributes, the system does not honor both values and waits for indefinite time if SQL is fired with 'For UPDATE' clause (when OrderHeaderKey is present). Else, the system fires SQL with 'FOR UPDATE NO WAIT'.  
  
**Solution:**The logic has been enhanced to look for the parameter 'TimeoutLockedUpdates'. The parameter value for 'TimeoutLockedUpdates' must be set to either 'Y' or 'True' , to use the QueryTimeout attribute of the Input XML, for queries with 'FOR UPDATE' clause.

**Defect ID** 254870  
**Case ID** 00335469  
**Description** The Create Wave For Shipment Group agent does not redetermine the shipment group for a shipment if the 'RedetermineShipmentGroup' attribute in the agent criteria is set to 'Y'.

**Defect ID** 254935  
**Case ID** 00356518  
**Description** For an order in 'Released\_Status', when the ON\_SUCCESS event gets raised and the custom class calls getOrderDetails, the system returns the order status as 'Partial\_Status'.

## Hot Fix 38

Release 9.0-HF38

**Defect ID** 245177  
**Case ID** Internal  
**Description** When payment processing is performed in an asynchronous mode and refunds are processed on a paid Sales Order, the system creates an additional CHARGE record in YFS\_CHARGE\_TRANSACTION table.  
  
**Solution:** A new 'ReducePendingAsynchronousAmounts' flag has been added to the input xml of the recordExternalCharges API. The flag must be set as "Y" and valid requestAmount must be passed.

For more information about the recordExternalCharges API, refer the *Selling and Fulfillment Foundation: Javadocs*.

**Defect ID** 253702  
**Case ID** 00351892

**Description** When a user performs the following sequence of actions, the application server stops responding:

1. Configures a putaway preference for an activity without any target zones.
2. Associates an adhoc task type with the putaway preference.
3. Adjusts the inventory in a location and performs adhoc move using the Mobile Application.
4. Adhoc putaway task is created without a target location.
5. Logs out of the Mobile Application but ensures that the adhoc move task is in-progress.
6. Logs in to the Mobile Application again and selects the Putaway activity.
7. Scans any other location in the Start Location field in the Criteria screen.

**Defect ID** 254329

**Case ID** 00354480

**Description** When a Sterling Business Center user sets an End Date to a "price list line" for a given "price list" in the "pricing list summary" screen, and if the system timezone of the user is different from the installation locale timezone, the system displays the End Date incorrectly, after saving.

**Defect ID** 253548

**Case ID** 00348244

**Description** When a user performs the following sequence of actions, apart from the discount adjustment amount, additional charges are created.

1. Creates an order.
2. Schedules, Releases and Creates shipment for the order.
3. Creates shipment invoice and collects the amount through the asynchronous payment method.
4. Provides discount amount for the order.

**Defect ID** 253546

**Case ID** 0035047

**Description** The transactions YCD\_BACKROOM\_PICK and YCD\_PRCSSHPMNT\_BCKRMPCK do not have an ON\_SUCCESS event.

**Defect ID** 254871

**Case ID** 00357009

**Description** The registerTaskInProgress API blanks the target location of the replenishment and retrieval tasks when invoked with input having TargetLocationId attribute with blank value.

## Hot Fix 37

Release 9.0-HF37

**Defect ID** 250589

**Case ID** 00334644

**Description** The PasswordPolicyResult element must be documented in the *Sterling Selling and Fulfillment Foundation: Javadocs*.

**Defect ID** 251685

**Case ID** 00332657

**Description** If a parameterized value is passed to the Reply to Queue attribute, an error message is displayed.

**Defect ID** 252689

**Case ID** 00345514

**Description** When a user performs the following sequence of actions, the system throws an "YFS: Setup for order modification permissions missing" exception:

1. Creates a chained order for the sales order.
2. Moves the purchase order or transfer order to the released status.
3. Calls the splitLine API to split the orderline.

**Defect ID** 252715

**Case ID** 00344988

**Description** The existing additional attributes of an item are deleted , when the item is saved more than once through the Applications Manager for modifications.

**Defect ID** 252772

**Case ID** 00346020

**Description** When a user performs the following sequence of actions, the system displays the "Container already packed' error message when depositing a container through the Mobile Application:

1. Configures the Batch Pick task type to perform pick into container and pack while pick.
2. Configures Pick Location Assignment to perform batch pick and associates with the Batch Pick task type.
3. Configures a container pipeline to ensure that the status of the container is changed after packing.
4. Creates a shipment, includes it in a wave, and releases the wave.
5. Logs in to the Mobile Application to perform the Outbound Pick activity.
6. Picks inventory into a container and deposits the container.

**Defect ID** 253150

**Case ID** 00306143

**Description** The Shipment Picked event is not raised during retrieval short pick scenario.

**Defect ID** 253249

**Case ID** 00349779

**Description** When a user performs the following sequence of actions, the Participant Modeling screen blanks out the Logistic Managements shipment configuration:

1. Navigates to the Application Manager > Logistics Management > Logistics > Shipment Planning for an Enterprise, for example, DEFAULT.
2. In the 'Do not mix in a shipment' panel, selects one or more check boxes, for example, Order # and Save.
3. Navigates to the Application Manager > Application Platform > Participant Modeling > Participant Setup.
4. Searches for the enterprise and opens the Organization Details screen.
5. Clicks Save.
6. Navigates to the 'Shipment Planning' screen for the same enterprise. The check boxes that were earlier selected in the 'Do not mix in a shipment' panel are not selected.

## Hot Fix 36

Release 9.0-HF36

**Defect ID** 251571  
**Case ID** 00323165  
**Description** When a user manually insert records into the YFS\_INVENTORY\_SUPPLY\_TEMP table and calls the syncLoadedInventory API, the temp table is not synchronized with the supply table.

**Solution:** A new InventoryItemKeysStartingWith flag has been introduced. The InventoryItemKeysStartingWith attribute must be used only when InsertInventoryItem attribute is passed as Y.

While manually inserting records into the YFS\_INVENTORY\_SUPPLY\_TEMP table, the user must honour the unique constraints defined on this table. If a blank record cannot be inserted for INVENTORY\_ITEM\_KEY, the user must set the value of the INVENTORY\_ITEM\_KEY, for example, InventoryItemKeysStartingWith + a unique key.

**Defect ID** 251953  
**Case ID** 00340615  
**Description** When a user performs the following sequence of actions, the Modification Reason pop-up window is displayed along with the reason codes that belongs to other Document Types and the Enterprise Code:

1. Creates a Modification Reason for different document types and enterprises.
2. Creates a sales order.
3. Navigates to the Order Details screen and clicks Cancel.

## Hot Fix 35

Release 9.0-HF35

**Defect ID** 249520  
**Case ID** 00328668

<b>Description</b>	<p>The following events associated with the CHANGE_GLOBAL_SERIAL transaction must publish more information of the serial audits:</p> <ul style="list-style-type: none"> <li>• ARRIVED_AT_NODE</li> <li>• LEFT_NODE</li> <li>• ON_CHANGE</li> </ul>
<b>Defect ID</b>	250596
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the route shipment agent does not add the shipment to the correct load:</p> <ol style="list-style-type: none"> <li>1. Configures a routing guide with Carrier Service Code of type LTL and Parcel.</li> <li>2. Creates a shipment S1 and sets the Requested Service Code as Parcel along with the Expected Shipment Date and Requested Shipment Date as Date1 .  <p>Shipment must move to "Awaiting Routing" status, the ROUTE_SHIPMENT.0001 transaction is used to move the shipment status to "Shipment Routed" and the SCAC corresponding to the Carrier Service Code should be stamped and a load must not get created.</p> </li> <li>3. Creates a shipment S2 having Requested Service Code as LTL along with the Expected Shipment Date and Requested Shipment Date as Date1.  <p>The shipment must move to "Awaiting Routing" status, the ROUTE_SHIPMENT.0001 transaction is used to move the shipment status to "Shipment Routed" and SCAC corresponding to the Carrier Service Code should be stamped.</p> </li> <li>4. Creates a load L1 and consolidates both shipments S1 and S2 in this load.</li> <li>5. Creates shipment S3 and sets the Requested Service Code of type LTL along with the Expected Shipment Date and Requested Shipment Date as Date2, where Date2 &gt; Date1.</li> <li>6. Creates a load L2 for the shipment S3.</li> <li>7. Creates shipment S4 and sets the Requested Service Code of type LTL along with the Expected Shipment Date and Requested Shipment Date as Date3, where Date3 &gt; Date2 .  <p>Shipment S4 gets consolidated with load L2 instead of load L3.</p> </li> </ol>
<b>Defect ID</b>	251633
<b>Case ID</b>	00340707

**Description** When a user performs the following sequence of actions, the system throws an "YDM00114:Tag Number mandatory if Item is Tag controlled" error message:

1. Creates a task type with the following summary:
  - Perform task using Activity Order Pick
  - Product is picked onto an inventory case
  - Pack while picking
  - Perform task using mobile device
  - Dispatch tasks as soon as they are generated
  - Use pick sequence for picking
  - Use putaway sequence for putaway
2. Creates an item I1 that is tag-controlled with tag identifier as lot number and tag attribute as batch number.
3. Creates a shipment for 100 quantity of I1.
4. Adjusts the inventory for I1 in a case with tag identifier as T1 and T2 having 50 quantity each.
5. Assigns the lane and releases the wave.
6. Picks the shipment using the Mobile application.

**Defect ID** 252078

**Case ID** 00322470

**Description** When a user performs the following sequence of actions, the system throws a NullPointerException:

1. Creates a count program, Default1
2. Creates a new calendar with the effective period as the current date and the next day (the next day is non working day).
3. Creates two conditions, such as A and B.
4. Runs the Execute Count Program agent.

## Hot Fix 34

Release 9.0-HF34

**Defect ID** 249822

**Case ID** 00328633

**Description** When a user performs the following sequence of actions, the application server stops responding:

1. Configures a putaway preference for an activity without any target zones.
2. Associates an adhoc task type with the putaway preference.
3. Adjusts the inventory in a location and performs adhoc move using the Mobile Application.  
Adhoc putaway task is created without a target location.
4. Logs out of the Mobile Application but ensures that the adhoc move task is in-progress.
5. Logs in to the Mobile Application again and selects the Putaway activity.
6. Scans any other location in the Start Location field in the Criteria screen.

**Defect ID** 250186

**Case ID** 00324818  
**Description** When a user attempts to associate multiple label formats for the same document to print, the system throws an "Record Already Exists In The Database" exception.

**Solution:** The LABEL\_FORMAT\_ID column is included as part of the unique index in the YFS\_LABEL\_PREFERENCE table.

**Defect ID** 250686  
**Case ID** 00333235  
**Description** When a user performs the following sequence of actions, the Receipt Details screen displays an incorrect data:  

1. Configures a time-sensitive item.
2. Creates an inbound shipment for the item.
3. Receives the shipment as loose inventory against multiple expiry dates.
4. Navigates to the Receipt List screen and clicks the View Detail action. The Receipt Detail screen is displayed.

The Receipt Detail screen displays the total quantity received against one expiry date.

## Hot Fix 33

Release 9.0-HF33

**Defect ID** 248773  
**Case ID** 00321740  
**Description** When a user performs the following sequence of actions, consolidation of shipment into a load is not working properly:  

1. Creates a Parcel Shipment (S1) with the requested carrier service code as Ground and runs the Route Shipment agent.
2. Creates a shipment (S2) with the requested carrier service code as LTL Ground and runs the Route Shipment agent.  
Both the shipments are consolidated to Load L1 with shipment mode LTL having same SCAC. However, for S1 the requested carrier service code is still Ground and for S2, LTL Ground.
3. Creates another Parcel shipment (S3) with the requested carrier service as Ground and runs the Route Shipment agent.  
Shipment S3 is consolidated with the existing load L1. The shipment mode for all the shipments S1, S2, and S3 and for load L1 is Parcel instead of LTL.

**Defect ID** 249070  
**Case ID** 00323615  
**Description** When a user performs the following sequence of actions, the Mobile Application throws an invalid "YFS10415: Key Fields cannot be modified" exception instead of "Cannot Override Suggested SKU":  

1. Configures an item I1 with GTIN value for the item as I1.
2. Configures an item I2 with GTIN value for the item as I2.
3. Creates a shipment for I1.
4. Includes the shipment in a wave and releases the wave.
5. Logs in to Mobile Application.
6. Selects the Outbound Pick activity.
7. Scans I2 in the "Pick SKU" screen.



**Defect ID** 249956  
**Case ID** 00329477  
**Description** When a user implements the YDMOverrideDetermineRoutingUE user exit, the determineRouting API returns a null value due to which the routing fails.

## Hot Fix 32

Release 9.0-HF32

**Defect ID** 246303  
**Case ID** 00306108  
**Description** When a user performs the following sequence of actions, the getOrderDetails API does not return HeaderTax/@TaxableFlag:  

1. Creates an order with some line and header tax.
2. Passes the HeaderTax/@TaxableFlag attribute in the output template.
3. Calls the getOrderDetails API.

## Hot Fix 31

Release 9.0-HF31

**Defect ID** 242208  
**Case ID** 00282955  
**Description** When a user performs the following sequence of actions, the containerizeWave API fails to containerize items for system-suggested containers:  

1. Configures a system container C1 with dimensions - Length - 25 IN \* Height - 20 IN \* Width - 15 IN.
2. Configures a system container C2 with dimensions - Length - 27 IN \* Height - 15 IN \* Width - 15 IN.
3. Configures an item I1 with dimensions - Length - 24 IN \* Height - 18 IN \* Width - 10 IN.
4. Configures an item I2 with dimensions - Length - 26 IN \* Height - 14 IN \* Width - 14 IN.
5. Configures pack planning to perform system-suggested containerization on wave release.
6. Configures a task type to pick inventory into the container, pack while pick, and system-suggested containerization.
7. Creates a shipment with 1 unit of item I1 and I2 respectively.
8. Includes the shipment in a wave, releases, and containerizes the wave.

**Defect ID** 247799  
**Case ID** 00284625

**Description** When a user configures attribute values for an item in Sterling Business Center, and if the number of attributes configured for the item is large (for example, if the attributes is more than 70), while loading the "Manage Attribute Values" screen, a pop-up window is displayed prompting the user to stop the script from running, if necessary.

**Solution:** The application has been enhanced such that if the number of attributes is not very large, the application will not display the pop-up window.

Otherwise, the application may display a pop-up window prompting the user to stop the script from running, if necessary. If the user chooses to stop the script, the "Manage Attribute Values" screen will not be properly loaded.

**Defect ID** 248388  
**Case ID** 00318638  
**Description** When a user performs the following sequence of actions, the manifest information is not getting removed from the shipment:

1. Creates multiple shipments in the system.
2. Includes these shipments in a load.
3. Adds a container in one of the shipment.
4. Includes the load to a manifest.
5. Calls the manageLoad API to remove another shipment from the same load.

## Hot Fix 30

Release 9.0-HF30

**Defect ID** 239245  
**Case ID** 00262120  
**Description** For Commercial Invoice with multiple pages, the data must be printed in the order of first to last page sequentially to fill each page with full capacity.

**Solution:** The mapping XMLs of the Commercial Invoice prints must be extended to pass `<RepeatingField LabelFieldName="FillLastPageCompletely" LabelFieldValue="N" />` element as a child element of the `<RepeatingFields>` elements.

**Defect ID** 245313  
**Case ID** 00299446  
**Description** The `getItemListForOrdering` API does not honor customer entitlements when `ItemID` is passed in the complex query for Entitlement Strategy equal to 01 (Item entitlement logic is enforced base on the item entitlement rules assigned to the customer).

**Defect ID** 246428  
**Case ID** 00310922  
**Description** The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the supported version of WebSphere.

**Solution:** The requisite information has been provided in the *Selling and Fulfillment Foundation: Installation Guide*.

**Defect ID** 247027  
**Case ID** 00313761  
**Description** When a user performs the following sequence of actions, the ExecuteCountProgram agent does not create a count request for all the nodes correctly:

1. Configures an enterprise and creates multiple nodes that participates with the enterprise.
2. Configures a corporate count program for the enterprise to count inventory in all the participating nodes.
3. Adjusts the inventory for items associated with the enterprise in these nodes.
4. Runs the ExecuteCountProgram agent.

**Defect ID** 247895  
**Case ID** Internal  
**Description** During containerization, when a user performs the following sequence of actions, the system picks up a container belonging to another enterprise:

1. Configures an item and item classification for the containerization purpose.
2. Configures a third-party logistics node that participates with multiple enterprises.
3. Configures a task type to perform the system-suggested containerization for the node.
4. Configures Pick Location Assignment to perform the system suggested containerization for the node.
5. Configures pack planning for a node to containerization during wave release.
6. Configures containers for enterprises participating with the node.
7. Creates outbound shipment to be shipped for an enterprise.
8. Includes the shipment in a wave and releases it.
9. Containerizes the wave.

**Defect ID** 247901  
**Case ID** 00294752  
**Description** The ITEM\_HAZMAT\_REFERENCE field must be added to the YFS\_HAZMAT\_COMPLIANCE table to enable Sterling Warehouse Management System to ship certain hazardous items.  
**Note:** A user must associate the Hazmat Class of an item to Sort Order or Item Hazmat Reference field in the YFS\_HAZMAT\_COMPLIANCE entity.

**Defect ID** 247940  
**Case ID** 00316549

**Description** When a user performs the following sequence of actions, the system displays "YFS: Setup for order modification permissions missing" exception:

1. Creates a return order and authorizes it.
2. Schedules the order and releases it.
3. Calls the changeRelease API to add a line to the return order.

**Solution:** The application has been enhanced with a new status modification rule for return order. To access the modification rule, navigate to the Sterling Configurator > Reverse logistics > Document Specific > Return Order > Fulfillment > Order Modification > Modification Rules > (modification\_type=gift flag modification).

**Defect ID** 247976  
**Case ID** Internal  
**Description** The following issues that are encountered in Sterling Business Center must be addressed:

- In the "Customer Entitlement" screen, when a user clicks 'Save', the specific customer assignments that are not present on the screen are lost.
- When a user navigates to the "Price List Summary" screen from the "Price List Search" screen, assigns a specific customer to the price list, clicks the "Back To Price List Search" hyperlink the "Unsaved Changes" pop-up window is not displayed. The issue also exists in the Pricing Rule, Manual Pricing Rule, and Coupon screens.

**Defect ID** 248266  
**Case ID** Internal  
**Description** The manageHazmatCompliance API does not allow deletion of hazmat compliance record from the YFS\_HAZMAT\_COMPLIANCE table.

## Hot Fix 29

**Defect ID** 246326  
**Case ID** 00308307  
**Description** When a user installs hot fix 25, the icons are not visible on the "System Management Console" screen, because the jar file which contained the icons was missing.

**Solution:** The jar file containing the icons is restored.

## Hot Fix 28

**Defect ID** 235817  
**Case ID** 00241150

Release 9.0-HF28

**Description** When a user performs the following sequence of actions, the system does not suggest any location (loc1):

1. Configures a pick -fencing with both dedicated and non-dedicated locations in the same Zone as the Pick Location Assignment.
2. Configures a replenishment strategy.
3. Configure a dedicated location in the Forward Pick Zone.
4. Adjusts the inventory in the Bulk Location for some units.
5. Creates a shipment.
6. Includes the shipment in a wave and releases the wave.

If the dedicated location is full, the system must allocate the inventory in the non-dedicated location nearer to the dedicated location based on aisle or bay or logic.

**Solution:** A new property 'yfs.suggest.putaway.nearDedicatedLocation' has been exposed, and this property must be set to 'Y'.

**Defect ID** 245245  
**Case ID** 00294752  
**Description** The YFS\_HAZMAT\_COMPLIANCE table must be modified as follow to support shipping of specific hazardous items through the Sterling Warehouse Management System:

- The SORT\_ORDER column must be changed from INTEGER (6) to VARCHAR(40)
- The TECHNICAL\_NAME and SUB\_RISK\_CLASS columns must be added to the table.

**Defect ID** 245279  
**Case ID** 00282299  
**Description** The addContainerToManifest API must have a mechanism to modify the input through customization.

**Solution:** The YDMBeforeAddContainerToManifestUE user exit is provided in the addContainerToManifest API.

A user can implement the YDMBeforeAddContainerToManifestUE user exit to override attributes like ManifestDate to add container to a future date.  
**Note:** If a user wants to add a container to a future date through the Pierbridge, then the user must have Pierbridge 6.5.102 or above version.

**Defect ID** 245589  
**Case ID** 00295902  
**Description** When a user performs the following sequence of actions, the system raises ON\_SUPPLY\_CHANGE event, even though supply type is not changed for the item:

1. Configures ON\_SUPPLY\_CHANGE event for INVENTORY\_CHANGE transaction.
2. Configures two inventory statuses, such as OH and AV, associated to same supply type ONHAND.
3. Configures tag controlled and time-sensitive item.
4. Adjusts the inventory for the configured time-sensitive item in a location with inventory status as OH.
5. Changes the inventory status from OH to AV.

**Defect ID** 245921  
**Case ID** 00275821  
**Description** A performance fix for building the Incremental Catalog Index must be made to identify the eligible catalog items based on the pricelist or their assignment changes.  
**Solution:** The database view has been updated.  
**Note:** Please refer the Hot\_Fix\_Installation.txt file for implementing the same.

**Defect ID** 246206  
**Case ID** 00287221  
**Description** The application must be enhanced to enable the tax options for the consumer customers.  
**Solution:** In the Order Entry Rules Configuration of the 'Channel Applications Manager' the "Tax Options" screen has been enhanced to configure Tax Options for consumer customer also.

**Defect ID** 246298  
**Case ID** 00309048  
**Description** If an LPN containing a serial-tracked inventory is counted in different location as a misplaced LPN and a user tries to accept variance for the LPN by providing reason code associated to virtual bin location, the system throws an "Serial not in location or Case/Pallet" exception.

**Defect ID** 246353  
**Case ID** 00300375  
**Description** When a user performs the following sequence of actions, the unit price of the gift card to be refunded amounts to zero instead of 40 dollars. Due to which the parent sales order again gives a transfer out to the Refund Fulfillment Order (RFO) which is similar to the earlier transfer out:  

1. Creates a new item, Gift\_Card without any product class, and adjusts the inventory.
2. Chooses "Create Refund Fulfillment Order Using" option and selects Gift\_Card as the Item ID in the Refund panel of Payment Type Details screen for the "Stored Value Card" Payment Type entity.
3. Creates an order with 5 units in each order line and unit cost equals to 20 dollars each. Applies the gift card (Stored Value Card) as the payment mode.
4. Ships the order and creates an invoice for the order.
5. Creates a return for 2 units.
6. Performs the return invoice creation.
7. Calls the processOrderPayments API for the sales order on which a transfer-out happens.
8. Ships and invoices the refund fulfillment order.
9. Calls the processOrderPayments API for the RFO on which a transfer-in happens.
10. Runs the PAYMENT\_COLLECTION agent.

**Defect ID** 246418  
**Case ID** 00312052

**Description** When a user performs the following sequence of actions, a pop-up window displays the "No open shipment (s) to pack" message:

1. Logs in to the Selling and Fulfillment Foundation application.
2. Navigates to the "Shipment Details" screen.
3. Clicks "Pack Container".
4. In the "Pack Details" screen, selects pack station.
5. Clicks a new case.
6. Packs the shipment.
7. Clicks "Close Container", to move the container to packed status. A pop-up window displays "packing complete for shipment" message.
8. Clicks "OK".

**Defect ID** 246418

**Case ID** 00241150

**Description** The *Selling and Fulfillment Foundation: Properties Guide* must be updated with the information about the new property `yfs.suggest.putaway.nearDedicatedLocation`.

**Solution:** The requisite information has been provided in Section "yfs.properties" of the *Selling and Fulfillment Foundation: Properties Guide*.

## Hot Fix 27

Release 9.0-HF27

**Defect ID** 244892

**Case ID** 00296544

**Description** When a user performs the following sequence of actions, the system throws `NullPointerException`:

1. Launches the Sterling Configurator.
2. Creates more than 75 task types and teams.
3. Navigates to Warehouse Management > Task Management > User Skills. The "User Skills" screen is displayed.
4. Selects a Team from the drop-down list. The "User Task Types" screen is displayed.
5. Selects the "Task Type" field.

A text field is displayed instead of the drop-down list. When the user enters a value and clicks "Save", the system throws `NullPointerException`.

**Defect ID** 245316

**Case ID** 00300223

**Description** If there is large number of customers, the system takes more time to retrieve the child customer.

**Defect ID** 245829

**Case ID** 00306501

**Description** Some of the numeric weight fields do not consider decimal digits.

**Defect ID** 246065

**Case ID** 00307965

<b>Description</b>	<p>When a user performs the following sequence of actions, the system does not suggest any location (loc1):</p> <ol style="list-style-type: none"> <li>1. Configures 2 items, item1 and item 2 dedicated to loc1.</li> <li>2. Configures putaway strategy to go to Zone1 (loc1) as the first preference and Bulk Zone as the second.</li> <li>3. Launches the Sterling Configurator.</li> <li>4. Navigates to Catalog Management &gt; Create Classification Definition.</li> <li>5. Creates a classification ID as 'Commodity Code'.</li> <li>6. Navigates to the Classification Purposes and assigns the capacity to commodity code.</li> <li>7. Creates 2 commodity code, comm1, comm2.</li> <li>8. Assigns item1 to comm1 and item2 to comm2.</li> <li>9. Navigates to the "Location Size Code" screen and creates Capacity Constraint with item classification and the Number of Packages as 12.</li> <li>10. Adds both the items, item1 and item 2 in the Capacity Constraint field and enters the quantity as 12.</li> <li>11. Adjusts 2 quantities of Item I1 in loc1 and calls the getPutawayLocations API.</li> </ol>
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## Hot Fix 26

Release 9.0-HF26

<b>Defect ID</b>	242815
<b>Case ID</b>	00287324
<b>Description</b>	<p>The references provided to the custom tables must be removed from the <i>Selling and Fulfillment Foundation: Extending the Database Guide</i>.</p> <p><b>Solution:</b> The requisite information has been updated in Section "Purging Data from Hang-Off Tables" of the <i>Selling and Fulfillment Foundation: Extending the Database Guide</i>.</p>
<b>Defect ID</b>	244378
<b>Case ID</b>	00295247
<b>Description</b>	<p>During inventory inquiry when a user scans an item that is shared across multiple catalogs through the Sterling Mobile application and if a node has single enterprise or catalog participating with it, the system must not provide an option for the user to select that single enterprise associated with the item.</p>
<b>Defect ID</b>	244621
<b>Case ID</b>	00290636
<b>Description</b>	<p>If the server is down or the URL is incorrect, if a user attempts to again login to the JMS Failover or TIBCO, the application does not launch.</p>
<b>Defect ID</b>	245242
<b>Case ID</b>	00296479
<b>Description</b>	<p>When a user attempts to create a count request through the Sterling Application Console by providing invalid information such as location, zone, item information, and so on, the system throws an embedded "Invalid Date Format" exception instead of a valid and meaningful error message.</p>



**Defect ID** 245353  
**Case ID** 00303895  
**Description** The UpdateCustomerAssignmentLookup API throws an exception while populating the records for more than 1000 customers.

## Hot Fix 25

Release 9.0-HF25

**Defect ID** 242567  
**Case ID** 00260159  
**Description** In the Sterling Business Center, the Specific Customer Assignments panel must support pagination for the following screens:

- Customer Entitlement
- Price List Summary
- Pricing Rule Summary
- Coupon Summary
- Manual Pricing Rule Summary

**Defect ID** 238556  
**Case ID** 00245645  
**Description** While deploying customizations in swing interface, yfsextn.jar and jarlist.txt were not copied from the <INSTALL\_DIR>\extensions\global\webpages\yfscommon when building WAR/EAR.

**Defect ID** 239221  
**Case ID** 00257299  
**Description** Some of the container-level manifest screens are not displaying accurate data.

**Defect ID** 241402  
**Case ID** 00273351  
**Description** The *Selling and Fulfillment Foundation: Application Platform Configuration Guide* must be updated with the information about parameters that must be passed while making an HTTP call to InteropJasperServlet.

**Solution:** The requisite information has been provided in Section “Jasper Printer Component” of the *Selling and Fulfillment Foundation: Application Platform Configuration Guide*.

**Defect ID** 244334  
**Case ID** Internal  
**Description** A user is not able to add Java Message Service (JMS) Security Parameters to a service at the DEFAULT level.

**Defect ID** 244469  
**Case ID** 00289809

**Description** If the JMS provider has different setting for the Linux environment variable 'LANG', the one on which the JMS Receiver component is running, the special character of some languages are corrupted in the JMS message.

**Solution:** A new 'jms.message.encoding' property has been exposed in the yfs.properties. The default value of this property is UTF-8. A user can override this property in the customer\_overrides to define a different encoding.

**Defect ID** 244497  
**Case ID** 00290719  
**Description** The extended API security templates are not getting picked from the extensions global directory.

**Defect ID** 244645  
**Case ID** 00294596  
**Description** When a region is configured to be used for Sterling Business Intelligence in the Application Manager, and a user creates orders with multiple threads using an agent server, then while inserting a record in the yfs\_region\_best\_match table, 'Record already exists' exception is thrown.

**Defect ID** 244746  
**Case ID** 00245645  
**Description** The *Selling and Fulfillment Foundation: Customizing the Swing Interface Guide* must be updated with the information about extending “Detail” screen in the configurator.

**Solution:** The requisite information has been provided in Section “Extending Search and Detail Screens in the Applications Manager” of the *Selling and Fulfillment Foundation: Customizing the Swing Interface Guide*.

## Hot Fix 24

Release 9.0-HF24

**Defect ID** 232113  
**Case ID** 00228552  
**Description** The *Selling and Fulfillment Foundation: Performance Management Guide* and *Selling and Fulfillment Foundation: Properties Guide* must be updated with the information about controlling the logging levels.

**Solution:** The requisite information has been provided in Section “Logging Level” of the *Selling and Fulfillment Foundation: Performance Management Guide* and “Logging Configuration” topic of the *Selling and Fulfillment Foundation: Properties Guide*.

**Defect ID** 241340  
**Case ID** 00250249

**Description** When a user performs the following sequence of actions, the getOrderReleaseDetails API throws an "YFS10537:Invalid Charge Category" error message:

1. Creates an order with a line tax that is associated with charge name.
2. Schedules the order and releases it.
3. Calls the getOrderReleaseDetails API with the template, that has the LinePackListPriceInfo element.

**Solution:** The LineCharges and LineTaxes elements are added in the output template of the getOrderReleaseDetails API. For more information about the getOrderReleaseDetails API, refer the *Selling and Fulfillment Foundation:javadoc*.

**Defect ID** 243352  
**Case ID** 00288573

**Description** When a user performs the following sequence of actions, the 'Report/Record Receipt' radio button is not activated:

1. Creates a return order and selects the 'Return to Node' option.
2. Navigates to the "Return Details" screen.

The 'Report/Record Receipt' radio button is not activated on selecting the 'Return To Node' option.

**Defect ID** 244143  
**Case ID** 00235982

**Description** The changeLocationInventoryAttributes API must provide the ability to change the Secondary Serial information for a serial-tracked item.

## Hot Fix 23

Release 9.0-HF23

**Defect ID** 242256  
**Case ID** 00283411

**Description** When a user creates a shipment, adds the shipment to a load and runs the Route Shipment agent, the following issues are observed:

- Routing logic is run twice on the same shipment.
- While filtering the load based on the item attributes, it filters only 4 loads from the load lists.

But, the entire logic to query on YFS\_Item, YFS\_Shipment, YFS\_Shipment\_Line, and YFS\_Load\_Shipment runs for each load.

**Defect ID** 242368  
**Case ID** 00284636

**Description** For the following scenario when the searchCatalogIndex API is called with '/MatrixRefMasterCatalog/PC/C1' category path, the facet list tag is empty:

- A category called PC is created with no items assigned to it.
- A subcategory of PC called C1 is created with no items assigned to it.
- A subcategory of C1 called C2 is created with one item I1 assigned to it.
- An AttributeGroup called AG is created with a attribute called A1 declared in it. The values permissible with this attribute are AV1 and AV2.
- The A1 attribute is assigned to PC category and inherited by C1 as well as C2.
- The I1 item is assigned value AV1 for attribute A1.

**Defect ID** 242826  
**Case ID** 00285090

**Description** If a service is configured to process 'reply to queue' the custom JMS properties in the message are not copied into the 'Reply To Queue' message.

**Solution:** A new 'Copy Header Properties To Reply Queue' check box has been introduced for copying the header properties of the JMS message into the 'Reply to queue', if the 'Process Reply to Queue' attribute is enabled.

**Defect ID** 242842  
**Case ID** 00286097

**Description** If single sign-on is enabled, the custom error messages are not displayed on the login screen.

**Solution:** A user must set the 'YFS\_SSO\_ERROR\_MESSAGE' attribute on the HttpServletRequest object passed to the customer's single sign-on manager implementation class with the value of the custom error message. Whenever an error occurs, the custom error message will be displayed on the login screen.

**Defect ID** 243015  
**Case ID** 00287029

**Description** When a user calls the getItemAssociation() API with an invalid item or UOM, it displays an incorrect output.

**Defect ID** 243098, 236426  
**Case ID** 00288497, 00251167

**Description** When a user performs the following sequence of actions, the system blanks out the stamped SCAC information:

1. Configures routing and sets Carrier Service Code as "Ground".
2. Calls the consolidateToshipment API for a order release with CarrierServiceCode="Ground".
3. Runs the Route Shipment and Sent to Node agents.  
The shipment goes to 'Sent to Node' status.
4. Runs the consolidatetoShipment API for different order releases with CarrierServiceCode="Ground", so that it is consolidated with the existing shipment.

**Defect ID** 243144

**Case ID** 00288972  
**Description** When a service containing the 'JMS sender or receiver', is created for an enterprise other than DEFAULT, the user is not able to add JMS security parameters for the JMS component as the 'add' button is disabled.

**Solution:** A user can now add JMS Security parameters for a JMS component for an enterprise.

**Defect ID** 243301  
**Case ID** 00289637  
**Description** When a user performs the following sequence of actions, the system displays a "Serial" scan pop-up window:  
1. Creates a Transfer Order shipment for serialized item with 'Exclude serial capture for transfers' flag checked.  
2. Packs the Transfer Order shipment.  
3. Scans the SKU in the products panel of the "Pack Details" screen.

**Defect ID** 243379  
**Case ID** 00291496  
**Description** When an organization has more than 75 teams, then the "User Skills Config" screen for that organization becomes non-configurable.

**Defect ID** 234761  
**Case ID** 00237358  
**Description** The *Selling and Fulfillment Foundation: Customizing the Swing Interface Guide* must be updated with the information about scfoundationuisrc.jar, smcfsuisrc.jar, and yifui.jar.

**Solution:** The requisite information has been provided in the *Selling and Fulfillment Foundation: Customizing the Swing Interface Guide*.

## Hot Fix 22

Release 9.0-HF22

**Defect ID** 242012  
**Case ID** 00281727  
**Description** When a user performs the following sequence of actions, the system performance becomes slow:  
1. Configures a zone with mix SKU only for the license plated inventory.  
2. Configures the zone in putaway preferences.  
3. Adjusts the inventory for an item in a location.  
4. .Performs adhoc move of the inventory from the location to the above zone.

**Defect ID** 242227  
**Case ID** 00280056  
**Description** When a count request created for an item without Unit of Measure in a location is executed through the Sterling Mobile application, the system does not display the data correctly in the "Count Confirmation" screen for location having variance.

**Defect ID** 242230

<b>Case ID</b>	00282445
<b>Description</b>	<p>The manageItem API creates duplicate records in the YFS_ADDITIONAL_ATTRIBUTE table.</p> <p><b>Solution:</b> The 'AttributeDomainID' and 'AttributeGroupID' attributes are stamped as 'ItemAttribute' and 'ItemReferenceGroup' respectively for all inserted, updated or deleted operations in the manageItem API. A yfs.manageItem.EnableUpdateOfAdditionalAttribute new property has been introduced in the yfs.properties_ysc_ext. If the yfs.manageItem.EnableUpdateOfAdditionalAttribute property is set to 'Y', the behavior of the manageItem API will be similar to modifyItem API. This means that the yfs.manageItem.EnableUpdateOfAdditionalAttribute is set to 'Y', the additional attributes will be updated and a new record will not be created. By default, the value of the property will be 'N'.</p> <p>If the value of the 'AttributeDomainID' and 'AttributeGroupID' attributes are passed as blank, the manageItem API throws an error.</p>
<b>Defect ID</b>	232299
<b>Case ID</b>	00231543
<b>Description</b>	When an item shared across the multiple catalogs is scanned during Inventory Inquiry through the Sterling Mobile application, the system must provide an option for a user to select an enterprise associated to the item.
<b>Defect ID</b>	241875
<b>Case ID</b>	00280534
<b>Description</b>	<p>When a user performs the following sequence of actions, the system picks the default template:</p> <ol style="list-style-type: none"> <li>1. Creates a sales order.</li> <li>2. Enables the ON_SUCCESS event.</li> <li>3. Copies the ORDER_CREATE.ON_SUCCESS.xml template under &lt;install_dir&gt;/extensions/global/template/event.</li> <li>4. Invokes the createorder API for a sales order.</li> </ol> <p>The default template &lt;install_dir&gt;/repository/xapi/template/merged/event/ORDER_CREATE.ON_SUCCESS.xml gets picked.</p>
<b>Defect ID</b>	242967
<b>Case ID</b>	Internal
<b>Description</b>	<p>In a non-english locale, the following screens might throw a script error while displaying the alerts:</p> <ul style="list-style-type: none"> <li>• Confirm Batch</li> <li>• Count Detail</li> <li>• Count List</li> <li>• Create Wave</li> <li>• Wave Detail</li> <li>• Manifest Station</li> <li>• Pack Station</li> <li>• Resource Planning Capacity List</li> <li>• Select Node</li> <li>• Move Request Detail</li> <li>• Move Request List</li> <li>• Zone List in Count Detail</li> </ul>

## Hot Fix 21

Release 9.0-HF28

<b>Defect ID</b>	239077
<b>Case ID</b>	00252138
<b>Description</b>	The application must provide the capability to specify the distance criteria while configuring the Product Sourcing rules and to filter out nodes based on the distance criteria.  <b>Solution:</b> The application has been enhanced. A new panel has been provided in the Shipping Sourcing Rule to enable distance configuration which will be used for filtering nodes. Also, a new YFSGetDistanceForNodeListUE user exit has been introduced. The distance passed in the output of the YFSGetDistanceForNodeListUE user exit will be used to filter out the nodes.
<b>Defect ID</b>	241135
<b>Case ID</b>	00277410
<b>Description</b>	The Close Manifest agent calls the confirm shipment API for Partially Packed and Manifested shipments.  <b>Solution:</b> The application has been enhanced. The Close Manifest agent will now check if all the containers are packed for a shipment before calling the confirm Shipment API.
<b>Defect ID</b>	241199
<b>Case ID</b>	00278225
<b>Description</b>	The system takes a long time to close an empty manifest.
<b>Defect ID</b>	241203
<b>Case ID</b>	00277751
<b>Description</b>	The system must not reopen the Closed Manifest on the server side.  <b>Solution:</b> The application has been enhanced. A user must set the "ycs.manifest.reopenmanifest" property " to 'N'.
<b>Defect ID</b>	241328, 241329 241330
<b>Case ID</b>	00278927, 00278928, 00278929
<b>Description</b>	The system must provide the ability to add containers to a previous day's manifest by passing the appropriate ship date, if it is still open. For example, a user must be able to add containers on Saturday to a Friday's manifest or Sunday to a Saturday's manifest by passing the Friday's ship date or Monday's ship date appropriately.
<b>Defect ID</b>	241332
<b>Case ID</b>	Internal
<b>Description</b>	The system must enable Pierbridge to generate a tracking numbers for a previous date and a future date containers.
<b>Defect ID</b>	241340
<b>Case ID</b>	00250249

<b>Description</b>	When a user performs the following sequence of actions, the system throws an "YFS10537:Invalid Charge Category" error: <ol style="list-style-type: none"> <li>1. Creates an order with a line tax and charge name.</li> <li>2. Schedules the order and releases it.</li> <li>3. Calls the getOrderReleaseDetails API with specific template that has LinePackListPriceInfo element.</li> </ol>
<b>Defect ID</b>	241416
<b>Case ID</b>	Internal
<b>Description</b>	The system must throw an error if a container is being added to a manifest that is in the "1200 (Closure Requested)" status.
<b>Defect ID</b>	241417
<b>Case ID</b>	Internal
<b>Description</b>	The system must throw an error when a container is added to a closed manifest.
<b>Defect ID</b>	241418
<b>Case ID</b>	Internal
<b>Description</b>	When a user fires a query multiple times the system takes a lot of time to create a wave, performance of Create Wave is slow.  <b>Solution:</b> The <i>Selling and Fulfillment Foundation: Properties Guide</i> has been updated with the requisite information.
<b>Defect ID</b>	241677
<b>Case ID</b>	00261326
<b>Description</b>	While packing an LPN directly into an outbound container, the system does not consider the segment details, and therefore throws an "YDM00239", "Could not identify matching Shipment line." error.
<b>Defect ID</b>	241785
<b>Case ID</b>	00281280
<b>Description</b>	When a user performs the following sequence of actions, the system throws a "DistributionRuleId is not valid." error: <ol style="list-style-type: none"> <li>1. Navigates to DOM &gt; Order Promising &gt; Sourcing and Scheduling &gt; Product Being Shipped.</li> <li>2. Selects the "Override Configuration" Distribution Group.</li> <li>3. Selects the "Copy Rules" checkbox in the "Override Details" screens.</li> <li>4. Clicks "Submit".</li> </ol>
<b>Defect ID</b>	241937
<b>Case ID</b>	Internal
<b>Description</b>	In the <i>Selling and Fulfillment Foundation:Javadocs</i> , the unnecessary DTDOccurrence attribute mentioned in the output xml description of the getOrderFulfillmentDetails API and in the input xml description of the verifyAddress API input xml must be removed.
<b>Defect ID</b>	241996
<b>Case ID</b>	00280456
<b>Description</b>	The Date UEV control associated to a model does not save the user selected date.



**Defect ID** 242201  
**Case ID** 00273195  
**Description** The Sterling Item Configurator's ConfiguratorController must be enhanced to pass the custom product attributes.

**Solution:** The private methods in the com.comergent.reference.apps.configurator.controller.ConfiguratorController class have been protected, so that the class can be extended during customization.

## Hot Fix 20

Release 9.0-HF20

**Defect ID** 226447  
**Case ID** Internal  
**Description** The Sterling Selling and Fulfillment Suite 9.0 must be certified to support Microsoft Internet Explorer 8.0.

**Solution:** The Sterling Selling and Fulfillment Suite 9.0 is certified to support Microsoft Internet Explorer 8.0. For more information about the supported web browsers, refer to Section "Online Documentation Library", of the *Selling and Fulfillment Foundation: Installation Guide*.

**Defect ID** 227381, 241747  
**Case ID** 00191243  
**Description** For inventory allocation, the Release Wave agent must consider only the onhand inventory available at the source location.

**Solution:** The Applications Manager > Warehouse Management > Picking > Pick Planning > Wave Release Schedule configuration is enhanced with a "Do Not Consider Pending Inventory For Allocation" flag to enable or disable the Release Wave agent to consider pending inventory available at the source location for allocation. For more information about the "Do Not Consider Pending Inventory For Allocation" flag, refer to Section "Creating a Wave Release Schedule", of the *Sterling Warehouse Management System: Configuration Guide*.

**Defect ID** 236136  
**Case ID** 00245658  
**Description** When confirming a batch for a tag-controlled or time-sensitive item, the Sterling Application Console must display the "Modification Reason Code" pop-up window only if the target location or quantity of the batch tasks is modified.

**Defect ID** 240574  
**Case ID** 00272400  
**Description** When the changeRelease API is invoked that has Action=CANCEL with quantity < OrderedQty, it cancels all the released line instead of performing partial cancellation.

**Defect ID** 240732  
**Case ID** 00272107

**Description** The File I/O adapter does not honor 'Do Not Fragment' settings when processing delimited and positional text files. Files are always fragmented irrespective of the 'Do Not Fragment' configurations on the receiver.

**Solution:** The adapter to handle fragmentation when performing text to xml translations. When the 'Do Not Fragment' check box is selected, the adapter will output one single xml file containing all the 10 translated records.

**Note:** If the 'Do Not Fragment' check box has been selected for any of the services, and a de-fragmented output is not expected then the check box should be unchecked, otherwise the output will a be single consolidated xml.

**Defect ID** 240831

**Case ID** 00274893

**Description** When a user implements the YPMOverrideGetOrderPriceUE user exit and calls the ChangeOrder API it throws a NullPointerException.

**Defect ID** 240895

**Case ID** 00273622

**Description** When a user performs the following sequence of actions, the system throws a "YFS : No kit lines found" exception:

1. Creates a bundle item with DO NOT specify any item ID's as its components.
2. Creates two items (regulars).
3. Creates a Line Relationship.
4. Creates an order with bundle item parent with OrderLineRelationships components.
5. Invokes the createOrder API.

**Defect ID** 240921

**Case ID** Internal

**Description** A user must be able to view the "Address Entry" screen when it returns a single result.

**Solution:** A new attribute ProceedWithSingleAVSResult has been exposed in the verifyAddress API and YCDVerifyAddressWithAVSUE user exit. If a single result is returned by AVS and ProceedWithSingleAVSResult = N, the system does not stamp the address. The application will display the address returned by AVS and the address entered by the Customer Sales Representative. The system enables the Customer Sales Representative to manually inspect and select either of these two addresses.

**Known Issue:** Output XML for verifyAddress API shows DTDOccurrence as attribute in output XML. DTDOccurrence is not a valid attribute.

**Defect ID** 241167

**Case ID** 00269750

**Description** When a user performs the following sequence of actions, the system creates an additional CHARGE record in the YFS\_CHARGE\_TRANSACTION table:

1. Creates a sales order.
2. Schedules and releases the order.
3. Creates a shipment.
4. Creates a shipment Invoice.  
Collects the amount through the asynchronous payment method.
5. Creates a return order.
6. Creates an invoice through an asynchronous payment method.
7. .Calls the recordExternalCharges API.

When the payment processing is completed in the asynchronous mode and refunds are processed on a paid sales order, the system creates an additional CHARGE record in the YFS\_CHARGE\_TRANSACTION table.

**Defect ID** 241168  
**Case ID** Internal  
**Description** The getOrderFulfillmentDetails API must be enhanced to provide the capability to pass the IgnoreMinNotificationTime attribute to the getPossibleSchedules API.

**Known Issue:** Input XML for getOrderFulfillmentDetails API shows DTDOccurrence as attribute in input XML. DTDOccurrence is not a valid attribute.

**Defect ID** 241472  
**Case ID** Internal  
**Description** A user is not be able to open the “Return Line Summary” screen to view the return order line details.

**Solution:** In the “Return Order Summary” screen, right-click the corresponding return order line and select the ‘View Line Summary’ option, the “Return Line Summary” screen is displayed.

**Defect ID** 241618  
**Case ID** Internal  
**Description** The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the supported version of Oracle Database.

**Solution:** The requisite information has been provided in the *Selling and Fulfillment Foundation: Installation Guide*.

## Hot Fix 19

Release 9.0-HF19

**Defect ID** 239524, 239525, 239645  
**Case ID** Internal

**Description** The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the information about the JAXB Web Service and *Selling and Fulfillment Foundation: Customizing APIs Guide* must be updated with the information about how to update the datatypes.xsd with custom data-types.

**Solution:** The requisite information has been provided in Chapter "Deploying Selling and Fulfillment Foundation" of the *Selling and Fulfillment Foundation: Installation Guide* and Chapter, "DTDs, XSDs, and Complex Queries" of the *Selling and Fulfillment Foundation: Customizing APIs Guide*.

**Defect ID** 240910

**Case ID** 00276417

**Description** While closing a future Manifest on current date, the system hangs and connection leak is observed.

## Hot Fix 18

Release 9.0-HF18

**Defect ID** 238044

**Case ID** 00216044

**Description** The *Selling and Fulfillment Foundation: Mobile Application User Guide* must be updated with the information about the "No Open Tasks" screen.

**Solution:** The requisite information has been provided in Chapter, "Performing System-Directed Tasks" of the *Selling and Fulfillment Foundation: Mobile Application User Guide*.

**Defect ID** 238200

**Case ID** Case ID 00262515

**Description** The application must be enhanced to improve the performance of the confirmShipment API by leveraging the "DoInventoryUpdateOffline" flag based on yfs property.

**Solution:** The DoInventoryUpdatesOffline = Y is now passed in the confirmShipment API from the closeManifest API based on the new yfs property, yfs.closeManifest.doInventoryUpdatesOfflineOnConfirmShipment = Y.

**Defect ID** 238545

**Case ID** 00261741

**Description** When a user performs the following actions, the system prompts the user to enter the purchase order information:

1. Creates a purchase order for a receiving node
2. Logs in to the Sterling Mobile application.
3. Selects the "Receive" menu.
4. In the "Criteria" screen, enters the purchase order information.
5. In the "Location" screen, scans the receiving information.
6. In the "Case/SKU Entry" screen, scans a case and the received item for the purchase order.

**Defect ID** 239385

**Case ID** 00254595

**Description** The information about pierbridge integration required for printing the Pickup Summary Label Print must be updated in *Selling and Fulfillment Foundation: Properties Guide*.

**Solution:** The *Selling and Fulfillment Foundation: Properties Guide* has been updated with the requisite information.

**Defect ID** 239838

**Case ID** 00267730

**Description** When a user performs the following actions, the system does not display the list of the outbound containers associated with the shipment:

1. Creates a shipment for an item
2. Packs the shipment in multiple outbound containers.
3. Adds the outbound containers to an inventory pallet through the 'Build Inventory Pallet' activity.
4. In the "Outbound Shipment Detail" screen selects the "Containers" option.

**Defect ID** 240078

**Case ID** 00271141

**Description** When a user performs the following actions, the system throws "Cannot Suggest Task to user" exception:

1. Configures a task type to perform the Pick Into Container, Pack While Pick, and System Suggested Containerization.
2. Configures the Pick Location Assignment to pick from multiple zones and associates the above configured task type for picking.
3. Creates a shipment, adds it to a wave, and releases the wave such that the pick tasks are created from multiple zones.
4. Containerizes the wave.
5. Logs in to the Sterling Mobile application.
6. Selects the "Outbound Picking" option.
7. Scans the Container Number and picks inventory from the first zone.
8. Deposits the container in an in-transit zone to allow other users to pick inventory from the remaining zones.

If another user scans the same container to proceed with picking and pass activity on outbound containers, the system throws the exception.

**Defect ID** 240130

**Case ID** 00271264

**Description** When a user performs the following actions, the system throws a "WMS00056: There is no inventory for put away at the Source Location" error:

1. Creates a purchase order for an item
2. Logs in to the Sterling Mobile application.
3. Selects the receipt and putaway options.
4. Scans the order and clicks "Enter".
5. Scans the equipment and clicks "Enter".
6. Scans the item ID and tabs out.
7. In the "Quantity" screen, scans the quantity and tabs out. Leaves the Disposition Code field and clicks "Enter".

**Defect ID** 240229  
**Case ID** 00271593  
**Description** When a user searches for shipments by date range in the "By Wave" resource of Outbound Shipment Search" screen, the application List screen does not correctly list the outbound shipments based on the date range.

**Defect ID** 240353  
**Case ID** 00268051  
**Description** In the following scenarios, the system throws "update failed" error while creating a wave:

- When shipping calendar is defined at the node level.
- When the qualifying shipments dates are older than the current date.
- When the NEXT\_ALERT\_TS field in the YFS\_SHIPMENT table is updated by the Shipment Monitor agent.
- When the createWaveforNode API is invoked or the CREATE\_WAVE\_SHIP\_GROUP agent is run.

**Defect ID** 240739  
**Case ID** 00275100  
**Description** While performing Close Manifest, the system tries to call the confirmShipment API even for shipments that have uncontainerized quantity, even if all the containerized quantity has already been added to manifest. The system must check the Is Pack Process Complete at shipment level before confirming.

## Hot Fix 17

Release 9.0-HF17

**Defect ID** 239158  
**Case ID** 00266180  
**Description** If an exception exists in the JMS Consumer service, the reply to a Queue message contains only the input XML and does not contain any information about the exception.

**Defect ID** 239356  
**Case ID** 00268525  
**Description** When a user performs the following actions, the system incorrectly cancels the tasks:

1. Creates a shipment for an item.
2. Includes the shipment in a wave and releases the wave.
3. Containerizes the wave, such that multiple containers are created for the item.
4. Modifies the container and removes the item quantity from the shipment line.

**Defect ID** 239684  
**Case ID** Internal  
**Description** While building the EAR with JAXB Webservices for the receiveIntransitUpdates API, the system throws a JAX bean compilation error.

**Defect ID** 239689

**Case ID** 00269809  
**Description** When the following conditions are met, the system does not honor Pick Location Assignment configured for the item correctly:

1. Configures an item I1 with alternate UOM as CASE and PALLET with conversion quantities as 1 and 720 EACH respectively.
2. Configures Pick Location Assignment to pick quantities in UOM of PALLET from Zone Z1 with task type as T1.
3. Configures Pick Location Assignment to pick quantities in UOM of CASE from Zone Z2 with task type as T2.
4. Configures Pick Location Assignment to pick quantities in UOM of EACH from Zone Z3 with task type as T3.
5. Adjusts 40, 30 and 20 quantities of inventory for I1 in Z1, Z2 and Z3 respectively.
6. Creates a shipment for item I1 with 5 quantities.
7. Includes shipment in wave and releases the wave.

The system creates a task from Z3 with task type as T3 instead from Z2 with task type as T2.

**Defect ID** 239701  
**Case ID** 00270223  
**Description** When a user performs the following actions, the system throws an "YCM0002 - Mandatory Parameters for the Operation are missing" error:

1. Navigates to WMS > System Administration > BarCodes.
2. Configures a new barcode source in the 'Adhoc Move Pick' Bar Code Type, for example, "Container" and associates it with Bar Code Validation Source as CartonNo.  
 Ensures that the inventory for item 1 is available in the Pack location or Pack station.
3. Creates and packs the shipment S1 for Item1.
4. Logs in to the Sterling Mobile application.
5. Selects Adhoc Move option and clicks "Go".
6. Scans the Pack location and tabs out.
7. Scans the Container Number associated with the container SCM generated in the Pack station.

## Hot Fix 16

Release 9.0-HF16

**Defect ID** 230661  
**Case ID** 00220524  
**Description** The system forces a user to scan Item ID twice when it tries to perform inventory sorting after the inventory is received in the dock.

**Solution:** A user must create a new resource from the RF\_Inventory\_Sorting and must change the Java Server page parameter from the /rf/wms/sortinventory/frmSortInventory.jsp to /rf/wms/sortinventory/frmSortInventory.jsp?AutoSort=Y.

**Defect ID** 237896  
**Case ID** 00254595

**Description** A user must be able to perform the following sequence of actions:

- On calling the closeManifest API, the Pickup Summary Barcode Report must get printed.
- Ability to reprint the Pickup Summary Barcode Report for any of the closed Manifests on any day.
- Ability to either print the Pickup Summary Barcode Report directly to any desired printer.

**Defect ID** 238095

**Case ID** 00261949

**Description** When the following conditions are met, the system do not honor the Pick Location Assignment configured for an item:

1. Configures an item with an alternate UOM as CASE and PALLET with conversion quantities as 10 and 720 EACH respectively.
2. Configures the Pick Location Assignment to pick quantities in UOM of PALLET from Zone Z1 with task type as T1.
3. Configures Pick Location Assignment to pick quantities in UOM of CASE from Zone Z2 with task type as T2.
4. Configures Pick Location Assignment to pick quantities in UOM of EACE from Zone Z3 with task type as T3.
5. Adjusts 40, 30, and 20 quantities of inventory for I1 in Z1, Z2, and Z3.
6. Creates a shipment for item I1 with 30 quantities.
7. Includes shipment in a wave and releases the wave.

The system creates a task from Z1 with task type as T1 instead of creating from Z2 with task type as T2.

**Defect ID** 238281

**Case ID** Internal

**Description** Using the JAXB Webservices the time taken for invoking the APIs is very high as compared to Simple Webservices.

**Defect ID** 238282

**Case ID** Internal

**Description** The system throws a NullPointerException while building the client for JAXB Webservices.

**Defect ID** 239217

**Case ID** 00267722

**Description** When a user performs the following sequence of actions, the system throws a "YDM00292 - Cannot add a manifested container to another container" exception:

1. Creates a shipment for an item.
2. Includes the shipment in a wave.
3. Releases and containerizes the wave.
4. Invokes the getTrackingNoAndprintLabel API to update the manifest and tracking number information on the containers.
5. Packs the containers.
6. Performs the pallet build operation to include the containers in the pallet.

**Defect ID** 235496



**Case ID** 00239304  
**Description** Functionality to automatically weigh containers during manifesting must be provided.

## Hot Fix 15

Release 9.0-HF15

**Defect ID** 234882, 238450  
**Case ID** 00242189  
**Description** In Business Center, the “Customer Entitlement Details” screen must be enhanced to display the paginated list of items assigned to an entitlement detail rule.

**Solution:** The “Customer Entitlement Details” screen has been enhanced to display the paginated list of items assigned to an entitlement detail rule. The *Business Center: Item Administration Guide* has been updated with the requisite information.

**Defect ID** 236037  
**Case ID** 00231966  
**Description** When a user calls the getOrderDetails API or getOrderLineDetails API and sets the dynamic template of these APIs using the file name of the template, the system throws “ClassCastException”.

**Defect ID** 236581  
**Case ID** 00252682  
**Description** When a user performs the following sequence of actions, the system does not allow a user to unpack a shipment:

1. Creates an order.
2. Schedules and releases the order.
3. Includes it in a shipment.
4. Navigates to Pack station > Container Details.  
The “Container Details” screen is displayed.
5. In the Container properties panel, clicks ‘Unpack Container’.
6. Clicks “Remove Quantity”.
7. Clicks “Save”

The system displays the error message “ErrorDescription=“Delete failed. The record to be deleted could either not be found or it was already deleted or updated by another transaction.”.

**Defect ID** 237068  
**Case ID** 00254139  
**Description** While pick fencing the system does not consider the inventory status configured in the Outbound Pick Location Assignment rules.

**Defect ID** 237763  
**Case ID** 00258270  
**Description** If all the eligible shipments have shipment lines less than the configured max number of shipment lines, certain times the system create waves by not abiding the wave size constraint by shipment lines.

<b>Defect ID</b>	237821
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Sterling Sensitive Data Capture Server: PA-DSS Implementation Guide</i> and <i>Sterling Sensitive Data Capture Server: Configuration Guide</i> must be updated with the installation instructions for displaying all the files that are created as part of the installation process.
	<b>Solution:</b> The requisite information has been provided in the <i>Sterling Sensitive Data Capture Server: PA-DSS Implementation Guide</i> and <i>Sterling Sensitive Data Capture Server: Configuration Guide</i> .
<b>Defect ID</b>	237854
<b>Case ID</b>	00259882
<b>Description</b>	If the Text Load service is used to transfer a file from an input directory to a working directory, and if the working directory is not accessible during the file processing, the system deletes the file from the input directory.
<b>Defect ID</b>	237893
<b>Case ID</b>	00216044
<b>Description</b>	To perform outbound picking, when a user navigates to the "No Open Tasks" screen and clicks "OK", the user is redirected to the Main Menu page instead of Outbound Pick menu option.
<b>Defect ID</b>	237894, 238043
<b>Case ID</b>	00239523
<b>Description</b>	The Cycle Count functionality on the Sterling Mobile Application must allow a user to enter a start location.
	<b>Solution:</b> When a user logs in to the Sterling Mobile Application and navigates to the "Cycle Count" screen, user can enter the start location. Based on this, the system suggest the next optimal task. The requisite information has been provided in the <i>Selling and Fulfillment Foundation: Mobile Application User Guide</i> .
<b>Defect ID</b>	238046
<b>Case ID</b>	00261181
<b>Description</b>	When a user performs the following sequence of actions, the task moves to the 'Held' status: <ol style="list-style-type: none"> <li>1. Creates two outbound pick tasks from the Forward Pick location (T1 ,T2).</li> <li>2. Enters the quantity as zero against T1.</li> <li>3. Creates a pend-in for the item as in T1.</li> <li>4. Includes the yfs.suggesttask.onshortpick.tasktypelist=tasktype in the Customer Overrides properties file.</li> <li>5. Logs in to the Sterling Mobile Application.</li> <li>6. Navigates to the "Outbound Pick" screen. The System suggests task T2.</li> <li>7. Completes task T2. Task T1 moves to the 'Held' status.</li> </ol>
<b>Defect ID</b>	238123
<b>Case ID</b>	00261906

**Description** description When a user prints the shipment Bill Of Lading for an outbound shipment, the out-of-the- box Bill Of Lading Print services read the Customer Purchase Order number information from the order line instead of the shipment line.

**Solution:** If the information is present on the shipment line and an order is not present on the system, copy the Customer Purchase Order number information from the shipment line to the order line element.

## Hot Fix 14

Release 9.0-HF14

<b>Defect ID</b>	216926
<b>Case ID</b>	Internal
<b>Description</b>	When a user performs the following sequence of actions, the getShipmentLineList API throws a null pointer exception: <ol style="list-style-type: none"> <li>1. Creates a Return Order.</li> <li>2. Releases the Return Order.</li> <li>3. Creates a shipment for the Return Order and ships the shipment.</li> <li>4. Calls the getShipmentLineList API with the &lt;ReceiptLines&gt; element in the output template before receiving the Return Order.</li> </ol>
<b>Defect ID</b>	221443, 221442
<b>Case ID</b>	Internal
<b>Description</b>	The security vulnerability related to token value must be fixed.
<b>Defect ID</b>	235306
<b>Case ID</b>	00245195
<b>Description</b>	The getLocationList API java docs and the default templates do not contain the newly added attributes, MinQty and MaxQty at the SKUDedication level.
<b>Defect ID</b>	237016
<b>Case ID</b>	00254752
<b>Description</b>	The JMS consumers configured in the service definition framework in the Applications Manager User Interface are not able to copy the Request JMS MessageID into the Response JMS Correlation ID. The JMS consumers is also not able to configure the 'time to live' attribute for the response message.
	<p><b>Solution:</b> In the Applications Manager, new fields have been added in the following services:</p> <ul style="list-style-type: none"> <li>• Asynchronous JMS receive service - The "Reply Correlation ID should be same as Request JMSMessage ID" check box and "Reply Time to live" text box.</li> <li>• Synchronous JMS Send and Receive service - The "Is Reply Correlation ID should be same as the Request JMSMessage ID?" checkbox.</li> </ul> <p>For more information about the yfs.jms.replytoqueue.forcesoapspec and yfs.jms.replytoqueue.timetolive properties, refer the <i>Selling and Fulfillment Foundation:Javadocs</i>.</p>
<b>Defect ID</b>	237179
<b>Case ID</b>	00223527

**Description** When a user logs in to a different system and changes the time zone to US Central time, the start no earlier time is populated as US Eastern time instead of US Central time in the "Create Count Request" screen.

**Defect ID** 237290

**Case ID** 00254453

**Description** If multiple shipments exist in the system, and a user calls the consolidateToShipment API to pass the shipments for customization, the shipments are not passed.

**Defect ID** 237433

**Case ID** 00257692

**Description** The executeCollection API does not honor the time stamp of the collection date because of which it picks up the charge transactions with a future collection date.

**Defect ID** 237441

**Case ID** Internal

**Description** In the Sterling On Demand application, when a user selects multiple records in any of the List screens to view the details, the ordering of the detail pages are inappropriate. Due to this, the duplicate pages are displayed in the corresponding Detail screen.

**Defect ID** 237482

**Case ID** 00253913

**Description** When a user performs the following sequence of actions, the requestCollection agent is picking the orders for processing which are on payment hold and throws an exception:

1. Creates a payment hold to prevent the requestCollection agent.
2. Creates an order and confirms it.  
Puts the order on hold.
3. Runs the requestCollection agent.

**Defect ID** 237620

**Case ID** Internal

**Description** The system logs off the users from the mobile device sporadically on the Solaris 10 platform that runs on the AMD Opteron Processor.

**Defect ID** 237647

**Case ID** 00255779

**Description**

In the following scenarios, the system displays "No record found for the passed inputs" error message:

**Inbound Order Scenario:**

1. Creates an inbound shipment, INBS1 for an item SZ1 having 2 quantities with the receiving node as N1.
2. Records the container details by providing the pallet ID, P1 and the serial numbers, SR1 and SR2.
3. Starts the receipt and receives the inventory for serials SR1 and SR2.
4. Performs the putaway task to pack inventory at a location.

There are two units of SZ1 in the pack station.

**Transfer Order Scenario:**

1. Creates a transfer order shipment for an item SZ1 to move the inventory from node N1 to N2.
2. Packs the shipment and confirms the shipment from node N1.
3. Receives the transfer order shipment from node N2.
4. Performs the putaway task to pack inventory at a location.

**Outbound Scenario:**

1. Creates an outbound shipment with ship node as N2 for the same item SZ1 and SZ2.
2. Changes the shipment status to "sent to node".
3. Packs the shipment into a pallet.
4. Scans the item ID. The "Serial Number" pop-up window is displayed.
5. Scans the serial numbers, SR1 and SR2.
6. Clicks 'Save'.

## Hot Fix 13

Release 9.0-HF13

**Defect ID** 230599

**Case ID** Internal

**Description** The changes should be made to support zero down time while activating a new search catalog index.

**Defect ID** 232371

**Case ID** Internal

**Description** The incremental build of catalog search index does not update the changes correctly in certain scenarios.

**Known Issues:** The pricelist effective dates are not considered when determining which items need to be updated in an incremental build.

**Workaround:** A user should mark the past pricelist as 'INACTIVE'.

**Defect ID** 232686

**Case ID** 00233132

**Description** The following issues are noticed while extending the “Field Sales” screen:

- The message "this.overlayEditor is undefined" is displayed in the console.
- The message “component.getEI() is undefined” is displayed in the console.
- The message “sb is undefined” is displayed in the console.

**Defect ID** 234016

**Case ID** Internal

**Description** When multiple appsServers are running and if a user activates a new index, it may result in an incorrect cache loading period. This information, must be updated in the *Catalog Management:Concepts Guide*.

**Solution:** The *Catalog Management:Concepts Guide* has been updated with the requisite information.

**Defect ID** 234225

**Case ID** 00234627

**Description** The getInventorySnapShot API must support batching.

**Solution:** The getInventorySnapShot API is enhanced to support two new attributes ‘LastInventoryItemKey’ and ‘MaximumNumberOfItems’. When these attributes are passed in the input along with shipNode, the API fetches records ahead of the passed ‘LastInventoryItemKey’ attribute with the number of records restricted to ‘MaximumNumberOfItems’ attribute value passed in the input.

**Note:** The attributes are honored only if ShipNode is passed in the input.

**Defect ID** 234361

**Case ID** Internal

**Description** The information about recommendations and timings based on the configuration when performing full and incremental catalog index must be updated in the *Catalog Management:Configuration Guide*, *Catalog Management:Concepts Guide*, *Selling and Fulfillment Foundation:Properties Guide*.

**Solution:** The *Catalog Management:Configuration Guide*, *Catalog Management:Concepts Guide*, *Selling and Fulfillment Foundation:Properties Guide* has been updated with the requisite information.

**Defect ID** 234693

**Case ID** Internal

**Description** The information about loading the cache at the 10th minute interval must be updated in the *Selling and Fulfillment Foundation:Properties Guide*.

**Solution:** The *Selling and Fulfillment Foundation:Properties Guide* have been updated with the requisite information.

**Defect ID** 235635

**Case ID** Internal

**Description** The ScheduleOrder API does not work as expected in the following scenario:

- When there is segmented inventory for the items in an order.
- When there are multiple order lines in an order.

**Defect ID** 236272  
**Case ID** Internal  
**Description** The merged datatypes.xml created during the hot fix installation corrupted entries for the data types that had multiple child elements, such as 'Enum' or 'DBType'.

**Solution:**

- Solution: The issue has been fixed for data types having child elements, 'Enum' or 'DBType'. While extending the datatypes.xml, a user cannot update the following attributes:
- The 'Value' attribute of an existing 'Enum' XML element.
- The 'Name' attribute of an existing 'DBType' XML element.

As, the above attributes are used to uniquely identify the 'Enum' and 'DBType' xml elements for a data type.

**Defect ID** 236316  
**Case ID** 00242189  
**Description** The getEntitlementRuleDetailItemList API must be exposed to retrieve Entitlement Rule Detail item records based on the input criteria.

**Solution:** The getEntitlementRuleDetailItemList API has been exposed. For more information about the getEntitlementRuleDetailItemList API, refer to the *Selling and Fulfillment Foundation:Javadocs*.

**Defect ID** 236598  
**Case ID** 00252912  
**Description** When a user performs the following sequence of actions on a pallet(0010000000000120001) having a child shipping container(100000000123), the system displays an "error - "Container\_Scm/Case\_ID\_is\_invalid" error message:

1. Logs in to the Sterling Mobile Application.
2. Selects the 'Undo Container Build' option.
3. Scans the pallet scm(0010000000000120001 ) in the "Container SCM" field and scans the container number (100000000123).
4. Clicks "Go".

**Defect ID** 236637  
**Case ID** Internal  
**Description** The localization issues in the application have been fixed, and the relevant documents have been updated.

**Defect ID** 236703  
**Case ID** 00253728  
**Description** When a user prints the Shipment Bill Of Lading for the outbound shipment, the out-of-the-box Bill Of Lading Print Services reads the NMFC information only from the order line.

**Solution:** If the information is present on the shipment line and order is not present on the system, the NMFC data must read from the shipment line.

**Defect ID** 237049  
**Case ID** 00197160

**Description** The following columns must be resized to avoid upgrade impact for the customers upgrading on DB2 database from Release 9.0:

1. In the YFS\_ITEM table, the 'DESCRIPTION' column must be changed to 500 bytes.
2. In the YFS\_ORDER\_KIT\_LINE, YFS\_ORDER\_LINE, and YFS\_SHIPMENT\_LINE tables, the corresponding mappings of the item table must be resized.
3. In the YFS\_ORDER\_LINE and YFS\_ORDER\_KIT\_LINE tables, the 'CUSTOMER\_ITEM\_DESCRIPTION' column must be resized to 500 bytes.

**Defect ID** 237120  
**Case ID** 00253189

**Description** When a SKU dedicated location is set up with the minimum and maximum quantity and "Replenish the locations up to maximum quantity for dedicated items" and "Replenish when inventory goes below minimum quantity for dedicated items" is enabled in PLA, the system cancels a wave if demand is available at the forward pick location, but not available in the bulk location to fulfill the maximum quantity for replenishment.

**Defect ID** 237208  
**Case ID** 00254837

**Description** When multiple warehouses contain waves with the same wave number and if one of the warehouse user opens the "Wave Summary" screen using the Selling and Fulfillment Application Console, the system displays an incorrect value for NoOfShipmentLines, NoOfSKU, and NoOfProfiles fields.

**Defect ID** 237289  
**Case ID** 00235222

**Description** The Sterling Mobile Application logs out, when a user selects the "Build Pallet" menu.

**Defect ID** 237333  
**Case ID** 00256729

**Description** While creating a wave, the optimum waves are not getting created and the number of waves is limited.

**Defect ID** 237354  
**Case ID** 00253539

**Description** When performing a pick task using the Sterling Mobile Application, if inventory is not available at the source location to execute the task, the system suggests an alternate pick location and moves the task to "Held" status, if the alternate pick location suggestion fails.

**Solution:**The application has been enhanced to automatically suggest the same task even if inventory does not exist for certain task types. The 'yfs.suggesttask.onshortpick.tasktypelist' property that must be set to comma-separated values of the task types in the yfs.properties file has been provided.

**Note:** If the 'yfs.suggesttask.onshortpick.tasktypelist' property is not set or the task is not of the task type mentioned in the list, the system will retain the current behavior.



# Hot Fix 12

Release 9.0-HF12

<b>Defect ID</b>	222817
<b>Case ID</b>	Internal
<b>Description</b>	The tracking number is not getting printed on the Return labels.
<b>Defect ID</b>	227032
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the system throws "An OpenShip Index (542) was not specified" exception:</p> <ol style="list-style-type: none"><li>1. Creates a returnable item and sets the return label printing at the SKU level.</li><li>2. Configures a carrier other than FEDX that integrates with FXRS server to print return labels.</li><li>3. Creates freight terms for an enterprise.</li><li>4. Creates a shipment with the returnable item. Uses the configured carrier.</li><li>5. Packs the shipment into multiple containers.</li><li>6. Invokes the addContainerToManifest API for a container.</li></ol>
<b>Defect ID</b>	228624
<b>Case ID</b>	Internal
<b>Description</b>	<p>The system throws "YFC0009: Update failed" exception, when the changeShipmentContainer and getTrackingNoAndPrintLabel APIs are invoked in a single transaction boundary to update a shipment container.</p>
<b>Defect ID</b>	229005
<b>Case ID</b>	00211040
<b>Description</b>	<p>The information about copying the web.xml to eardata/smcfs/extn must be removed from Section 3.3, "Preparing the Development Environment on WebLogic" of the <i>Selling and Fulfillment Foundation: Customization Basics Guide</i>.</p> <p><b>Solution:</b> The <i>Selling and Fulfillment Foundation: Customization Basics Guide</i> has been updated with the requisite information.</p>
<b>Defect ID</b>	229559
<b>Case ID</b>	Internal
<b>Description</b>	<p>The system throws an update failed exception when the following APIs are invoked in a sequence and in a single transaction boundary:</p> <ul style="list-style-type: none"><li>• addToContainer</li><li>• changeShipmentContainer</li><li>• addContainerToManifest</li></ul>
<b>Defect ID</b>	234878, 236132
<b>Case ID</b>	00210406

**Description** The application must limit the number of accepted waves in order to maximize the possibility of consolidation opportunities.

**Solution:** The application has been enhanced to limit the number of accepted waves in order to maximize the possibility of consolidation opportunities.

**Note:** The requisite information has been updated in the section "Defining a Shipment Group's Advanced Parameters" of the *Sterling Warehouse Management System: Configuration Guide*.

**Defect ID** 235497, 235867

**Case ID** 00237411

**Description** Package-level manifesting is not supported.

**Solution:** A new property 'yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment' has been introduced. By default, the 'yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment' property is set to 'N'.

The 'Put container on hold on Carrier Server while generating tracking number and Ship or Release the Hold on the container while Manifesting the container' checkbox has been introduced. This checkbox can be selected in the Parcel Carrier Preferences depending on whether a user wants to hold a container (at Pierbridge) while generating the tracking number and label, and ship or release the container while manifesting.

If the 'yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment' property is set to 'Y' and the 'Put container on hold on Carrier Server while generating trackingnumber and Ship or Release the Hold on the container while Manifesting the container' checkbox is selected, the system enables package level manifesting. Due to this, the getTrackingNoAndPrintLabel, addContainerToManifest, CloseManifest, and RemoveContainerFromManifest APIs are impacted.

For more information about the getTrackingNoAndPrintLabel, addContainerToManifest, CloseManifest, and RemoveContainerFromManifest APIs, refer to the *Selling and Fulfillment Foundation:Javadocs*.

**Notes:**

- The requisite information has been updated in the section "Creating a Parcel Carrier Preference" of the *Sterling Warehouse Management System: Configuration Guide* and section "yfs.properties" of the *Selling and Fulfillment Foundation Properties Guide*.
- Pierbridge Shipment Server 6.5.97 must be used in order to use this feature.

**Defect ID** 235696

**Case ID** 00242711

**Description** When a user invokes the sendRelease agent for a scheduled and released order, the system throws "YFS10537:Invalid Charge Category" exception.

**Defect ID** 235763

**Case ID** 00245753

<b>Description</b>	When a user performs sort inventory operation through WinCE mobile application, and sorts inventory for item quantity more than the location quantity, the system throws "WMS00019: Not enough quantity for inventory operation" exception and does not allow the user to proceed with task cancellation.
<b>Defect ID</b>	236274
<b>Case ID</b>	Internal
<b>Description</b>	The buildjaxclient.sh and buildJaxWsClient.xml are missing in the platform component for JaxB Webservice related fixes.
<b>Defect ID</b>	236334
<b>Case ID</b>	00250725
<b>Description</b>	When a user performs the following sequence of actions, the system does not create containers as expected during wave containerization: <ol style="list-style-type: none"> <li>1. Configures PLA with task type as Pick Into Equipment, Apply label, Pack While Pick, and System Suggested Containerization.</li> <li>2. Configures an item with alternate UOM as Case and conversion quantity as 1.</li> <li>3. Creates a shipment for the configured item.</li> <li>4. Includes the shipment in wave.</li> <li>5. Releases the wave and containerizes the wave.</li> </ol>
<b>Defect ID</b>	236390
<b>Case ID</b>	Internal
<b>Description</b>	When a user creates a shipment and packs it, at the time of packing it the addToContainer API is called due to which the system performance is slow when the query is fired on the YFS_SHIPMENT_Container table while calling the addToContainer API.
<b>Defect ID</b>	236400
<b>Case ID</b>	Internal
<b>Description</b>	The system does not honor node configuration, while retrieving task types from the getNextDepositLocation API.
<b>Defect ID</b>	236421
<b>Case ID</b>	Internal
<b>Description</b>	When a user performs the following sequence of actions, the system locks the transaction twice: <ol style="list-style-type: none"> <li>1. Creates a shipment.</li> <li>2. Create two containers for a shipment.</li> <li>3. Packs the container.</li> <li>4. Adds the first container to a manifest. The system opens a new manifest and locks the transaction.</li> <li>5. Adds the second container to the manifest. The system again locks the transaction.</li> </ol> <p><b>Solution:</b> The system locks the transaction if a new manifest is opened.</p>
<b>Defect ID</b>	236569
<b>Case ID</b>	00252758

**Description** When a user calls the consolidateToShipment API it changes the 'PackAndHold' flag status on the shipment from 'N' to 'Y', if two or more order releases with different shipment dates are consolidated into a single shipment.

## Hot Fix 11

Release 9.0-HF11

**Defect ID** 228808  
**Case ID** 00209953  
**Description** A user is not able to implement a password policy rule for logging into the system.

**Solution:** The application has been enhanced such that a hashmap object(PasswordPolicyResultMap) is set in the HttpSession, if the password policy rule is implemented. A user can write a customization logic to intercept the request and access the PasswordPolicyResultMap. The values in this map can be used to redirect to ChangedPasswordLink.

**Defect ID** 232229  
**Case ID** 00214687  
**Description** Authorizations are chosen randomly for charging that may result in mismatch of an authorization and charge amount.

**Solution:** The system will sort authorizations of a payment by auth expiration date and searches for authorization whose open authorization amount matches the total charge amount. If the exact match is found, the authorization will be used for charging. If the total charge amount does not match the open auth amount of any of the authorizations, the earliest expire authorization is used for charging.

**Defect ID** 232230  
**Case ID** 00230997  
**Description** The application must be enhanced to support Reverse Authorizations. New fields must be exposed in the executeCollection user exit to pass information regarding reversals that is to be reported into the system.

**Defect ID** 232511  
**Case ID** 00233262  
**Description** When a user logs in to Sterling Mobile Application and selects the 'Undo Container Build' option, the system converts the outbound containers to inventory containers. Due to this, the user needs to again pack the shipment.

**Solution:** A user must create a new resource from the RF\_Undo\_Container\_Build and must change the Java Server Page parameter from /rf/wms/undobuild/frmUndoContainerBuild.jsp to /rf/wms/undobuild/frmUndoContainerBuild.jsp?RetainContainer=Y.

When a user selects the 'Undo Container Build' option, the system will retain the container as outbound container instead of converting it to an inventory container. The shipment and the container will be in the 'Packed' status, and the container and container details will not be deleted.

**Defect ID** 234511

**Case ID** Internal  
**Description** The *Sterling Distributed Order Management: Configuration Guide*, the *Selling and Fulfillment Foundation: Product Concepts Guide*, and the *Sterling Selling and Fulfillment Suite: Glossary Guide* must be updated with the information about Reverse Authorization.

**Solution:** Added the following sections in the *Sterling Supply Chain Applications Product Concepts Guide*:

- Reverse Authorization
- Reversal of Authorization
- Authorization Reversal Window
- Configuration Options
- Do Not Reverse
- Reverse When Expired
- Reverse Authorization Settlement Scenarios
- Authorization Amount and Settlement Charge Match
- Expired Authorization
- Authorization Amount and Settlement Charge Differ
- Manual Adjustment of Authorizations
- Added a new field 'Reversal of Authorization' in Table 12-5, of Chapter 12, "Payment Systems".

Added the following fields in Table 7-1, of Chapter 7, "Configuring Cross-Application Payment Components" of the *Sterling Distributed Order Management Configuration Guide*:

- Authorization Reversal Strategy
- Do Not Reverse
- Reverse When Expired

Added the description of "reverse authorization" in the *Sterling Selling and Fulfillment Suite :Glossary Guide*:

**Defect ID** 235038

**Case ID** Internal

**Description** When a user performs the following steps, the system moves the shipment to "Sent To Node" status and deletes the shipment container details for the container:

1. Creates multiple outbound shipments.
2. Packs each shipment into its respective container.
3. Creates a load and adds both the shipments to the load.
4. Builds the load container by adding the outbound containers to a load container.
5. Performs the "Undo Container Build" action to remove the shipment container from the load container.

**Defect ID** 235043

**Case ID** Internal

**Description** When a user performs the following steps, the system moves the shipment to "Sent To Node" status and deletes the shipment container details for the container:

1. Creates multiple outbound shipments.
2. Packs each shipment into its respective container.
3. Creates a load and adds both the shipments to the load.
4. Builds the load container by adding the outbound containers to a load container.
5. .Performs the "Undo Container Build" action to remove the shipment container from the load container.

**Defect ID** 235272  
**Case ID** 00243741

**Description** If there is large number of locations with many capacity constraints defined, the system takes a long time to release a wave.

**Defect ID** 235557  
**Case ID** 00243857

**Description** When a configurable model returns only a top level SKU with no other SKU in the BOM configuration, the Sterling Web application stops with java.lang.StackOverflowError.

## Hot Fix 10

Release 9.0-HF10

**Defect ID** 220399, 233161  
**Case ID** 00171512

**Description** The system should have a provision to replenish a dedicated location to the maximum quantity for an item during demand-based replenishment.

**Solution:** The SKU Location Dedication configuration has been enhanced to configure the minimum quantity and maximum quantity for the dedicated item. The Pick Location Assignment (PLA) configuration has been enhanced to configure "Replenish the locations up to max quantity for dedicated items".

When a SKU dedicated location is set up with maximum quantity and "Replenish the locations up to max quantity for dedicated items" is enabled in PLA, the system replenishes the dedicated location to the maximum quantity for an item during demand-based replenishment.

**Note:** Note: The requisite information has been updated in the Section "Pick Location Assignment Rule (Order Pick) Pop-Up Window" of the *Sterling Warehouse Management System: Configuration Guide*.

**Defect ID** 227379, 233162  
**Case ID** 00191893

**Description** The system should have a provision to replenish a dedicated location to the maximum quantity for an item during min-max replenishment.

**Solution:** The SKU Location Dedication configuration is enhanced to configure minimum quantity and maximum quantity for the dedicated item. Location Inventory Monitor Alert repository is enhanced by providing a new alert "Inventory Below Minimum Qty"

When a SKU dedicated location is set up with minimum and maximum quantity and the location inventory monitor agent is triggered for "Inventory Below Minimum Qty" alert, the system replenishes the dedicated location to the maximum quantity for an item during min-max replenishment if the inventory in location is below the minimum quantity for the item.

**Note:** The requisite information has been updated in the Section "Setting Up a Location's Dedication" of the Sterling Warehouse Management System: Configuration Guide.

**Defect ID** 229825

**Case ID** 00214051

**Description** When a user performs the following sequence of actions, the system throws a "WMS000184: Zone doesn't track license plates" error:

1. Configures a task type with pick into equipment and apply label.
2. Configures a Forward pick zone which does not track LPN.
3. Configures Pick Location assignment and associates the task type configured in step 1.
4. Creates a shipment, includes it in a wave and releases the wave so that the task is created from a zone as configured in Step 2.
5. Logs in to Sterling Mobile Application and selects the "Outbound Pick" activity.
6. .Scans the equipment, location and label.

**Defect ID** 231629

**Case ID** 00215831

**Description** When a user performs the following sequence of actions, the system should consider an SCM scanned in the pick criteria as a label and should not prompt a message for entering the label again in the SKU entry screen:

1. Configures the task type to perform "Apply license plates during picking", "Pack While Pick", and "Use System Suggested Containerization".
2. Creates a shipment, includes it in a wave, releases and containerizes the wave.
3. Generates container labels for the shipment.
4. Logs in to the Sterling Mobile Applications and selects the Outbound Pick Activity.
5. Scans the SCM label in the criteria screen.
6. .Picks inventory for the suggested task associated with the SCM.

**Defect ID** 232115, 233163

**Case ID** 00230050

**Description** If the inventory in a location goes below the minimum quantity for an item in the location, the system should replenish the dedicated location to the maximum quantity for an item during demand-based replenishment.

**Solution:** The SKU Location Dedication configuration is enhanced to configure the minimum quantity and maximum quantity for the dedicated item. The Pick Location Assignment (PLA) configuration is enhanced to configure "Replenish the locations up to max quantity for dedicated items".

The PLA configuration is enhanced to configure "Replenish when inventory goes below minimum quantity for dedicated items".

When a SKU dedicated location is set up with the minimum and maximum quantity and "Replenish the locations up to maximum quantity for dedicated items" and "Replenish when inventory goes below minimum quantity for dedicated items" is enabled in PLA, the system replenishes a dedicated location to the maximum quantity for an item during demand-based replenishment if the inventory in the location goes below the minimum quantity for the item in the location.

**Note:** Note: The requisite information has been updated in the Section "Pick Location Assignment Rule (Order Pick) Pop-Up Window" of the *Sterling Warehouse Management System: Configuration Guide*.

**Defect ID** 232539  
**Case ID** 00232328  
**Description** When a user performs the following sequence of actions, the system does not the raise the SHIPMENT\_PICKED event:

1. Configures a task type with Voice Pick enabled.
2. Configures Pick Location assignment and associates the task type configured in step 1 with it.
3. Creates a shipment, includes in a wave, and releases the wave.
4. Completes the task for the wave.

**Defect ID** 232604  
**Case ID** 00229058  
**Description** The information about assigning a different colony for an existing organization with an enterprise role must be provided in the *Selling and Fulfillment Foundation Multitenant Enterprise Guide*.

**Solution:** The requisite information has been updated in the "Add an Enterprise to a Colony" of the *Selling and Fulfillment Foundation: Multitenant Enterprise Guide*.

**Defect ID** 232684  
**Case ID** 00230794  
**Description** The sender component in the Service Definition Framework in the Application Manager that puts the messages into a secured JMS queue does not honor all the security parameters set in the JMS Security Properties tab. The receiver component that receives the messages from a secured JMS queue does honor all the security parameters set in the JMS Security Properties tab.

**Solution:** Both sender and receiver components are working in the similar manner. The sender component also honors the JMS parameters set provided in the JMS Security Properties tab in the Application Manager.



**Defect ID** 233000  
**Case ID** 00234070  
**Description** In the Websphere application server, the EAR deployment fails because a regular IBM jar for JMS containing "ejb" which is installed using Install3rdparty utility, the build EAR script assumes this jar to be an EJB. Due to these reasons an improper EAR is created.

**Solution:** A new check has been added that will add only valid ejb jar to the application.xml.

**Defect ID** 234026  
**Case ID** 00237463  
**Description** When a user performs the following sequence of actions, the system displays the tasks of all the waves:

1. Creates a shipment, includes in wave W1, and releases the wave.
2. Creates a shipment, includes in wave W2, and releases the wave.
3. Logs into Sterling Application Console and views the wave summary for W1.
4. Navigates to the "Wave Summary" screen and clicks "No Of SKUs" hyperlink.

**Defect ID** 234058  
**Case ID** 00217532  
**Description** When a user performs the following sequence of actions, the system does not allow a user to associate a Location Size Code to the user:

1. Configures more than 75 Location Size Codes for node N1.
2. Configures more than 75 Location Size Codes for node N2.
3. Creates an equipment type for N1 and associates one of the location size code created in step 1.

**Defect ID** 234066  
**Case ID** 00215637  
**Description** When a user performs the following sequence of actions, the system must consider an LPN label scanned in the 'Case/SKU' entry as printed label and should not prompt a message for entering the UOM of an item:

1. Creates a Purchase Order (PO) for an item.
2. Clicks the 'Report/Record Receipt' action to start the receipt for the order created in step 1.
3. Prints the LPN labels for the PO.
4. Generates LPN labels for the PO by selecting "Print Case/Pallet LPN" menu.
5. Logs in to Sterling Mobile Application and selects the Receive Activity.
6. Scans the PO and Location during receiving.
7. Scans the printed LPN label in the Case/SKU entry screen.

**Defect ID** 234067  
**Case ID** 00215829

**Description** When the following conditions are met, the system must consider a single-SKU LPN pick as a full LPN pick and should not prompt a message for entering the SKU details.

- If the "Apply license plates during picking" is enabled for the task type.
- If the picked LPN is a system-suggested LPN for the task.
- If the quantity of the LPN is less than or equal to the quantity of the task.

**Defect ID** 234172

**Case ID** 00228842

**Description** There should be a provision to prevent the system from creating pallet containers during pre-pick system containerization for a parcel shipment that has an item with 'PALLET' as an alternate Unit of Measure (UOM) configured.

**Solution:** A new property "yfs.prevent.palletlabel.for.parcelshipment.tasktypelist" has been provided. A user must configure this property with the list of comma separated task types to prevent the system from generating pallet labels. If the task for which the containers are being created is associated to this task type list, the system will not generate pallet labels for the same.

**Defect ID** 234617

**Case ID** 00241111

**Description** The consolidateToShipment API does not propagate special services from order to shipment.

**Defect ID** 234737

**Case ID** 00241636

**Description** When a user performs the sequence of actions described here, the application throws a concurrent modification exception error:

1. Configures two locations in a forward pick zone such that one of the locations has a smaller location size code than the other.
2. Ensures that a wave with three shipment lines with one item each exists such that when all the items are arranged in an alphabetical order, the item that comes first cannot fit in the location with the smaller size code because of one its dimensions. (However, this item can fit in the location with the larger size code. Also, all the other items can fit in the location with the smaller size code.)
3. Releases the wave.

**Defect ID** 234760

**Case ID** 00242429

**Description** The consolidateToShipment API does not consolidate order releases to a shipment based on the special services of the order release.

**Defect ID** 234939

**Case ID** 00241990

**Description** The application must support the "ON\_SUCCESS" event for the CANCEL\_TO\_SHIPMENT transaction of transfer order.

**Defect ID** 234977

**Case ID** 00242929

**Description** The consolidateToShipment API does not populate an extended attributes from an order to shipment.

**Defect ID** 235010

**Case ID** 00243545

**Description** The system should have a provision to replenish a dedicated location to the maximum quantity and rounded off to an alternate Unit of Measure (UOM) for an item during demand-based replenishment.

**Solution:** The MODIFICATION TYPE filter has been added to filter those records that do not contain the modification type value. The SKU Location Dedication configuration is enhanced to configure the minimum quantity and maximum quantity for the dedicated item. The Pick Location Assignment (PLA) configuration is enhanced to configure "Replenish the locations up to max quantity for dedicated items".

When a SKU dedicated location is set up with maximum quantity and "Replenish the locations up to max quantity for dedicated items" is enabled in PLA and round off to alternate UOM is configured in Replenishment Strategy, the system replenishes a dedicated location to the maximum quantity with round off for an item during demand-based replenishment.

**Defect ID** 235012

**Case ID** 00243551

**Description** When the following conditions are met, the system must consider a single-SKU and LPN pick as a full LPN pick, and the system should not prompt a message for entering the SKU details.

- If the "Apply license plates during picking" is enabled for the task type
- If the picked LPN has the same SKU and quantity as the system-suggested LPN for the task.
- If the quantity of the LPN is less than or equal to the quantity of the task.

**Defect ID** 235198

**Case ID** 00239185

**Description** While configuring the Outbound Pick task type, the system does not provide an option to associate the resource to the task type.

## Hot Fix 9

Release 9.0-HF9

**Defect ID** 227128

**Case ID** Internal

**Description** The system should mark one of the quotes associated with an opportunity as the primary quote.

**Solution:** The system behavior is enhanced to identify the first quote created for an opportunity as a primary quote. There can be only one primary quote for each opportunity. If a user wants to change the primary quote to some other quote of an opportunity, the user has to call the manageOpportunity API.

**Defect ID** 227874

**Case ID** Internal

**Description** There is an event in order fulfillment that is raised whenever the status of an order is changed. This event is not exposed for quotes.

**Solution:** Factory setup has been provided so that the event is available for quotes.

**Defect ID** 227980

**Case ID** Internal

**Description** When browsing the entitlement screens in Sterling Business Center, the getEntitlementRuleList API writes input and output XMLs to the log file when the log\_level is in the INFO mode.

**Defect ID** 228855

**Case ID** Internal

**Description** The Item Details > Manage Attributes screen launches slowly when there are items with attributes that have 3000 allowed values.

**Solution:** A new API getAttributeallowedValueList has been introduced that returns a list of allowed attribute values for a given attribute. It also supports pagination to handle attributes with large number of allowed values.

**Defect ID** 229503

**Case ID** Internal

**Description** Various performance related fixes are made to enhance the performance of the manageEntitlementRule API when deleting the entire entitlement rules or when deleting the entitlement rule details with large number of entitlement details items.

**Defect ID** 229792

**Case ID** Internal

**Description** The getItemListForOrdering API performance is very slow when accessing items with assigned attributes that are configured to have more than 3000 allowed values.

**Defect ID** 230368

**Case ID** Internal

**Description** The Search Catalog Index incremental build does not update the facet list (attributes marked to be used for filter) correctly. Only facets for items that are changed are included. Facets for items that have not been updated are not included in the facet list after an incremental build.

**Defect ID** 230671

**Case ID** Internal

**Description** It is necessary to limit attribute allowed values returned/shown on the Web Channel user interface.

**Solution:** The searchCatalogIndex API is enhanced to return the number of assigned attribute values per facet based on the business rule "Number of Assigned Attribute Values To Display For Search Facets". This is a catalog organization level rule and the default value is 8.

**Note:** Note: The requisite information has been updated in the Section "Defining Catalog Rules" of the Selling and Fulfillment Foundation: Catalog Management Configuration Guide.

**Defect ID** 230956  
**Case ID** Internal  
**Description** Data security has been added to the manageEntitlementRuleAssignment API and removed from the getEntitlementRuleList and getAssignedEntitlementList APIs.

**Defect ID** 231206  
**Case ID** Internal  
**Description** The getItemDetails and getCategoryDetails APIs do not return the TotalNumberOfRecords attribute under the <AttributeAllowedValueList> element if the <AttributeAllowedValue> element is removed from the output template.

**Defect ID** 231507  
**Case ID** Internal  
**Description** Performance improvement fixes are made to the searchCatalogIndex API, building of catalog index, and loading of catalog index cache when a catalog contains attributes more than 3,000 allowed values.

**Defect ID** 232435  
**Case ID** Internal  
**Description** Users with login IDs that have 40 to 50 characters are unable to log in to the system when the installation rule "Allow the display user ID to be used across enterprises" is turned off.

**Defect ID** 232510  
**Case ID** 00232813  
**Description** When an item attribute is associated with a value using manageItem API, the system takes too long for validating if this is an allowed value for that attribute.

**Solution:**This validation is made optional with the help of the "ValidateAdditionalAttributeValues" API flag. For more details about this flag, please refer to the *Selling and Fulfillment Foundation: Javadocs* of the manageItem API.

**Defect ID** 233186  
**Case ID** Internal

- Description** In Sterling Business Center, the following screens launch slowly:
- Pricing Administration module
    1. 1.Pricelist Summary
    2. 2.Pricing Rule Details
    3. 3.Coupon Details
  - Item Administration module - If there are text attributes with large number of allowed values, the following screens launch slowly:
    1. 1.Manage Properties in attribute management
    2. 2.Manage Attribute Values for an item
    3. 3.Manage Attribute Assignment for category in catalog management

**Solution:**

The Pricing Administration module has been enhanced to improve the performance of the screen.

The Item Administration module has been enhanced to improve the performance of the screen. Additionally, the following screens have been modified:

- Manage Properties - The allowed values are displayed in a grid with pagination support.
- Manage Attribute Values and Manage attribute assignment –
  - For a text attribute with less than or equal to 30 allowed values, the values are displayed in a drop down.
  - For a text attribute with more than 30 allowed values, a text field with a lookup icon is displayed. This lookup icon can be used to launch the allowed value search pop-up window from which the user can select the values.

## Hot Fix 8

Release 9.0-HF8

**Defect ID** 228894

**Case ID** 00197160

- Description** The following columns must be resized:
1. In the YFS\_USER table, the DISPLAY\_USER\_ID column must be increased to 150 bytes.
  2. In the YFS\_ITEM table, the SHORT\_DESCRIPTION column must be increased to 200 bytes
  3. In the YFS\_ITEM table, the DESCRIPTION column must be increased to 1000 bytes.
  4. In the YFS\_ORDER\_KIT\_LINE, YFS\_ORDER\_LINE, and YFS\_SHIPMENT\_LINE tables, the corresponding mappings of the item table must be resized.

After applying this hot fix, the behavioral changes are as follows:

1. The application supports creation of Login IDs up to 150 characters when the installation rule "Allow the display user ID to be used across all enterprises" is enabled.
2. The user interface in Sterling Business Center and the Applications Manager do not support the resized columns.
3. Users with login ID length between 40 and 50 characters cannot log in to the application.

**Defect ID** 231308

**Case ID** 00218452

**Description** When the changeOrder API is invoked, line adjustments overridden by the YPMOverrideGetOrderPriceUE are not reflected on the order.

**Defect ID** 231956

**Case ID** 00229459

**Description** When a user performs the following sequence of actions, the user is not able to save the changes to the Runtime properties for LOADHISTPRG agent criteria as it points to the wrong flow key LOADPRG:

1. Launches the Applications Manager.
2. Navigates to Applications > Platform > Process Modeling > Load > Load Execution > Transactions > Purge Load History > Time Triggered > LOADHISTPRG details.
3. Modifies the Runtime properties.
4. Saves the changes.

The error message, "record already exists in the database" is displayed.

## Hot Fix 7

Release 9.0-HF7

**Defect ID** 216937

**Case ID** Internal

**Description** After creating and packing a shipment, when a user navigates to the "Container Details" screen, the details corresponding to the "Qty" and "Packed qty" fields are shifted to the left of the column.

**Defect ID** 216941

**Case ID** Internal

**Description** When a user runs the CREATE\_WAVE\_SHIP\_GROUP agent, the system displays an "ORA-1841" error message.

**Solution:** Query should not have SYSDATE in quotes.

**Defect ID** 216945

**Case ID** Internal

**Description** After creating and packing a shipment, when a user navigates to the "Container Details" screen, the "Description" field is not populated in the "Container Details" screen.

**Defect ID** 219616

**Case ID** Internal

**Description** When a user performs the following sequence of actions, in the "Adjustment Cost" screen the adjustment quantity and adjustment cost are displayed incorrectly:

1. Logs in to the Selling and Fulfillment Foundation application.
2. Navigates to the "Adjust Location Inventory" screen.
3. Enters the reason code and quantity to adjust.
4. Clicks "Adjustment Cost" button in the "Quantity" panel.

**Defect ID** 224666

**Case ID** 00191982

**Description** Catalog Search must be enhanced for handling customer entitlement rules with large number of individual items.

**Solution:** In Release 9.0, entitlement rules can support a large number of individual items. To support entitlement rules that include large numbers of items, the index building functionality for the Catalog Search has been enhanced.**Changed Behavior Between 9.0 and Earlier Releases:**

If individual items are included in existing entitlement rules, the Catalog Search index must be rebuilt. After the index is rebuilt, it contains a list of primary keys of the entitlement rule details to which an item entity belongs.

**Known Issues:** When entitlement rules have large number of items and getAssignedEntitlementList and manageEntitlementRule APIs are called with default output templates, application server crashes.

**Workaround:** Remove the EntitlementRuleDetailItem element from the output template of the getAssignedEntitlementList and manageEntitlementRule APIs.

**Note:** Note: The requisite information has been updated in the Section "Extending a Catalog Search" of the Selling and Fulfillment Foundation: Extending the Database Guide and Section "Catalog Index Building" of the Catalog Management Concepts Guide.

**Defect ID** 229955  
**Case ID** Internal  
**Description** When a user performs the following sequence of actions, the system throws a null pointer exception:

1. Creates an inbound order.
2. Creates an inbound shipment.
3. Creates a load for the shipment without a load stop.
4. Purges the order.
5. Calls the changeshipment API or marks the shipment as delivered.

**Defect ID** 230447  
**Case ID** 00218121  
**Description** When a user performs the following sequence of actions, the system displays an "YFS10379: Template not found" error message while raising an event and the transaction rolls back:

1. Configures the Routing Guide rules.
2. Configures the ON\_SUCCESS event for the ROUTE\_SHIPMENT.0001 transaction.
3. Creates an outbound shipment and moves the shipment to 'Awaiting Routing' status.
4. .Executes the ROUTE\_SHIPMENT.0001 transaction.

## Hot Fix 6

Release 9.0-HF6

**Defect ID** 227209  
**Case ID** 00166855  
**Description** An enhancement should be provided so that a user can configure the 'Wave Size Constraint' on 'Number of Shipment Lines'.



<b>Defect ID</b>	228936
<b>Case ID</b>	Internal
<b>Description</b>	During a hot fix installation, the factory setup installation during the hot fix installation does not honor the LOAD_FACTORY_SETUP property in sandbox.cfg.
	<b>Solution:</b> If the LOAD_FACTORY_SETUP property in sandbox.cfg is set to 'false', the factory setup will not be installed during the hot fix installation.
<b>Defect ID</b>	219771
<b>Case ID</b>	Internal
<b>Description</b>	When a document processing is in progress the system displays "Not able to get a Connection" SQLException error message.
<b>Defect ID</b>	230574
<b>Case ID</b>	00220795
<b>Description</b>	When the manageEntitlementRuleAssignment API is invoked the system throws "API Security Violation" error message, when the api.security.enabled property is set to 'Y'.
<b>Defect ID</b>	230648
<b>Case ID</b>	Internal
<b>Description</b>	The information about configuring the 'Wave Size Constraint' on 'Number of Shipment Lines' must be provided in the <i>Sterling Warehouse Management System: Configuration Guide</i> .
	<b>Solution:</b> The requisite information has been included in the "Defining Wave Size Constraints" and "Creating Wave Size Constraints" topics of the <i>Sterling Warehouse Management System: Configuration Guide</i> .

## Hot Fix 5

Release 9.0-HF5

<b>Defect ID</b>	213579
<b>Case ID</b>	Internal
<b>Description</b>	The information about both Oracle 10g and 11g being supported on a single node or 2 Node RAC environment must be removed from Sections 5.2.3, "Using an Oracle Database Server" and 6.5.3, "Using an Oracle Database Server (Windows)" of the <i>Selling and Fulfillment Foundation: Installation Guide</i> .
	<b>Solution:</b> The <i>Selling and Fulfillment Foundation: Installation Guide</i> has been updated with the requisite information.
<b>Defect ID</b>	224623
<b>Case ID</b>	Internal
<b>Description</b>	The application must be enhanced to support the 'Stacked Column 3D Line Dual Y' combination charts in the YFCChartTypes class.
<b>Defect ID</b>	225152
<b>Case ID</b>	Internal

<b>Description</b>	<p>The link to Section 4.2.6, "Defining Transactions" is not working in the following documents:</p> <ul style="list-style-type: none"> <li>• Catalog Management: Configuration Guide</li> <li>• Sterling Distributed Order Management: Configuration Guide</li> <li>• Sterling Global Inventory Visibility: Configuration Guide</li> <li>• Sterling Logistics Management: Configuration Guide</li> <li>• Sterling Reverse Logistics: Configuration Guide</li> <li>• Sterling Supply Collaboration: Configuration Guide</li> <li>• Sterling Warehouse Management System: Configuration Guide</li> </ul> <p><b>Solution:</b> In all these documents, the link has been deleted and reference to the "Defining Transactions" section of the <i>Selling and Fulfillment Foundation: Application Platform Configuration Guide</i> has been provided.</p>
<b>Defect ID</b>	227207
<b>Case ID</b>	00169626
<b>Description</b>	<p>An additional screen must be provided in the "Shipping Pallet Build" activity screen of the Sterling Mobile Application to display the shipment that is built through the shipping pallet build activity.</p>
<b>Defect ID</b>	227208, 229061
<b>Case ID</b>	00191262
<b>Description</b>	<p>The application must be enhanced to support 6 new Check Digit Algorithms.</p> <p><b>Solution:</b> The application has been enhanced to support 6 new Check Digit Algorithms.</p> <p>The requisite information has been included in the "Configuring Shipping" topic of the <i>Sterling Warehouse Management System: Configuration Guide</i>.</p>
<b>Defect ID</b>	227898, 229062
<b>Case ID</b>	00206044
<b>Description</b>	<p>The application must be enhanced to allow a user to generate the PRO Number without any Check Digit Algorithm.</p> <p><b>Solution:</b> A user can select the "NO CHECK DIGIT" option to generate the PRO Number without any Check Digit.</p> <p>The requisite information has been included in the "Configuring Shipping" topic of the <i>Sterling Warehouse Management System: Configuration Guide</i>.</p>
<b>Defect ID</b>	228435
<b>Case ID</b>	Internal
<b>Description</b>	<p>The copyright statement in the minified javascript files of the Sterling Business Center is incorrect.</p>
<b>Defect ID</b>	230032
<b>Case ID</b>	Internal
<b>Description</b>	<p>All the documents provided in this hot fix must be updated with the new logo.</p> <p>For the entire set of documents that have new logo go to;  <a href="http://www.sterlingcommerce.com/Documentation/MCSF90/PDFs.htm">http://www.sterlingcommerce.com/Documentation/MCSF90/PDFs.htm</a>.</p>

# Hot Fix 4

Release 9.0-HF4

**Defect ID** 215057  
**Case ID** Internal  
**Description** While starting the application server for Sterling Web Channel application, catalog information is cached into the memory during initialization. When the number of allowed values for the attributes that are used for filtering is very high, system memory consumption increases and it may run out-of-memory.

**Solution:** To avoid the out-of-memory issue support for a disk persistent caching mechanism called EhCache has been provided.

For more information refer the "Configuring Cache for Catalog Search Index" topic of the *Selling and Fulfillment Foundation Properties Guide*.

**Defect ID** 223084  
**Case ID** Internal  
**Description** The hidden variables are getting displayed in the User Interface on multi select API screen.

**Defect ID** 223504  
**Case ID** Internal  
**Description** When the "StationID" information is passed in the input of the addToContainer API, the system does not pass the information to the following events:

- ON\_SHIPMENT\_PACK\_COMPLETE
- ON\_SHIPMENT\_PACK\_PROCESS\_COMPLETE
- ON\_CONTAINER\_PACK\_COMPLETE
- ON\_CONTAINER\_PACK\_PROCESS\_COMPLETE
- ON\_SUCCESS

**Defect ID** 223513  
**Case ID** Internal  
**Description** When a user receives a serialized item against a shipment with expected segment and segment type information, the system displays "Inventory for the SKU does not exist in the location or case/pallet to perform the inventory operation" error message.

**Defect ID** 225144  
**Case ID** Internal  
**Description** The *Selling and Fulfillment Foundation: Product Concepts Guide* must be updated with the information about order taxes modification.

**Solution:** The requisite information has been included in the "Invoicing" topic of the *Selling and Fulfillment Foundation: Product Concepts Guide*.

**Defect ID** 225148  
**Case ID** Internal

<b>Description</b>	<p>The <i>Selling and Fulfillment Foundation: Installation Guide</i> must be updated with the information about runtime utilities.</p> <p><b>Solution:</b> The requisite information has been updated in the <i>Selling and Fulfillment Foundation: Installation Guide</i>.</p>
<b>Defect ID</b>	225639
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Sterling Application Manager User Interface must support addition of new resources under the Applications &gt; Application Platform &gt; Presentation &gt; Resources for the Sterling applications that are built on the Sterling Foundation.</p>
<b>Defect ID</b>	226598
<b>Case ID</b>	Internal
<b>Description</b>	<p>The reference implementation of the YCDGetAppeasementOffersUE user exit in Sterling Call Center and Sterling Store must be enhanced to make the appeasement offer lists configurable. These lists are displayed in the “Appeasement Offer” screen.</p> <p><b>Solution:</b> A new “ycd_appeasement_variable.properties” file has been added. The reference implementation of the YCDGetAppeasementOffersUE user exit has been enhanced to read the values of different offer types that must be from the “ycd_appeasement_variable.properties” file. The following properties are available:</p> <ul style="list-style-type: none"> <li>• FLAT_AMOUNT_ORDER=20</li> <li>• PERCENT_ORDER=12</li> <li>• PERCENT_FUTURE_ORDER=15,20,25</li> <li>• YCD_PREFERRED=PERCENT_FUTURE_ORDER</li> <li>• VARIABLE_AMOUNT_ORDER=Y</li> </ul> <p><b>Note:</b> If there are multiple values for an offer type, they must be separated by a comma, for example, PERCENT_FUTURE_ORDER=15,20,25. The value of the YCD_PREFERRED property determines which offer type must be displayed as the default offer in the “Appeasement Offer” screen.</p> <p>If VARIABLE_AMOUNT_ORDER=Y, the appeasement type will be displayed in the “Appeasement Offer” screen.</p> <p>If a user does not want any offer type, the user must set the value of the corresponding appeasement offer type properties as blank. However, must ensure that no property is removed or commented out.</p>
<b>Defect ID</b>	227093
<b>Case ID</b>	Internal

**Description** When a user performs the following sequence of actions, the system creates a credit memo with an incorrect discount amount:

1. Uses the implementation of YCDGetAppeaseOfferUE provided in the reference implementation.
2. Searches for an Order that is eligible for appeasement, and the Order Total is \$100.
3. Clicks on "Customer Appeasement" from the Related Task panel.
4. Selects the "Select Specific Lines for Appeasement" option.
5. Selects a line with LineTotal as \$50 and clicks Next.
6. Select the "PERCENT\_ORDER" type Appeasement, 10% on the Order Total that is \$5.
7. Clicks Next.
8. Clicks on the "View All Invoices" task and opens the Credit Memo created in Step 6.

The Credit Memo is created for the \$10 instead of \$5.

**Defect ID** 227417  
**Case ID** 00205783

**Description** When a user runs the Configuration Deployment Tool (CDT), it does not show any differences for the YFS\_GRAPH\_UI table for certain records that have graph type as 'EventCondition'.

**Defect ID** 227513  
**Case ID** Internal

**Description** When the following conditions are met, the releaseMoveRequest API throws 'Class Cast' exception;

1. Configures an item I1 with UOM as EACH.
2. Configures an alternate UOM as Case for the above item with conversion quantity as 8.
3. Configures zone Z1 with location L1 associated with size code S1 having capacity constraint as 10 each.
4. Configures the putaway preference that points to the above configured zone.
5. Adjusts 2 quantities of I1 in location L1.
6. Adjusts 8 quantities of I1 in another location.
7. Creates a move request for item I1 for 8 quantities from the location L1.
8. Releases the move request.

## Hot Fix 3

Release 9.0-HF3

**Defect ID** 217612  
**Case ID** Internal

**Description** When the system test is run for more than 6 hours and automation tests are run on the Sterling Call Center and Sterling Store client for tasks such as the create order, cancel order, order search, item search, and so on, the application server crashes due to a null template being passed.

**Defect ID** 218097  
**Case ID** Internal

<b>Description</b>	<p>When the verifyAddress API is called using the default implementation of the YCDVerifyAddressWithAVSUE user exit and the verifyAddressWithAVS.xml template, the "IsCommercialAddress" and "AddressID" attributes are not returned in the output XML of the API because these attributes are not processed by the user exit.</p> <p><b>Solution:</b> The "AddressID" and "IsCommercialAddress" attributes have been added to the verifyAddressWithAVS.xml template.</p>
<b>Defect ID</b>	218667, 218671, 218672
<b>Case ID</b>	Internal
<b>Description</b>	<p>A security issue has been identified that may allow a cross-site scripting (XSS) attack in the Sterling Selling and Fulfillment Suite.</p> <p><b>Solution:</b> This security issue has been rectified in this hot fix.</p>
<b>Defect ID</b>	219063
<b>Case ID</b>	Internal
<b>Description</b>	<p>The URL of the labels is not returned in the output XML of the following APIs even when the "PrinterType" field is configured as Client on the AgileElite shipment server:</p> <ul style="list-style-type: none"> <li>• reprintCarrierLabel</li> <li>• addContainerToManifest</li> <li>• getTrackingNoAndPrintLabel</li> </ul> <p><b>Solution:</b> The "PierbridgeLabelURL" attribute, that is used to determine the URL of the labels, is returned in the output of the APIs mentioned above.</p>
<b>Defect ID</b>	223830
<b>Case ID</b>	Internal
<b>Description</b>	<p>A user is not able to retrieve any records from a Data Access Policy enabled table, if 'RememberMe' or 'Anonymous' user feature is enabled.</p> <p><b>Solution:</b> The SQL construction for 'Anonymous' user has been restructured, so that the SQL is formed correctly when the 'RememberMe' feature is enabled.</p>
<b>Defect ID</b>	224615
<b>Case ID</b>	00193324
<b>Description</b>	<p>If there are a large number of locations with many capacity constraints defined, the system takes a long time to create putaway tasks.</p>
<b>Defect ID</b>	224916
<b>Case ID</b>	00195975
<b>Description</b>	<p>When a user attempts to pick multiple pallets that are received for putaway to various locations, a "No Open Task For the Pallet" error is thrown when a user enters or scans a different Pallet ID with a different task type than the one populated in the Sterling Mobile Application.</p>
<b>Defect ID</b>	226575
<b>Case ID</b>	Internal

**Description** The *Catalog Management: Concepts Guide* must be updated with a recommendation to use item-based entitlements to exclude a small set of items.

**Solution:** The requisite information has been included in the topic "Customer Entitlement Rules" of the *Catalog Management: Concepts Guide*.

**Defect ID** 224687

**Case ID** CInternal

**Description** The *Selling and Fulfillment Foundation: Extending the Database Guide* must be updated with the information about the unsupported extending database.

**Solution:** The requisite information has been updated in the *Selling and Fulfillment Foundation: Extending the Database Guide*.

## Hot Fix 2

Release 9.0-HF2

**Defect ID** 217536

**Case ID** 00162974

**Description** If an enterprise inherits configuration from another enterprise, the child enterprise will also inherit customer entitlements from the parent enterprise. The assignment of customer entitlements to customers must happen at the same enterprise level.

**Defect ID** 217837

**Case ID** 00165037

**Description** If an organization is inheriting configuration from another organization and the child organization is a catalog organization, the child organization cannot configure and use its own customer entitlement rules. It can only use the customer entitlement rules that the parent has configured, if the parent organization is a catalog organization.

**Solution:** Organizations can inherit customer entitlement rules from other enterprises. To enable inheritance by enterprises of customer entitlement rules, ensure that the Inherit Configuration from Enterprise option is selected in the Selling and Fulfillment Foundation Platform application. If you enable this feature and are upgrading from an earlier release in which customer entitlement rules were configured by a child enterprise, the child enterprise's customer entitlement rules are no longer available in Business Center.

**Defect ID** 217838

**Case ID** 00165062

**Description** Buyer users do not have the rights to order on behalf of customers from other divisions and storefronts.

**Solution:** The data access policy for buyer users has been enhanced to allow the assignment of buyer users to a set of customers or to a set of customers and child customers. This type of buyer user customer assignment allows customers to place orders on behalf of other customers. For more information refer to the section "Customer Management", in the *Selling and Fulfillment Foundation: Product Concepts Guide*.

**Defect ID** 217840

**Case ID** 00165065  
**Description** Customer cannot search the catalog for a product that has two different SKUs.

**Solution:** The index building process for the catalog search feature has been enhanced to allow the retrieval of attribute information from external sources. Additionally, the searchCatalogIndex API has been enhanced to allow retrieval of stored attribute information from the index file directly.

**Defect ID** 217841  
**Case ID** 00165072  
**Description** Customers can use only the data access rules provided by Selling and Fulfillment Foundation.

**Solution:** Selling and Fulfillment Foundation provides the following new user exits that allow you to use your own data access rules instead of the Selling and Fulfillment Foundation access rules:

- YSCGetExternalDataAccessPolicyOnReadUE
- YSCShouldAccessPolicyBeAppliedOnUpdateUE

**Defect ID** 218057  
**Case ID** Internal  
**Description** The Consolidate Additional Inventory Agent occasionally crashes due to memory leaks.

**Defect ID** 218656  
**Case ID** Internal  
**Description** Null Pointer exceptions are encountered in the Sterling Web Channel and Sterling Multi Channel Fulfillment Suite application servers when a test is run for long duration.

**Defect ID** 218991  
**Case ID** Internal  
**Description** The Data security functionality must not be exposed unless it is required by the customers.

**Defect ID** 219133  
**Case ID** Internal  
**Description** When a user performs the following sequence of actions, the system does not allow a different receivingNode other than the one in the release line:  
1. 1.Creates an order with a released order line having Node1 as the receivingNode.  
2. 2.Calls the createShipment API to create a shipment and sets the receivingNode of the shipment line to Node2.

**Solution:** The 'OverrideReceivingNode' attribute has been exposed for the createShipment API. If OverrideReceivingNode='Y' is passed, the system will pass different receiving nodes from that of the release line while creating the shipment. The node that is passed must be a valid node.

**Defect ID** 219211  
**Case ID** Internal



<b>Description</b>	<p>When a user performs the following sequence of actions, the createShipment API displays a null pointer exception:</p> <ol style="list-style-type: none"> <li>1. Creates two orders with different SellerOrganizationCodes. The orderLines of these orders must not have any Receiving Nodes.</li> <li>2. Schedules an order and releases it.</li> <li>3. Creates a shipment and includes both the orders. Pass OverrideReceivingNode="Y" at the shipment level</li> </ol> <p><b>Solution:</b> The OverrideReceivingNode flag has been exposed. If OverrideReceivingNode="Y" is passed at the shipment level the createShipment API does not throw null pointer exception.</p>
<b>Defect ID</b>	219418
<b>Case ID</b>	Internal
<b>Description</b>	In the Business Center, the 'Customer' search pop-up window do not display the list of customers that does not have the 'Bill To Address' information.
<b>Defect ID</b>	219443
<b>Case ID</b>	Internal
<b>Description</b>	The Release Order agent stops processing after running for a while and locks the YFS_INVENTORY_ITEM table.
<b>Defect ID</b>	219649
<b>Case ID</b>	Internal
<b>Description</b>	If the getPage API is called simultaneously by multiple threads, the getPage API sporadically throws NullPointerException.
<b>Defect ID</b>	219737
<b>Case ID</b>	Internal
<b>Description</b>	When a user runs the order purge agent it does not process the orders correctly if the purge agent is run before the actual available date for that order. The Order Release Status records get purged but the order never gets purged.
<b>Defect ID</b>	219928
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the YFS_INVENTORY data is not getting purged:</p> <ol style="list-style-type: none"> <li>1. Sets up inventory purge agent.</li> <li>2. Sets records in the YFS_INVENTORY table that are in purgeable status.</li> <li>3. Runs the inventory purge agent.</li> </ol>
<b>Defect ID</b>	220143
<b>Case ID</b>	Internal
<b>Description</b>	During the application system test run, the agents display "weblogic.jms.common.AlreadyClosedException".
<b>Defect ID</b>	220514
<b>Case ID</b>	Internal
<b>Description</b>	The entity framework must be enhanced to set the time out session on the MS SQL queries while creating the return record queries.

<b>Defect ID</b>	221120
<b>Case ID</b>	00178229
<b>Description</b>	When a user uses jvmRoute in jboss for session stickiness, the application throws an error about non-conformed JSESSIONID because of the appended jvmRoute to JSESSIONID.
<b>Defect ID</b>	221473
<b>Case ID</b>	Internal
<b>Description</b>	The CacheManager throws a NullPointerException.
<b>Defect ID</b>	221476
<b>Case ID</b>	Internal
<b>Description</b>	The StuckThread exception is thrown if many users try to log in to the Sterling Web Channel application concurrently.
<b>Defect ID</b>	221671
<b>Case ID</b>	00180360
<b>Description</b>	When a user creates a move request at the LPN level, the system does not consider the capacity constraints of the location that are defined.
<b>Defect ID</b>	221940
<b>Case ID</b>	00180419
<b>Description</b>	The system must honor the trigger percentage configured at the zone level during putaway, if the zone is configured under the putaway preferences.
<b>Defect ID</b>	221941, 223400
<b>Case ID</b>	00180414
<b>Description</b>	The system must pass the Inventory Type, Original Inventory Type, Putaway Quantity, and Hold Quantity attributes in the WMScanLocationBeSuggestedUE user exit during putaway.
<b>Defect ID</b>	222108
<b>Case ID</b>	00182969
<b>Description</b>	The system fails to release a Move Request for multi-SKU Pallet Putaway to a location that has location capacity constraints defined.
<b>Defect ID</b>	222401
<b>Case ID</b>	00184299
<b>Description</b>	After completing the first-step putaway tasks, the system does not correctly stamp the "Task Type" for the second-step putaway tasks.
<b>Defect ID</b>	223092
<b>Case ID</b>	00180419
<b>Description</b>	The <i>Sterling Warehouse Management System: Configuration Guide</i> must be updated with the information that system must not honor the trigger percentage configured at the zone level during putaway, if the zone is configured under the putaway preferences.
	<b>Solution:</b> The requisite information has been included in the Chapter, "Configuring Warehouse Layout ", in the <i>Sterling Warehouse Management System: Configuration Guide</i> .

# Hot Fix 1

Release 9.0-HF1

<b>Defect ID</b>	212725
<b>Case ID</b>	Internal
<b>Description</b>	<p>In the <i>Selling and Fulfillment Foundation: Properties Guide</i>, the description of the <code>property.security.propertyencrypter.class</code> incorrectly uses the form “.encrypted” instead of “encrypted:” in the following sentence:</p> <p>Properties starting with “.encrypted” are automatically decrypted at run-time.</p> <p><b>Solution:</b> The sentence has been corrected, as follows:</p> <p>Properties starting with “encrypted:” are automatically decrypted at run-time.</p>
<b>Defect ID</b>	213147
<b>Case ID</b>	Internal
<b>Description</b>	<p>The <i>Selling and Fulfillment Foundation: Secure Deployment Guide</i> is missing required JAR names in the client side CLASSPATH in the section, “Securing JMS Queues”.</p> <p><b>Solution:</b> Required JAR names have been added to the client side CLASSPATH in the section, “Securing JMS Queues”.</p>
<b>Defect ID</b>	214224
<b>Case ID</b>	Internal
<b>Description</b>	<p>The <i>Catalog Management Concepts Guide</i> is missing information about models, configurable items, and preconfigured items, and how they relate to kit items.</p> <p><b>Solution:</b> The <i>Catalog Management Concepts Guide</i> now contains a section about “Models, Configurable Items, and Preconfigured Items,” and how they relate to kit items.</p>
<b>Defect ID</b>	214698
<b>Case ID</b>	Internal
<b>Description</b>	<p>In case of negative inventory adjustments in an adjustment sequence, the inventory audits are incorrectly updated when one of the locations in the sequence is a virtual location. For example, if five units are removed from the inventory when the initial supply quantity is zero, the supply is incorrectly updated as +5 instead of -5.</p>
<b>Defect ID</b>	215235
<b>Case ID</b>	Internal
<b>Description</b>	<p>The <i>Selling and Fulfillment Foundation: Performance Management Guide</i> is missing information about tuning guidelines for the Sterling Web.</p> <p><b>Solution:</b> The <i>Selling and Fulfillment Foundation: Performance Management Guide</i> has a new Chapter 26, “Sterling Web Tuning Guidelines,” that describes API security, application server heap sizing, optimizing static content, and enabling compression.</p>

<b>Defect ID</b>	215253
<b>Case ID</b>	Internal
<b>Description</b>	After reconfiguring a physical kit on an order in pending change mode, subsequent modifications to the line in pending change mode will throw a "Line not found" error.
<b>Defect ID</b>	215486
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Selling and Fulfillment Foundation: Performance Management Guide</i> that is compiled as part of context-sensitive help is out-of-sync with the content in the PDF, which is available on both the Online Library ( <a href="http://www.sterlingcommerce.com/Documentation/MCSF90/homepage.htm">http://www.sterlingcommerce.com/Documentation/MCSF90/homepage.htm</a> ) and the DVD.
	<b>Solution:</b> Both formats of this manual are now in sync and contain the same content.
<b>Defect ID</b>	215607
<b>Case ID</b>	Internal
<b>Description</b>	In a hierarchy of categories, when an item belongs to a child category of an unpublished category, the item displays in Sterling Web. In this scenario, the item should not display.
<b>Defect ID</b>	215619
<b>Case ID</b>	Internal
<b>Description</b>	When an item belongs to two categories, if one category is published and the other category is not published, the item will appear while browsing the parent category of the unpublished category.
<b>Defect ID</b>	215680
<b>Case ID</b>	Internal
<b>Description</b>	In the <i>Selling and Fulfillment Foundation: Customizing APIs Guide</i> , Section 5.2 contains a note with an incorrect path name for providing the <code>template.api</code> file during service definition.
	<b>Solution:</b> The note now contains the correct path name.
<b>Defect ID</b>	215735
<b>Case ID</b>	Internal
<b>Description</b>	In the Local Documentation Library, the topic title, "Configuring the Look and Feel of the Sterling Mobile Application" of the <i>Customizing User Interfaces for Mobile Devices</i> is incorrect.
	<b>Solution:</b> The topic title has been changed to "Configuring the Sterling Mobile Application User Interface Components".
<b>Defect ID</b>	215778
<b>Case ID</b>	Internal
<b>Description</b>	In the <i>Selling and Fulfillment Foundation: Product Concepts Guide</i> , Section 7.12.1 is missing information about item validation.
	<b>Solution:</b> Section 7.12.1 now contains a note with item validation information about unpublished and expired items, as well as items that cannot be sold separately.

<b>Defect ID</b>	215906
<b>Case ID</b>	Internal
<b>Description</b>	When a computed attribute is assigned to a category, the application incorrectly displays an editable "Value" field and permits a user to enter a value for this computed attribute in the "Value" field.
<b>Defect ID</b>	215964
<b>Case ID</b>	Internal
<b>Description</b>	In the <i>Selling and Fulfillment Foundation: Customization Basics Guide</i> , Section 5.3 contains a note with an incorrect path name for storing database extension files.
	<b>Solution:</b> The note now contains the correct path name.
<b>Defect ID</b>	216107
<b>Case ID</b>	Internal
<b>Description</b>	The application incorrectly permits a user to modify the values of attributes that inherit default values in the Manage Attribute Values screen, and save them even if the user does not click the Override hyperlink.
<b>Defect ID</b>	216373
<b>Case ID</b>	Internal
<b>Description</b>	In the <i>Selling and Fulfillment Foundation: Customization Basics Guide</i> , Section 5.2 contains a note with an incorrect path name for providing the template.xsl file during service definition.
	<b>Solution:</b> The note now contains the correct path name.
<b>Defect ID</b>	216384
<b>Case ID</b>	Internal
<b>Description</b>	When a user tries to add a date range for a price list and save the changes, the application displays an "Invalid Date Format" error message. The user can add a date range for a price list by clicking the Create hyperlink or by clicking the Set Date Based Prices option from the More Actions menu in the Price List Summary screen.
<b>Defect ID</b>	216457
<b>Case ID</b>	Internal
<b>Description</b>	The System Management Administrator (SMA) login page contains incorrect copyright information.
<b>Defect ID</b>	216483
<b>Case ID</b>	Internal
<b>Description</b>	When adding a configurable product without any configuration to an order in pending change mode, a "YFS: No Kit Lines Found" error is thrown.
<b>Defect ID</b>	216496
<b>Case ID</b>	Internal
<b>Description</b>	From the Business Center application, you cannot mark a derived attribute to be used for filtering.
<b>Defect ID</b>	216539

<b>Case ID</b>	Internal
<b>Description</b>	In the <i>Selling and Fulfillment Foundation: Application Platform Configuration Guide</i> , Section 5.3 is missing information. The section needs to state that Selling and Fulfillment Foundation does not support teams with organizations across colonies.
	<b>Solution:</b> Section 5.3 now contains a note clarifying that enterprises and nodes assigned to a team must belong to the same colony as the team owner or creator organization.
<b>Defect ID</b>	216549
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Business Center: Item Administration Guide</i> must be updated with information about the format of the URL context parameter value that is provided in the web.xml for Visual Modeler.
	<b>Solution:</b> The format of the URL context parameter value is updated in the topic, "Initial Configurations by System Administrators", of the <i>Business Center: Item Administration Guide</i> .
<b>Defect ID</b>	216553
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Business Center: Item Administration Guide</i> must be updated with information about the initial URL configuration setup used to preview the item details.
	<b>Solution:</b> The initial URL configuration setup information is added in the topic, "Configuration to Preview Item Details", in the <i>Business Center: Item Administration Guide</i> . Additionally, information about the YCMGetWebChannelItemPreviewURLUE user exit, which can also be implemented to preview the item details, is added in this topic.
<b>Defect ID</b>	216560
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Visual Modeler: Application Guide</i> should be updated with information that the storefront that is created using the Visual Modeler is meant only for model administration purposes. Additionally, in Chapter 44 "Creating Product Models", the steps that are provided to create a configurable product are incorrect.
	<b>Solution:</b> The Section "Storefront Administration" in Chapter 35 "Channel Administration", and Chapter 44 "Creating Product Models" of the <i>Visual Modeler: Application Guide</i> have been updated with the required information.
<b>Defect ID</b>	216634
<b>Case ID</b>	Internal
<b>Description</b>	When the getNodeInventory API returns inventory for multiple organizations, the Item element (under the path /NodeInventory/LocationInventoryList/LocationInventory/InventoryItem/) is not shown in the output XML.
<b>Defect ID</b>	216672
<b>Case ID</b>	Internal
<b>Description</b>	There is a performance issue in DB2 when the validateItemForOrdering API is called on a large order during BOM XML validation.

**Defect ID** 216674  
**Case ID** Internal  
**Description** The getInventorySnapShot API fails in a multischema environment with the error "ORA-00942: table or view does not exist".

**Defect ID** 216719  
**Case ID** Internal  
**Description** In the "Postponing Item Creation" section of the Sterling Warehouse Management System: Concepts Guide, the hyperlink provided for "Figure 10-1" is not working.

**Solution:** The hyperlink has been deleted and replaced with the text, "following figure:"

**Defect ID** 216744  
**Case ID** Internal  
**Description** If the Business Center application is deployed on the JBoss server in HTTPS mode, a session timeout error is thrown when you log in to the application for the first time.

**Defect ID** 216749  
**Case ID** Internal  
**Description** The *Business Center: Customization Guide* must be updated with information about setting up and configuring the extensibility environment for customizing the application.

**Solution:** Information about setting up and configuring the extensibility environment for customizing the application is added in the following new topics in the *Business Center: Customization Guide*:

- Setting Up the Customization Environment
- Customize Business Center Using Web UI Framework
- Deploying Web UI Framework Customization

**Defect ID** 216795  
**Case ID** Internal  
**Description** In the Sterling Warehouse Management System: Concepts Guide, under the "Enterprise in a warehouse" section, the word "SKUs" is spelt incorrectly as "skis".

**Solution:** The word "skis" has been changed to "SKUs".

**Defect ID** 216838  
**Case ID** Internal  
**Description** The JavaScript API documentation must be updated with the Business Center JavaScript API information.

**Solution:** The JavaScript documentation has been updated with the required information. For more information about the JavaScript API Documentation and the URL that can be used to access it, refer to the topic "Customize Business Center Using Web UI Framework" in the Business Center: Customization Guide.

**Defect ID** 216861

<b>Case ID</b>	Internal
<b>Description</b>	When a user performs a count task that is created at a Location or LPN level using the Mobile Application, the system suggests the same count task even after the user skips the task using the SKIP execution exception.
<b>Defect ID</b>	216864
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Business Center: Item Administration Guide must be updated with the following information:</p> <ul style="list-style-type: none"> <li>• Searchable and Distinct Attributes options cannot be selected for attributes that belong to a category.</li> <li>• Specification and For Comparison usages are exposed only when managing the Master Catalog.</li> <li>• For Filter usage must be used only for those attributes for which allowed values have been defined.</li> </ul> <p><b>Solution:</b> The required information is updated in the topic, "Assign a Usage to an Attribute in a Category", in the Business Center: Item Administration Guide.</p>
<b>Defect ID</b>	216867
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Business Center: Item Administration Guide must be updated with the following information:</p> <ul style="list-style-type: none"> <li>• For Comparison and For Filter purposes are not exposed when attributes are assigned to a classification.</li> <li>• For Comparison and For Filter purposes are not used for attributes that belong to a classification.</li> </ul> <p><b>Solution:</b> The required information is updated in the topic, "Assign a Usage to an Attribute in a Classification", in the Business Center: Item Administration Guide.</p>
<b>Defect ID</b>	216886
<b>Case ID</b>	Internal
<b>Description</b>	In case of Item Pick tasks, a record is created in the YFS_TRANSACTION_LOCK table upon scanning the Item Id in the "Scan Identifier" field at the Pack station. However, the record does not get deleted from the table if the user logs out of the application without packing.
<b>Defect ID</b>	216892
<b>Case ID</b>	Internal
<b>Description</b>	In Business Center, the customer search results does not display a customer created from the Sterling Field Sales application when an email address of the customer is used as the search criteria.
<b>Defect ID</b>	216913
<b>Case ID</b>	Internal
<b>Description</b>	You cannot rework a quote after the quote has been approved.
<b>Defect ID</b>	216973
<b>Case ID</b>	Internal



**Description** When the getNextTask API is called for a task type with the maximum number of users as 1, an SQL exception is thrown on DB2 database, and in Oracle the task is not suggested.

**Defect ID** 216990

**Case ID** Internal

**Description** The addLineToOrder API throws an "Allocated quantity not set" error when adding a line and passing an order line reservation.

**Defect ID** 216994

**Case ID** Internal

**Description** The changeOrder API throws an "Allocated quantity not set" error when adding a line and passing an order line reservation.

**Defect ID** 217010

**Case ID** Internal

**Description** In Section 5.3 of the *Selling and Fulfillment Foundation: Installation Guide*, the note about setting registry variables for DB2 needs to be updated.

**Solution:** Section 5.3 now contains updated registry variables for DB2. Also, DB2LOCK\_TO\_RB information has been removed.

**Defect ID** 217081

**Case ID** Internal

**Description** In the *Selling and Fulfillment Foundation: Installation Guide*, Section 15.6 does not describe the steps for deploying the Sterling Field Sales application in the WebSphere Administration Console.

**Solution:** Section 15.6 now contains steps for deploying the Sterling Field Sales application in the WebSphere Administration Console.

**Defect ID** 217162

**Case ID** Internal

**Description** In Section 10.3 of the *Selling and Fulfillment Foundation: Installation Guide*, the instructions for loading the language-specific factory defaults need to be updated.

**Solution:** Section 10.3 contains updated instructions on loading the language-specific factory defaults.

**Defect ID** 217267

**Case ID** Internal

**Description** In the "Global Serial Number Purge Criteria Parameters" table of the *Sterling Warehouse Management System: Configuration Guide*, the "PurgeCode" parameter name is not documented. Also, the "Enterprise" parameter name is incorrect.

**Solution:** The "PurgeCode" parameter name and its description have been added. Also, the "Enterprise" parameter name has been changed to "EnterpriseCode".

**Defect ID** 217420

**Case ID** Internal

**Description** Information about the URL for accessing the JavaScript API Documentation must be updated in the *Business Center: Customization Guide*.

**Solution:** The “PurgeCode” parameter name and its description have been added. Also, the “Enterprise” parameter name has been changed to “EnterpriseCode”.

**Defect ID** 217525

**Case ID** Internal

**Description** The SCUIAttributeUtils class file exists in the uishared.jar, the sbc\_ui.jar, and the swc.jar files, and any modifications performed in the SCUIAttributeUtils class file is not updated in all the three .jar files. Therefore, the SCUIAttributeUtils class file must be removed from the sbc\_ui.jar and the swc.jar files. In addition, the uishared.jar file must be included in the classpath for the Business Center and Sterling Web applications.

**Solution:** The SCUIAttributeUtils class file has been removed from the swc.jar and sbc\_ui.jar files, and this class file is included only in the uishared.jar file. In addition, the uishared.jar is included in the APPSDynamicclasspath.cfg file.

**Defect ID** 217593

**Case ID** Internal

**Description** PDF files are provided only for the manuals that have changed in this hot fix, as usual. However, Online Help for the entire Selling and Fulfillment Suite is provided in a separate zip for this hot fix.

**Solution:** Instructions for applying the Online Help are described in the Hot\_Fix\_Installation.txt file provided with this Hot Fix.

**Defect ID** 217622

**Case ID** Internal

**Description** The releaseMoveRequest API succeeds with HasException flag set to "Y" even if a Null Pointer or DB exception occurs.

**Defect ID** 217629

**Case ID** Internal

**Description** Description When a warehouse has an LPN with multiple items from multiple receipts received into it, on invoking the getNodeInventory API for one of the receipts, the system throws an SQL exception on DB2 database.

**Defect ID** 218143

**Case ID** Internal

**Description** If you are running the Oracle WebLogic application server with JRockit as the JVM for Sterling workloads, these workloads may crash with an “illegal memory access” error. Sterling is working with Oracle to achieve a resolution for this issue.

**Solution:** You can avoid this error by passing the command line prompt “-Xnoot” to the JVM.

**Defect ID** 218792

**Case ID** Internal

**Description**

In the *Selling and Fulfillment Foundation: Customization Basics Guide*, Section 5.2 contains three notes that may cause confusion about where to place extended files.

**Solution:** The three notes in Section 5.2 have been updated to clearly state where to place extended files.



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