

Sterling Selling and Fulfillment Foundation



# Fix Pack Release Notes

*Fix Pack 9.1.0.63*



Sterling Selling and Fulfillment Foundation



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**Note**

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

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This edition applies to the 9.1 Version of IBM Sterling Selling and Fulfillment Foundation and to all subsequent releases and modifications until otherwise indicated in new editions.

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## In This Fix Pack

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

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## Installation Information

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

### Prerequisites

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

- If you are a new customer:
  - Install Sterling Selling and Fulfillment Foundation Release 9.1 before you install this fix pack. For information about installing Release 9.1, see the installation information on <http://publib.boulder.ibm.com/infocenter/sfsf/v9r1/index.jsp>.
  - Follow the “Fix Pack Installation Procedure” below.
- If you are an existing customer, follow the “Fix Pack Installation Procedure” below.

### Fix Pack Installation Procedure

This fix pack is available on the Sterling Commerce® Customer Center and on IBM Fix Central at <http://www-933.ibm.com/support/fixcentral/>.

The fix pack installation instructions file, `Fix_Pack_Installation.txt`, is included in the fix pack download.

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## Defects Addressed In This Fix Pack

The following defects have been addressed in this fix pack to Sterling Selling and Fulfillment Foundation, Release 9.1. As fix packs are released, they will be listed cumulatively here.

### Fix Pack 63

Fix Pack 9.1.0.63

<b>Defect ID</b>	343151, 289818
<b>PMR #</b>	11758,019,866
<b>Description</b>	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.

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

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

<b>Defect ID</b>	403937
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**PMR#** 59323,082,000  
**Description** The system does not close the open manifest in the Pierbridge instance, when a warehouse user performs following sequence of actions:

1. Configures Parcel Carrier Preferences to perform carrier integration through Pierbridge Adaptor.
2. Creates an outbound shipment with UPSN as carrier.
3. Packs the shipment in a container.
4. Adds the container to a manifest.
5. Closes the manifest.

**Defect ID** 427041  
**PMR#** 24118,082,000  
**Description** The system displays the "java.lang.Exception:Nothing to Delete" error message in Sterling Mobile application, when a user performs the following actions:

1. Adjusts inventory for an item, for example, I2 in case C1 at location L1.
2. Creates a cycle count request for the location, L1 and item, I1.
3. Releases the count request.
4. Logs in to Sterling Mobile application.
5. Navigates to Task Controller menu.
6. Scans the location L1 and proceeds by hitting Enter.
7. In the next screen, scans the container, C1 in the Item/CaseID field.

**Solution:** The system displays a meaningful error message "Inventory does not match" on scanning C1.

## Fix Pack 62

Fix Pack 9.1.0.62

**Defect ID** 417656  
**PMR #** 20733,082,000  
**Description** The new header charge does not reflect in the order total, when a user performs the following sequence of actions:

1. Implements YFSGetHeaderChargesForShipmentUE.
2. Creates an order.
3. Moves the order to "Partially Shipped" status.
4. Adds new header charges in the YFSGetHeaderChargesForShipmentUE during shipment invoice creation.

**Defect ID** 426601  
**PMR #** 52272,082,000  
**Description** Duplicate records are inserted in the yfs\_person\_info table, when a user performs the following sequence of actions:

1. Extends the yfs\_person\_info table. Sets the default value of the extended column other than void (" ").
2. Invokes createOrder API and passes PersonInfoBillTo/ PersonInfoShipTo. Makes sure that either the extended attribute value is passed as null/void or not at all passed in the API input.

**Defect ID** 400516  
**PMR #** 71353,122,000



**Description** When multiple shipments are present in drop ship scenario, and when partial quantity is shipped by passing CancelNonShippedQuantity="Y", the sales order is not updated, when a user performs the following sequence of actions:

1. Drop ship configuration is made. The CancelNonShippedQuantity flag is enabled on Confirm Shipment API.
2. Creates a sales order for 2 order lines with 10 quantities.
3. Schedules the order, order moves to awaiting chained order creation.
4. Runs createChainedOrder API to create a Drop Ship Order. Ships partial quantity for the first line by passing CancelNonShippedQuantity="Y", the sales order gets updated.
5. Ships partial quantity for the second order line with CancelNonShippedQuantity="Y". The sales order does not get updated.

**Defect ID** 421084

**PMR#** 02441,082,000

**Description** The system receives the inbound container from a shipment against incorrect shipment line, when a warehouse user performs following sequence of actions:

1. Configures "OrderAvailable On System" to Yes for purchase order in Shipping Preference configuration.
2. Configures "Over Ship Percentage" for inbound shipments to 200% in Shipping Preferences configuration.
3. Configures "Over Receipt Percentage" for inbound receipts to 200% in Receipt Preferences configuration.
4. Creates a purchase order for item with order quantity as 50 units.
5. Creates an inbound shipment for the order with 3 shipment lines with quantity as 10, 20, and 30 units.
6. Records the shipment lines against 3 different containers with respective shipment line quantities.
7. Confirms the inbound shipment.
8. Receives the inbound shipment containers in the warehouse one by one.

**Defect ID** 424053

**PMR#** 17753,004,000

**Description** After upgrading from Sterling Warehouse Management System 8.0 to Sterling Warehouse Management System 9.1, when a user attempts to complete the count task with zero variance, the task fails with NullPointerException. A user also encounters the same issue while attempting to accept variance, if the variance is greater than 50%.

## Fix Pack 61

**Fix Pack 9.1.0.61**

**Defect ID** 419428

**PMR #** 06166,019,866

**Description** Multiple records are inserted in the yfs\_person\_info table, when a user performs the following sequence of actions:

1. Extends the yfs\_person\_info table.
2. Invokes createOrder API with multiple order lines having the same value for the PersonInfoShipTo element, and which include an extension attribute with leading or trailing spaces.

**Defect ID** 412048  
**PMR #** 83249,082,000  
**Description** The shortOrder API does not short shipped quantity in a few scenarios related to overshipping.

**Solution:** If the shipped quantity is within the configured over ship quantity value, the quantity that is not shipped is shortened.

## Fix Pack 60

Fix Pack 9.1.0.60

**Defect ID** 398993  
**PMR #** 17689,49R,000  
**Description** When the releaseOrder API calls the YFSGetDeliveryLeadTimeUE, the user exit passes the SCAC attribute as null to the userexit input. This may cause the user exit implementation to return a wrong value of the DeliveryLeadTime attribute and as a result order line gets Backordered. For example, orders are not released, instead the orders are backordered, when a user performs the following sequence of actions:

1. Creates a node N1 and an item I1.
2. Adjusts the onhand inventory for the item I1 at the node N1.
3. Sets up the sourcing and scheduling rule configurations.
4. Implements the YFSGetDeliveryLeadTimeUE.
5. Creates a calendar at the node N1.
6. Creates an order.
7. Releases the order.

**Defect ID** 412682  
**PMR#** 84700,082,000  
**Description** When a 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 to 'Y' to consolidate an order release with pre-assigned carrier information to an existing shipment assigned to the same carrier.

## Fix Pack 59

Fix Pack 9.1.0.59

**Defect ID** 412626  
**PMR #** 29849,999,744  
**Description** When a user runs a Business Volume report, the report displays total revenue for all the orders on a date, if Order Management Analytics that is SMCF-Analytics is deployed on Cognos Server.

**Solution:** A filter is applied on the query to include only Sales Order.

**Defect ID** 411103

<b>PMR #</b>	28581,999,744
<b>Description</b>	When a user runs a Business Volume report, the report displays incorrect revenue, if Order Management Analytics that is SMCF-Analytics is deployed on Cognos Server.
	<b>Solution:</b> Group by operation is applied on the Order date.

## Fix Pack 58

<b>Defect ID</b>	408734
<b>PMR #</b>	69289,082,000
<b>Description</b>	When a user performs "Save As" operation on an item from the Application Manager, the SQL query is fired on YFS_ADDITIONAL_ATTRIBUTE table that consumes considerable amount of memory.
<b>Defect ID</b>	408384
<b>PMR #</b>	66194,082,000
<b>Description</b>	<p>Sterling Business Center Application displays an error, stating the record already exists , when a user completes the following steps:</p> <ol style="list-style-type: none"> <li>1. From Sterling Business Center, goes to Item -&gt; Manage Catalogs.</li> <li>2. From left panel, goes to Related Task -&gt; Browse selling catalog, which displays "Master Catalog" on the right panel.</li> <li>3. From left panel, goes to Related Task -&gt; Create category and creates "Category1" and adds one item to it.</li> <li>4. From "Item -&gt; Manage Attributes", created two attribute groups, adds two attributes to each of them, and adds two values to each attribute.</li> <li>5. From "Item -&gt; Manage Catalogs", selects the catalog and clicks on its category and clicks on manage attribute assignment. Provides the value and saves it.</li> <li>6. Now from application manger, saves this item to other item. For Example, Item_SaveAs1.</li> <li>7. Goes to the category (you can follow the step 1 &amp; 2 given above for this) and adds this item to it.</li> <li>8. Clicks on the newly created item and goes to 'Specifications -&gt; Manage Attribute Values' and then tries to modify the attribute values of the new item in Sterling business Center and saves it.</li> </ol>
<b>Defect ID</b>	289954
<b>Case ID</b>	Internal

<b>Description</b>	<p>When attempting to confirm a shipment having containers that are added into multiple manifests, the system displays an "To confirm a shipment on a manifest please close the manifest" error message, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures the system property yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment to "Y"</li> <li>2. Enables the Package Level Integration for Carrier Service.</li> <li>3. Creates a shipment with the carrier service and packs the shipments in multiple containers, C1 and C2.</li> <li>4. Adds the containers, C1 and C2 to different manifests.</li> <li>5. Closes both the manifests.</li> <li>6. Confirms the shipment.</li> </ol>
<b>Defect ID</b>	370711
<b>Case ID</b>	Internal
<b>Description</b>	<p>The system incorrectly confirms the shipments that are associated with a partially manifested load, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures the system property yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment to "Y"</li> <li>2. Enables the Package Level Integration for Carrier Service.</li> <li>3. Creates multiple shipments with the carrier service and packs the shipments in multiple containers.</li> <li>4. Includes the shipments into a load.</li> <li>5. Manifests few of the containers for these load shipments.</li> <li>6. Closes the manifest.</li> </ol>
<b>Defect ID</b>	407795
<b>Case ID</b>	37993,999,616
<b>Description</b>	<p>When attempting to add containers of a single shipment to multiple manifests, the system displays an "YDM00230:All containers are not manifested" error message, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures the property yfs.manifest.manifestAtContainerLevelForDomesticParcelShipment to "Y" .</li> <li>2. Enables the Package Level Integration for Carrier Service.</li> <li>3. Creates a shipment with the carrier service and packs the shipments in multiple containers, C1 and C2.</li> <li>4. Adds C1 to the manifest M1 using "Add to Manifest" option.</li> <li>5. Navigates to the Manifest console and closes the manifest M1.</li> </ol> <p><b>Solution:</b> Manifest M1 gets closed successfully and container C2 can be added to another manifest.</p>
<b>Defect ID</b>	407299
<b>Case ID</b>	38615,004,000

**Description** In a single schema instance using DB2 database, the system must be able to optimize initupgrade target to fetch row count for application tables from DBMS metadata tables or views, rather than performing SQL query to fetch row count for each individual table.

**Solution:** A user must update the <prepare/> target in the following files, by adding the attribute useDBMSStatsForRowCount="true";  
 <INSTALL\_DIR>/Migration/9.0/history/ant\_upgradepreparation.xml  
 <INSTALLDIR>/Migration/9.0/Transaction/ant\_upgradepreparation.xml

**Note:** Schema statistics must be gathered prior to performing the initupgrade step, if a user wants to use this feature to fetch row count from DBMS metadata.

## Fix Pack 57

**Defect ID** 404517

**PMR #** 88346,379,000

**Description** Hot SKU logic must be enhanced to consider availability across all the nodes to decide if availability is low and item needs to be locked.

**Solution:**

1. As part of the fix, a new feature where Hot SKU will be considered available across nodes is introduced. If the following property is put in customer\_overrides.properties file as yfs.yfs.Hotsku.useAvailabilityAcrossNodes. While determining whether this hot item still needs to be locked, system will take into consideration availability across all nodes requested instead of individual nodes. And compare the consolidated availability across all nodes with the High Availability threshold. If consolidated inventory is 0, we will avoid locking. If consolidated inventory is low, we will lock the sku even though it may be considered hot. If consolidated inventory is high, we will avoid locking. All agents and APIs that update demand or supply and check availability will be impacted by the fix (ex: reservations, order creation/modifications, scheduling, release). The fix does not change the actual availability calculation, instead it just impacts decision whether to lock an item or not. There is a slight chance that multiple threads can schedule or allocate against a node with low availability. This could result into back order from node (no pick) from DC or Store. In such cases, order would get rescheduled to another location based on availability and sourcing decisions.
2. When getPossibleSchedules is called with InvLock="N" and Mode="Inquire", the API will not lock the inventory item. If InvLock="Y" (default value), the inventory item will be locked based on hot sku logic.

**Defect ID** 407684

**PMR #** Internal

**Description** Security fixes are implemented in this fix pack, and a separate Security Fix Pack is available. Please refer to Fix\_Pack\_Installation.txt before proceeding with installation.  
**Note:** For more information on the security issues fix, please contact IBM Support.

**Defect ID** 400265

**PMR #** 30145,031,724

**Description** Performance of modifyCategoryItem API, and manageCategory API has been improved, when a model item is being added or deleted from a category.

A new yfs property yfs.searchIndex.UpdateMaxModifyTS has been introduced to prevent the update of max\_modifyts on the item. This will further improve the performance, when the max\_modifyts update is not performed.

**Defect ID** 406379

**PMR #** 34701,082,000

**Description** The system does not display the item pick instructions, when a warehouse user performs the following sequence of actions:

1. Creates an item and configures pick instructions for the item.
2. Creates a shipment for the item.
3. Includes the shipment in a wave.
4. Releases the wave and creates a batch for the wave.
5. Logs in to Sterling Mobile application.
6. Selects Cart Pick option.
7. Scans the Cart and Item ID.

**Defect ID** 407536

**PMR #** 53725,082,000

**Description** Pierbridge interface does not map unit and extended line price correctly in the International element.

**Solution:** Pierbridge interface mappings are corrected. Unit price is sent in PierbridgeShipRequest/Packages/Package/International/Contents/Content/Value and Extended line price value is sent in PierbridgeShipRequest/Packages/Package/International/Contents/Content/ContentLineValue.

**Defect ID** 407549

**PMR #** 67876,082,000

<b>Description</b>	<p>The system displays an "If Item is Tag controlled, then Tag Number is mandatory" error message, when the comparator operator is used with decimal values, when a user performs the following sequence of actions in a drop-ship scenario:</p> <ol style="list-style-type: none"> <li>1. Configures an always tag-controlled item "TAG01" and "TAG02" with Lot Number and Batch Number as the attributes.</li> <li>2. Configures Inbound Compliance in the BUYER configuration.</li> <li>3. Selects "Mandate Tag information for all tag-controlled items" flag.</li> <li>4. Creates and confirms a Purchase Order Shipment S1 with ShipNode "SHIPNODE1", having two shipment lines for TAG01 and TAG02 item each of 60 quantities.</li> <li>5. Navigates to the Record Container Details screen.</li> <li>6. Selects Case, provides the SCM and pack quantity as 60 for both the lines.</li> </ol> <p>Expands the "+" button in the container details to provide the quantity and tag information for the container as below.</p> <p>First shipment line for item TAG01:</p> <p>19.10 Tag1 18.30 Tag2 22.60 Tag3</p> <p>Second shipment line for item TAG02:</p> <p>10.10 Tag4 5.70 Tag5 5.70 Tag6 5.70 Tag7 5.70 Tag8 5.70 Tag9 5.70 Tag10 5.70 Tag11 5.70 Tag12 4.30 Tag13</p> <ol style="list-style-type: none"> <li>7. Clicks Save.</li> </ol> <p><b>Solution:</b> A user is able to record the container details successfully and no error is displayed.</p>
<b>Defect ID</b>	407966
<b>PMR #</b>	25759,999,744
<b>Description</b>	<p>When a container is removed from the manifest, the system should not blank out non-manifest information, for example, TrackingNo, from the container if the carrier integration is not enabled for the manifest process.</p> <p><b>Solution:</b> A new "yfs.remove.only.manifest.info.from.container.for.carriers" property is provided to address this requirement. The user must set list of carriers for which this new behavior must be enabled.</p> <p>For example, in this scenario the "yfs.remove.only.manifest.info.from.container.for.carriers" property must be set as yfs.remove.only.manifest.info.from.container.for.carriers=FEDX.</p>

# Fix Pack 56

Fix Pack 9.1.0.56

<b>Defect ID</b>	400174
<b>PMR #</b>	66076,379,000
<b>Description</b>	When HOTSKU feature is turned on, items that are configured with "Assume Infinite Inventory During Promising" as "Yes" must be treated as HOTSKU. Records in the YFS_INVENTORY_ITEM table for these items must not be locked.
<b>Defect ID</b>	401009
<b>PMR #</b>	30178,031,724
<b>Description</b>	Dead lock observed on the yfs_inventory_demand table, when a user performs the following set of actions: <ol style="list-style-type: none"><li>1. Configures Inventory purge agent.</li><li>2. Runs Inventory purge agent and createOrder API parallely.</li></ol>
<b>Defect ID</b>	404067
<b>PMR #</b>	39195,057,649
<b>Description</b>	The rules attached to OI2 are not fired, when a user completes the following tasks: <ol style="list-style-type: none"><li>1. Creates a model that has OC1-&gt;OI1 ,OC2-&gt;OI2 as sibling nodes, OC1 --OI1 OC2 --OI2. The property CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING is attached to OC1 and there are no rules attached to OC1.</li><li>2. Attach rules to OI2.</li><li>3. Launches above model in Configurator and ensures that OC1 is notselected, and navigates to rule firing trace.</li></ol>
<b>Defect ID</b>	405400
<b>PMR #</b>	53263,082,000
<b>Description</b>	Order moves to created status and a Memo gets created in Created status. This memo should not be created since order is not completely invoiced, when a user performs the following set of actions: <ol style="list-style-type: none"><li>1. Sets yfs.yfs.setInvoiceCompleteForCancelledLines=Y in customer_overrides.properties.</li><li>2. Creates an order with single line and single quantity by setting the Unit Price to 100 and Shipping Charges to 14.</li><li>3. Cancels the Order Line.</li><li>4. Calls changeOrder API to add 1 quantity and pass header charges also.</li></ol>
<b>Defect ID</b>	404481
<b>PMR #</b>	37823,999,616



**Description** Putaway tasks generated for a normal item, stamp a target location that is defined to hold segmented inventory, when a user performs the following sequence of actions:

1. Configures "Putaway Products on Receipt " action for the "Receipt\_Complete.0005" transaction in the Purchase Order Receipt pipeline.
2. Configures a Storage Preference P1 for single SKU with the following configuration and zone Z1 specified in the preference:
  - Activity code - Moving to Storage
  - Activity group - Receipt
  - Product class - X
  - Inventory status - Y
  - UOM - Each
3. Configures a Storage Preference P2 for a single SKU with the following configuration and zone Z2 specified in the preference:
  - Activity code - Moving to Storage
  - Activity group - Receipt
  - Product class - X
  - Inventory status - Y
  - UOM - Each
  - Segment Type - MTO
4. Configures Putaway strategy with UOM="Each" and associates Putaway task type.
5. Receives normal inventory into the dock location.
6. Closes the receipt, the system creates a putaway task.

Target location stamped on the putaway task is zone Z2 instead of Z1.

**Solution:** The system considers the zones in putaway preferences by matching all the specified attributes to decide the target location.

**Defect ID** 404874

**PMR #** 38002,999,616

**Description** While adjusting inventory for an item which is not a part of the dedicated item location list, the system repeats in a loop thrice, when a user performs the following sequence of actions:

1. Creates a location L1.
2. Creates 4 items, D1 ,D2 ,D3, and I1.
3. Dedicates the items D1, D2 and ,D3 to location L1.
4. Adjusts the inventory for the item I1 at the location L1.

The system throws an "SKU Dedication violated for location" exception.

In the verbose log the "Inside isConstraintViolated SKU :DEFAULT" message is posted thrice.

**Note:** The loop count is directly dependant on the number of dedications already present for the location.

**Solution:** The query that checks for the existing dedications resulting in extra loops is optimized.

**Defect ID** 403157

<b>PMR #</b>	12657,999,744
<b>Description</b>	<p>The 'ON_LINE_QTY_REDUCTION' event is triggered only once even if the line quantity for multiple shipments in the order are changed, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Navigates to the Application &gt; Platform &gt; Process Modelling &gt; Outbound Shipment Process Type &gt; Change Shipment Transaction &gt; Events.</li> <li>2. Enables the 'ON_LINE_QTY_REDUCTION' event and adds event handler to it.</li> <li>3. Creates WMS node.</li> <li>4. Creates an item and adjusts the sufficient inventory for it against the WMS node.</li> <li>5. Creates an order with two orderlines having created item and Ship Node as WMS node.</li> <li>6. Confirms the order.</li> <li>7. Schedules the order and releases it.</li> <li>8. Creates two separate shipments for the two orderlines. The order moves to 'Included in Shipment' status.</li> <li>9. Calls the changeOrder API to reduce the order quantity for given item by 1 from both the order lines.</li> </ol> <p>The 'ON_LINE_QTY_REDUCTION' event is triggered only once.</p> <p><b>Solution:</b> The 'ON_LINE_QTY_REDUCTION' event is raised once for each shipment for which the line quantity is reduced.</p>

## Fix Pack 55

<b>Defect ID</b>	401633
<b>PMR #</b>	18911,082,000
<b>Description</b>	<p>"Not Enough Quantity" exception is displayed, when a user performs the following steps:</p> <ol style="list-style-type: none"> <li>1. Creates a tag controlled item and has sufficient inventory for it.</li> <li>2. Creates a Purchase Order with tag controlled items using createOrder API.</li> <li>3. Creates and confirms a shipment for this PO. Records container details including tag information for the inbound shipment.</li> <li>4. Un-confirms the shipment.</li> <li>5. Deletes the containers from this shipment.</li> <li>6. Tries to delete the shipment using change shipment API with delete action.</li> </ol>
<b>Defect ID</b>	403703
<b>PMR #</b>	91145,019,866
<b>Description</b>	<p>"Update failed. The record to be updated could either not be found or it was already deleted or updated by another transaction " exception is displayed, when a user calls the overrideResourcePoolCapacity API parallelly in multiple threads.</p>

**Defect ID** 403883  
**PMR #** 34488,082,000  
**Description** The createOrderInvoice API displays "YFS: Not Enough Quantity" exception, when a user performs the following set of actions:  

1. Creates a sales order with line quantity as 1.66.
2. Creates an invoice by calling createOrderInvoice API for 0.66 quantity followed by another invoice for 1 quantity.

**Defect ID** 404371  
**PMR #** 91655,019,866  
**Description** During findInventory API call, if same Calendar object is fetched from the database cache by multiple threads concurrently, it is observed that the threads get blocked during date calculations.

**Defect ID** 399079  
**PMR #** 17978,082,000  
**Description** The system throws an "YFS:Invalid Node" exception if shipnode is not present in the shipment, when a user performs the following sequence of actions:  

1. Modifies out-of- box inbound shipment pipeline to add an unconfirmed shipment transaction.
2. Creates an inbound shipment S1.
3. Records the container details for inbound shipment S1.
4. Confirms inbound shipment S1.
5. Unconfirms the inbound shipment S1.
6. Deletes the inbound shipment S1.

While deleting the inbound shipment, the system tries to delete all the containers associated with it. While performing the operation, the system checks if the shipnode is present.

**Solution:** The system skips the check for shipnode, if it is not present in the shipment.

**Defect ID** 399916  
**PMR #** 18622,082,000

<b>Description</b>	<p>The system displays an "If Item is Tag controlled, then Tag Number is mandatory" error message, while using comparator operator with decimal values, when a user performs the following sequence of actions in a drop-ship scenario:</p> <ol style="list-style-type: none"> <li>1. Configures an always tag-controlled item "TAG01" with Lot Number and Batch Number as the attributes.</li> <li>2. Configures Inbound Compliance in the BUYER configuration.</li> <li>3. Selects "Mandate Tag information for all tag-controlled items" flag.</li> <li>4. Creates a Purchase Order Shipment S1 with ShipNode "SHIPNODE1" having TAG01 item for 389.3 quantity.</li> <li>5. Creates a shipment.</li> <li>6. Navigates to the Record Container Details screen.</li> <li>7. Selects Case, provides the SCM and pack quantity as 389.3.</li> <li>8. Expands the "+" button in the container details to provide the tag detail information for the container. For example, provides the following information: <b>Lot Number</b> - L1, L2, L3, L4, L5, and L6. <b>Batch Number</b> - B1, B2, B3, B4, B5, and B6. <b>Quantity</b> - 65, 63.7, 65, 65, 65, and 65.6.</li> <li>9. Clicks Save.</li> </ol> <p><b>Solution:</b> The comparator operators are replaced with associated double-util methods.</p>
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<b>Defect ID</b>	403149
<b>PMR #</b>	Internal
<b>Description</b>	<p>The system displays an "YFS: Tag Number Not Found for the Item" error message, while using comparator operator with decimal values, when a user performs the following sequence of actions in a drop-ship scenario:</p> <ol style="list-style-type: none"> <li>1. Configures an always tag-controlled item "TAG01" with Lot Number and Batch Number as the attributes.</li> <li>2. Configures Inbound Compliance in the BUYER configuration.</li> <li>3. Selects "Mandate Tag information for all tag-controlled items" flag.</li> <li>4. Creates a Purchase Order Shipment S1 with ShipNode "SHIPNODE1" having TAG01 item for 389.3 quantity.</li> <li>5. Creates a shipment.</li> <li>6. Navigates to the Record Container Details screen.</li> <li>7. Selects Case, provides the SCM and pack quantity as 389.3.</li> <li>8. Expands the "+" button in the container details to provide the tag detail information for the container. For example, provides the following information: <b>Lot Number</b> - L1, L2, L3, L4, L5, and L6. <b>Batch Number</b> - B1, B2, B3, B4, B5, and B6. <b>Quantity</b> - 65, 63.700001, 65, 65, 65, and 65.599999</li> <li>9. Clicks Save.</li> <li>10. Confirms the Shipment</li> </ol> <p><b>Solution:</b> The comparator operators are replaced with associated double-util methods.</p>

<b>Defect ID</b>	403378
<b>PMR #</b>	37934,999,616
<b>Description</b>	While adjusting dedicated items in the dedicated location, the system takes more time to execute if the dedicated location has other dedicated items.
	<b>Solution:</b> The query that is used to check for the existing dedications is optimized to improve the performance.

## Fix Pack 54

<b>Defect ID</b>	391343
<b>Case ID</b>	93796,49R,000
<b>Description</b>	Real Time Availability Monitor (RTAM) does not publish correct availability picture for Bundle Items with deliver together components, when the user performs the following steps: <ol style="list-style-type: none"> <li>1. Configures RTAM and configures a bundle item with deliver together components to monitor by RTAM.</li> <li>2. Adjusts inventory for both the components in two different nodes.</li> <li>3. Runs RTAM.</li> </ol> <p><b>Note:</b> Alerts are not raised at Node Level Monitoring for Bundle Item with deliver together components.</p>
<b>Defect ID</b>	395421, 368153
<b>Case ID</b>	30141,031,724, 76245,057,649
<b>Description</b>	Invalid Person Info exception is displayed, when two different API calls (of importOrder API or manageCustomer API) are running parallelly on two different threads and try to insert same PersonInfo Details into the Database simultaneously, when the Integration server is configured to run with at-least 2 threads.
<b>Defect ID</b>	386093
<b>Case ID</b>	89941,442,000
<b>Description</b>	SuggestedOption element is not template controlled for reserveAvailableInventory API output.
<b>Defect ID</b>	394278
<b>Case ID</b>	08310,004,000
<b>Description</b>	SUPPLYTEMPPRG agent does not purge all the eligible records from YFS_INVENTORY_SUPPLY_TEMP table.
<b>Defect ID</b>	393505, 400026
<b>Case ID</b>	72174,019,866, Internal

<b>Description</b>	<p>During manageItem, the value for an extension column of YFS_ITEM table is inherited from model item to child item, though the extension column is not used for the classification.</p> <p><b>Solution:</b> A property yfs.manageItem.InheritClassificationExtnAttributesOnly is provided to inherit values for only those extension columns which are used for classification. If this property is set to 'Y', only the extension columns that are used for classification are inherited from model item to child item. If this property is not set or set to N, all extension columns are inherited from model item to child item. By default this property is set to N.</p> <p><b>Note:</b> The <i>Sterling Selling and Fulfillment Foundation: Properties Guide</i> is updated with the yfs.manageItem.InheritClassificationExtnAttributesOnly property.</p>
<b>Defect ID</b>	396317
<b>Case ID</b>	76560,082,000
<b>Description</b>	<p>When a user performs the following sequence of actions, the associated shipment line that contains overship quantities is not reset while unpacking the child containers from the parent container for a shipment:</p> <ol style="list-style-type: none"> <li>1. Creates a shipment, S1 with AllowOverage=Y and configures overship percentage in the OverShipping Preferences.</li> <li>2. Creates a shipment line, SL1 in S1 having item I01 for 4 quantities.</li> <li>3. Packs the inventory container IC1 with 6 quantities of I01 into a new outbound container C1.</li> <li>4. Sets overships quantity on SL1 to 2.</li> <li>5. Unpacks the outbound container, C1 completely. C1 is deleted and IC1 moves back to location inventory. But, the overship quantity on SL1 is still displayed as 2.</li> </ol> <p>Because the overship quantity is not reset, the shipment is not moved to Packed status even after packing the inventory, equivalent of the shipment line SL1 into C1.</p> <p><b>Solution:</b> While unpacking the child containers from the parent container, if there is any overship quantity set on SL1 after packing, the overship quantity is reset accordingly after unpacking.</p>
<b>Defect ID</b>	395364
<b>Case ID</b>	76981,082,000
<b>Description</b>	<p>When a user performs the following sequence of actions, the Pierbridge Field COD/Type (CODInd attribute) value is always passed as 1:</p> <ol style="list-style-type: none"> <li>1. Implements the YCSshipCartonUE user exit.</li> <li>2. Sets the value for CODInd attribute as 2 in the shipCarton method of the UserExit implementation.</li> <li>3. Calls the addContainerToManifest to manifest the containers of the shipment.</li> </ol> <p>The system passes the CODInd attribute value as 1 under the COD element in the PierbridgeShipRequest XML.</p> <p><b>Solution:</b> Pierbridge Field COD/Type (CODInd attribute) value is read from the UserExit implementation if user exit is implemented. If user exit is not implemented, then the system continues with the out-of-the-box logic.</p>

<b>Defect ID</b>	396787
<b>Case ID</b>	08204,082,000
<b>Description</b>	<p>When a user performs the following sequence of actions, the MANIFEST_NO and MANIFEST_KEY of the original shipment, is blanked out in the YFS_SHIPMENT table during splitLines:</p> <ol style="list-style-type: none"> <li>1. Creates a shipment, S1 with I01 for 5 quantities.</li> <li>2. Packs S1 into outbound container C1 with 3 quantities of I01.</li> <li>3. Closes the container C1.</li> <li>4. Adds the container C1 to a manifest M1. MANIFEST_NO and MANIFEST_KEY are stamped on the shipment S1.</li> <li>5. Navigates to the Split Shipment screen.</li> <li>6. Selects Split Lines option and enters the quantity as 2 for the new shipment S2.</li> </ol> <p>Original shipment S1 is split into new shipment S2 for 2 quantities. But, the manifest details (MANIFEST_NO and MANIFEST_KEY) are blanked out from shipment S1.</p> <p><b>Solution:</b> When splitLines action is performed on the original shipment S1, manifest details of S1 is retained.</p>

## Fix Pack 53

<b>Defect ID</b>	393351
<b>Case ID</b>	77588,023,724
<b>Description</b>	<p>Duplicate header tax elements are present in getOrderDetails output for a purged order, when line taxes are present.</p>
<b>Defect ID</b>	387059
<b>Case ID</b>	67646.49R.000
<b>Description</b>	<p>Require a functionality to match multiple regions for a zip code in a region schema.</p> <p><b>Solution:</b> Field "Match Multiple Regions For A ZipCode" is added to Region schema details page. Select the check box to match multiple regions for a ZipCode in a Region Schema.</p> <p><b>Note:</b> If multiple sourcing rules or any other rules are set for regions having the same zip code, the sourcing rule chosen for the ZipCode won't be deterministic.</p>
<b>Defect ID</b>	366260
<b>Case ID</b>	Internal
<b>Description</b>	<p>When an item configured as "Sometimes tag-controlled" and "serial-tracked" is packed, the HSDE screen displays the item in the list of unpacked items.</p>

<b>Defect ID</b>	367061
<b>Case ID</b>	Internal
<b>Description</b>	<p>The IBM Sterling Mobile application allows multiple users to work simultaneously on a specific shipment even though the number of users is restricted to one in the Applications Manager.</p> <p><b>Solution:</b> The number of users allowed to work simultaneously on a shipment in the IBM Sterling Mobile application, adhere to the restriction in the Applications Manager.</p>
<b>Defect ID</b>	374482
<b>Case ID</b>	Internal
<b>Description</b>	<p>Multiple users can simultaneously work on a specific task when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Performs the Activity task using OrderPick.</li> <li>2. Picks the product onto an inventory pallet.</li> <li>3. Selects a primary pallet type.</li> <li>4. Performs the task using a mobile device.</li> <li>5. Dispatches the tasks as soon as they are generated.</li> <li>6. Suggests multiple tasks and allows user to choose.</li> <li>7. Limits the number of users that work on a shipment to one.</li> <li>8. Uses Pick sequence for picking.</li> <li>9. Uses Putaway sequence for putaway.</li> </ol> <p><b>Solution:</b> The number of users is limited to one.</p>
<b>Defect ID</b>	380907
<b>Case ID</b>	Internal
<b>Description</b>	<p>The "ItemID/UOM/ProductClass missing for the Shipment Line" error is displayed on the HSDE screen, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Logs in to the Applications Manager.</li> <li>2. Navigates to Packing &gt; Pack Planning &gt; Do Not Mix in a Case.</li> <li>3. Selects the Mark For option for a node.</li> </ol> <p><b>Note:</b> If the shipment at the node has different Mark For criteria selected for different line items of the same item, the error is displayed when the shipment of the second line item is packed.</p>
<b>Defect ID</b>	383975
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a French locale user enters the date in the 'dd MM yyyy' format in a work order and confirms the order through the VAS Screen, the "Invalid Date Format Error" is displayed.</p>
<b>Defect ID</b>	387522
<b>Case ID</b>	Internal



<b>Description</b>	The PACK_SHIPMENT_COMPLETE.0006 transaction does not have any event associated with it.  <b>Solution:</b> The ON_SUCCESS event is added to the PACK_SHIPMENT_COMPLETE.0006 transaction.
<b>Defect ID</b>	391134
<b>Case ID</b>	Internal
<b>Description</b>	When a user performs the following steps on the Create Count Request screen, the "Invalid date format" error is displayed: <ol style="list-style-type: none"> <li>1. Navigates to Inventory &gt; Create Count Request.</li> <li>2. Clicks in time field of Start no earlier than field.</li> <li>3. Clicks OK.</li> </ol>
<b>Defect ID</b>	392858
<b>Case ID</b>	37429,999,616
<b>Description</b>	In Outbound picking using the IBM Sterling Mobile Application, the system suggests an SKU when a user scans an item. If the user scans a different SKU, the system accepts it and completes the task. The following steps explain the scenario: <ol style="list-style-type: none"> <li>1. In the Sterling WMS Mobile Application console, navigates to Outbound Picking.</li> <li>2. Selects the task for shipment, S1 with Item I1.</li> <li>3. Scans the case.</li> <li>4. Scans item I1 instead of item I2.</li> </ol> <b>Solution:</b> The "Mobile_Cannot_Override_Suggested_SKU" error is displayed when a user scans a different SKU.
<b>Defect ID</b>	366260
<b>Case ID</b>	Internal
<b>Description</b>	When an item configured as "Sometimes tag-controlled" and "serial-tracked" is packed, the HSDE screen displays the item in the list of unpacked items.
<b>Defect ID</b>	367061
<b>Case ID</b>	Internal
<b>Description</b>	The IBM Sterling Mobile application allows multiple users to work simultaneously on a specific shipment even though the number of users is restricted to one in the Applications Manager.  <b>Solution:</b> The number of users allowed to work simultaneously on a shipment in the IBM Sterling Mobile application, adhere to the restriction in the Applications Manager.
<b>Defect ID</b>	374482
<b>Case ID</b>	Internal

**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.

**Defect ID** 380907  
**Case ID** Internal  
**Description** The "ItemID/UOM/ProductClass missing for the Shipment Line" error is displayed on the HSDE screen, when a user performs the following sequence of actions:

1. Logs in to the Applications Manager.
2. Navigates to Packing > Pack Planning > Do Not Mix in a Case.
3. Selects the Mark For option for a node.

**Note:** If the shipment at the node has different Mark For criteria selected for different line items of the same item, the error is displayed when the shipment of the second line item is packed.

**Defect ID** 383975  
**Case ID** Internal  
**Description** When a French locale user enters the date in the 'dd MM yyyy' format in a work order and confirms the order through the VAS Screen, the "Invalid Date Format Error" is displayed.

**Defect ID** 387522  
**Case ID** Internal  
**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** 391134  
**Case ID** Internal  
**Description** When a user performs the following steps on the Create Count Request screen, the "Invalid date format" error is displayed:

1. Navigates to Inventory > Create Count Request.
2. Clicks in time field of Start no earlier than field.
3. Clicks OK.

**Defect ID** 392858  
**Case ID** 37429,999,616

**Description** In Outbound picking using the IBM Sterling Mobile Application, the system suggests an SKU when a user scans an item. If the user scans a different SKU, the system accepts it and completes the task. The following steps explain the scenario:

1. In the Sterling WMS Mobile Application console, navigates to Outbound Picking.
2. Selects the task for shipment, S1 with Item I1.
3. Scans the case.
4. Scans item I1 instead of item I2.

**Solution:** The "Mobile\_Cannot\_Override\_Suggested\_SKU" error is displayed when a user scans a different SKU.

## Fix Pack 52

Fix Pack 9.1.0.52

**Defect ID** 381905

**Case ID** 17676.379.000

**Description** findInventory API does not show correct availability date at the ship node when a user performs the following sequence of actions:

1. Configures procurement rule between two nodes.
2. Configures node transfer schedule between the nodes such that override transit days is set to zero for weekdays for the procurement node.
3. Ensures inventory is available at the procurement node for a future date.

**Defect ID** 389895

**Case ID** 76730,023,724

**Description** A deadlock is observed in the YFS\_INVENTORY\_ITEM table, when a user performs the following sequence of actions:

1. Creates 7 items such that they are always tag-controlled and configures the lot number as the tag identifier.
2. Creates a synchronous service with the JMS sender component to put messages in a queue.
3. Creates an asynchronous service with the JMS Receiver component having 5 threads and listening to the queue, which then calls the reserveAvailableInventory API.
4. Adjusts inventory for the items at the ShipNode of choice, and provides the lot number.
5. Places 5 or more JMS messages into a queue.
6. Starts the integration server.

**Defect ID** 381419

**Case ID** 71827,019,866

**Description** The getResourcePoolCapacity API produces "java.lang.StringIndexOutOfBoundsException" exception, when a user performs the following sequence of actions:

1. Configures two region schemas with same FromZipCode and toZipCode and associates the schemas with a node.
2. Calls the getResourcePoolCapacity API with PersonInfo details, to look up the zip code.

**Defect ID** 365660  
**Case ID** 76685,057,649  
**Description** Product configurator must be enhanced to skip rule firing for a node (and its sub-tree) that is not selected.

**Solution:** Two new properties CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING and CONFIG: ON UNSELECT SKIP CHILD RULE FIRE BUT FIRE CURR RULE have been introduced.

- If the property CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING is set to true for an option class, and if that option class is not selected, then the rules attached to the option class and the rules attached to its sub-tree are not fired.
- If the property CONFIG: ON UNSELECT SKIP CHILD RULE FIRE BUT FIRE CURR RULE is set to true for an option class, and if that option class is not selected, then the rules attached to the option class are fired, but the rules attached to its sub-tree are not fired.

**Note:**

- The rule firing order is not modified to fire rule for an unselected option class. For example, if a rule is fired at a later stage of rule traversal, and the rule selects an option class (OC1) which is already parsed and has one of the preceding properties set (and therefore the rules were not fired during the parsing), the selection because of the current rule does not trigger rule firing for option class (OC1).
- The decision to fire a rule is not made dynamically. Therefore, do not assign the new properties or dynamically modify the properties.

**Defect ID** 393042  
**Case ID** Internal  
**Description** The Sterling Configurator: Application Guide must be updated with information about the following properties:

- CONFIG: ON UNSELECT SKIP CHILD RULE AND CURR RULE FIRING
- CONFIG: ON UNSELECT SKIP CHILD RULE FIRE BUT FIRE CURR RULE

**Solution:** The required information is provided in the *chapter 15 Definitions for Out-of-the-box Configurator Properties* of the *Sterling Configurator: Application Guide*.

**Defect ID** 386284  
**Case ID** 22374,999,760  
**Description** The "com.ibm.db2.jcc.am.SqlException" error is displayed when a user performs the following steps on the Task Summary screen in DB2:

1. Logs in as node user.
2. Navigates to Task > Task Console.
3. Searches tasks using the 'By Task type' field.
4. Selects OrderPick Task and performs a search. The system generates a long and complicated SQL statement, which results in the error.

**Solution :** The length of the SQL statement is reduced.

<b>Defect ID</b>	387241
<b>Case ID</b>	37187,999,616
<b>Description</b>	<p>The system retains a Manifest Key and Manifest Number of a load on the shipment, when user performs the following steps to remove shipment from the load:</p> <ol style="list-style-type: none"> <li>1. Adds shipment S1 to the load L1.</li> <li>2. Opens a manifest.</li> <li>3. Adds the load L1 to the manifest and sets IsExpInclInManifest=Y.</li> <li>4. On the Load Details screen, navigates to Select shipment S1 &gt; Remove shipment S1 from Load L1.</li> </ol> <p>The shipment retains the manifest information of the load. This behavior prevents the shipment from being added to a new load. Additionally, the system does not allow Standard Carrier Alpha Code (SCAC) to be modified for the shipment.</p> <p><b>Solution:</b> When a shipment is removed from a load with open manifest, the information pertaining to the manifest is removed from the YFS_SHIPMENT table.</p>

## Fix Pack 51

<b>Defect ID</b>	374950
<b>Case ID</b>	54424,49R,000
<b>Description</b>	<p>When a user marked as an Enterprise User, invokes getOrderLineList API, unwanted EXIST clause in the select query on YFS_ORDER_LINE table degrades performance.</p>
<b>Defect ID</b>	370692
<b>Case ID</b>	54173,49R,000
<b>Description</b>	<p>Realtime Availability Monitor (RTAM) must monitor availability at additional ship nodes along with those in the Distribution Group.</p> <p><b>Solution:</b> YFSGETOverriddenDGForItemUE User exit is enhanced for additional ship nodes, RTAM can monitor availability at the additional nodes.</p> <p><b>Note:</b> For more information about the enhancement, refer to the YFSGETOverriddenDGForItemUE user exit java docs.</p>
<b>Defect ID</b>	371429
<b>Case ID</b>	54903,49R,000

## Fix Pack 9.1.0.51

**Description** Realtime Availability Monitor (RTAM) must process bundles and components in parallel in the activity based mode.

**Solution:** RTAM is enhanced to enable addition of activity for the related bundle parent items during the monitoring of a component, to avoid duplicate work from the threads processing the component. The activities of the parent or related items are processed during subsequent get jobs of RTAM.

**Note:** There is no backward compatability for this fix and there will be behavior change for bundles and related Items in RTAM activity based mode.

**Limitation of this fix:** Additional trigger of RTAM in activity based mode may be needed for the processing of bundle parents and the related items, if get Jobs happens before activities get inserted for the parent and the related items.

**Defect ID** 356164

**Case ID** 34805,379,000

**Description** At DST (Daylight Saving Time) switch, the Date-Time conversion from one timezone to another timezone is not working as expected.

## Fix Pack 50

## Fix Pack 9.1.0.50

**Defect ID** 370708

**Case ID** Internal

**Description** A user cannot modify the Ship To address of a shipment after it is added to a load.

**Solution:** A user can modify the Ship To address of a shipment.

**Note:** If a load has multiple shipments, a user cannot modify the Ship To address of any shipment.

**Defect ID** 370879

**Case ID** 54206,49R,000

**Description** Sterling Selling and Fulfillment Foundation supported three item classifications in sourcing rules but there was a need to define the sourcing outcomes based on more item attributes. Hence, there is a need for additional classifications to support more item attributes.

**Solution:** Four new item classification are introduced in sourcing rules for products being shipped. Totally seven item classifications are now available in the system.

**Defect ID** 377468

**Case ID** 59398,442,000

**Description** The system does not throw an exception instead it allows to receive quantity more than the order total quantity, even if Over Receipt Percentage limit is not configured, when a user performs the following sequence of action:

1. Creates a purchase order for 100 quantities.
2. Receives partial quantity, 50 quantities.
3. Calls the shortOrder API for the remaining amount. Received quantity is 50 and shorted quantity is 50.
4. Attempts to receive additional 10 quantities.

**Note:** When the shortOrder API is invoked the value of "TRANS\_DISCREPANCY\_QTY" column in the YFS\_ORDER\_LINE table will be set to zero instead of negative.

**Defect ID** 380951

**Case ID** 08081,057,649

**Description** The system does not create Refund Fulfillment Order (RFO) and the collected amount is not refunded through RFO, when a user performs the following sequence of actions:

1. Selects "Do Not Allow Debit And Credit Invoices To Settle Each Other" and "Do Not Consolidate Settlement Or Refund Requests Across Invoices" flags in the Financial Rule.
2. Configures Gift Card as payment type and refund through RFO.
3. Creates an order with some order total.
4. Pre-charges the order total through Gift Card payment type.
5. Runs the requestCollection API.
6. Cancels the order.
7. Runs the requestCollection API.

**Defect ID** 381182

**Case ID** 08214,057,649

**Description** When a user invokes the managePricelistLine API, it acquires object lock and makes the invocation of managePricelistLine API single threaded. Due to which, the production gets impacted when managePricelistLine API is invoked in multiple instances.

**Defect ID** 382422

**Case ID** Internal

**Description** The column name LPN\_HDR\_KEY, in DB2 view cause some issues due to the absence of double quotation mark.

**Solution:** The issue is fixed by marking proper quotation mark in the appropriate columns.

## Fix Pack 49

**Defect ID** 369841

<b>Case ID</b>	Internal
<b>Description</b>	Bar code data is overridden in every cycle if more than one bar code source is defined when translating the bar code for a particular bar code type. Because of this, a parsing data error is generated.
<b>Defect ID</b>	373928
<b>Case ID</b>	Internal
<b>Description</b>	The system displays the "Serial is not at the node" error message, when the changeLocationInventoryAttributes API is passed more than once in multi API execution for an item with the following properties: <ul style="list-style-type: none"> <li>• Time-sensitive</li> <li>• Serial-tagged</li> <li>• Batch controlled</li> </ul>
<b>Defect ID</b>	374877
<b>Case ID</b>	14338,082,000
<b>Description</b>	When a user invokes the packShipment API for decimal quantity, the system throws an "YDM00063 : Not enough uncontainerized quantity available on the shipment for containerization" exception.
<b>Defect ID</b>	375259
<b>Case ID</b>	25954,082,000
<b>Description</b>	A performance degradation is observed, when a user attempts to receive an order through the Report/Record Receipt action of the Sterling Application Console.
<b>Defect ID</b>	376748
<b>Case ID</b>	58374,442,000
<b>Description</b>	Dbverify, by default ignores the Third Party tables present in the database, whose definition is not present in the entity XMLs. Due to this, the system does not generate any DROP TABLE statements for such tables. <p><b>Solution:</b> A new 'DBVERIFY_IGNORE_3RD_PARTY_TABLES' property is exposed. The default value of this property is Y. If you do not want the DBVerify utility to ignore the third party tables, then set the value of the DBVERIFY_IGNORE_3RD_PARTY_TABLES property to N in the sandbox.cfg file and then run the setupfiles utility.</p> <p><b>Note:</b> If there are tables created outside the entity framework, whose definition is not supported by entity framework, it is advised to ignore these tables while running dbverify by setting the value of the property as Y.</p>
<b>Defect ID</b>	376937
<b>Case ID</b>	85623,820,820



**Description** An asynchronous service has a generic JMS component which has 'Process Reply to Queue' option checked. The service reads messages and sends back response to separate Websphere MQ JMS Queues. When the asynchronous service reads an incoming JMS message and attempts to put back the response into the 'reply to JMS Queue', then it is observed that for each response message the "Open Output Count" in Websphere MQ keeps on increasing for reply to JMS Queue.

## Fix Pack 48

**Defect ID** 364479

**Case ID** 47821,082,000

**Description** The system does not consider the pend-in quantity of items for putaway move request to release a wave.

**Solution:** The pend-in quantity of items is also considered for putaway move requests to release a wave if the or items without dedicated locations dynamically slot a location from the zones listed above field is selected in the Configurator. The *Sterling Warehouse Management: Configuration Guide* is updated with the required information.

**Defect ID** 375899

**Case ID** 69111,49R,000

**Description** Application must be enhanced to support suppressing validation of saved configuration during sub-model return. Rules are run on a sub-model with an old configuration in the following scenario:

1. Configures Parent model, model A.
2. Dynamically instantiates the child model, model B.
3. Configures model B.
4. Punches back to Parent model. Parent state is restored and rules are run.
5. Adds the model B state to the Parent state as `_nestedConfiguration`.
6. Punches back to the child model, model B.
7. Modifies model B and punches back to Parent model.
8. Restores Parent state with the child model (model B) state prior to the changes done in step 7. During this step, validation is performed on the saved configuration of Parent. Hence rules are run for the Parent and child (rules get executed with old values in model B state).
9. Adds child model B updated state as `_nestedConfiguration` to Parent state (this has the changed values but rules are not run again if the sub model validation is turned off using the property `CONFIG: SUBMODEL VALIDATION`).

**Solution:** A new property `CONFIG: DISABLE SUBMODEL VALIDATION ON SUBMODEL RETURN` is read to check whether to perform validation or not on a saved configuration during sub-model return. If the value of the `CONFIG: DISABLE SUBMODEL VALIDATION ON SUBMODEL RETURN` property is set to Yes or True on the Option Class or Option Item which punches into a sub-model, the validation is not done on saved configuration for that sub-model during punch-out.

**Note:** The impact of the `CONFIG: DISABLE SUBMODEL VALIDATION ON SUBMODEL RETURN` property with existing properties is as follows:

`CONFIG: SUBMODEL RETURN` must be set to Yes for this property to be effective as the validation that are skipped based on this property is invoked on sub model return. `CONFIG: SUBMODEL VALIDATION - Submodel validation` is done after the validation is set to Yes or No.

**Defect ID** 377642

**Case ID** 22225,999,760

**Description** For a task created at the LPN level, whenever a user views the task detail screen, an alert is generated. This alert is added to the `YFS_INBOX` table and can be viewed on the Alert Console.

## Fix Pack 47

**Defect ID** 318973

**Case ID** 00383744

**Description** The performance of releaseWave and releaseMoveRequest APIs is very slow when accessing inventory for an item from the YFS\_NODEINVENTORYDTL\_VW view. This causes a delay in releasing the wave.

**Solution:** The system checks the number of units of items from the LPN instead of checking the LPN detail key. This reduces the time required to release the wave.

**Defect ID** 335333

**Case ID** 69705,082,000

**Description** The *Sterling Selling and Fulfillment Foundation: Application Platform Configuration Guide* must be updated with information about carrier preferences for buyer.

**Solution** The "Defining Carrier Preferences Parameters" topic of the *Sterling Selling and Fulfillment Foundation: Application Platform Configuration Guide* is updated with the required information.

**Defect ID** 361496

**Case ID** 09546,019,866

**Description** A performance degradation is observed when a user runs the SyncLoadedInventory API, as multiple reads are observed for the same system rule from the database.

**Defect ID** 373825

**Case ID** 44405,442,000

**Description** For a Distribution Center, the LineType attribute is not considered when fetching a Receiving Preference Detail during receiving.

**Defect ID** 375167

**Case ID** 22555,999,760

**Description** While performing putaway to non-suggested location, the system must also move the inventory with its valid attributes.

**Defect ID** 375917

**Case ID** 11525,082,000

**Description** The performance of releaseWave and releaseMoveRequest APIs is very slow when accessing inventory of an item in the YFS\_NODEINVENTORYDTL\_VW view.

**Solution** The system filters the items in pending state with the corresponding node key instead of only the pending location.

**Defect ID** 377062

**Case ID** 36848,999,616

**Description** The manageCategory API is not able to delete more than 1000 child category under a parent category, when deleting parent category.

## Fix Pack 46

**Defect ID** 371155  
**Case ID** 82947,379,000  
**Description** When the Parent Inbox record is purged using the INBOXPRG agent, in such scenario the INBOXPRG agent never purges the Child Inbox Record associated with the respected parent Inbox record.

**Defect ID** 371945  
**Case ID** 70803,019,866  
**Description** The Real-Time Availability Monitor (RTAM) agent does not publish correct inventory picture while consuming inventory from another organization, when a user performs the following sequence of actions:

1. Configures RTAM agent.
2. Creates a seller organization, E1 under DEFAULT. E1 can consume inventory from DEFAULT.
3. Adjusts inventory for 400 ONHAND and 400 future inventory.
4. Creates an order for 300 quantities, where enterprise is DEFAULT and E1 is the seller organization.
5. Schedules the order and releases it.
6. Runs the RTAM agent in full sync mode. RTAM agent publishes ONHAND availability as 100 and future availability as 400, which is correct.
7. Creates an order for 200 quantities, where enterprise is DEFAULT and E1 is the seller organization.
8. Runs the RTAM agent in full sync mode.  
RTAM agent publishes the inventory picture as  
FutureAvailableQuantity=100.00 and OnhandAvailableQuantity=200.00.

**Defect ID** 373925  
**Case ID** 12454,082,000

**Description** The Invoice details does not display Debit Memo details at the order header level, when a user performs the following sequence of actions:

1. Creates an order with 2 orderlines having ListPrice and UnitPrice.
2. Cancels one of the orderlines which is in Created status.
3. Schedules the order and releases it.
4. Moves the order to Shipped status.
5. Creates a shipment invoice for the order.
6. Adds a new header charges at the order level.

The header charges at order level are not applied on this order.

**Solution:** A new property `yfs.setInvoiceCompleteForCancelledLines`, is introduced. The property sets the `Invoice_Complete` parameter for cancelled lines as Y and allows creation of debit memo in the system. For example, if one orderline in an order is cancelled and the order is invoiced, then the `Invoice_Complete` parameter is set to Y for all the orderlines and order, and creates debit memo.

**Defect ID** 374199

**Case ID** 36723,999,616

**Description** When a user is assigned count tasks in more than one location and the user scans an item, which does not have any task associated with it in a specific location, the system checks for the next count task in a different location. If the task exists in another location and the user executes this task, the system continues to suggest tasks from the same location instead of suggesting them from the previous location.

The following example explains the scenario:

- A user is assigned tasks in locations L1 and L2.
- The user scans an item, which does not have any task associated with it in L1. However, there are other tasks in L1 and L2.
- The system suggests the next task in L2 instead of L1.

**Note:** The system switches the count task only if the user is assigned tasks in more than one location.

**Solution:** If a task associated with an item does not exist in the current location, the system displays an error message.

**Defect ID** 374202

**Case ID** 36726,999,616

**Description** The Cycle Count functionality on the Sterling Mobile Application must allow a user to enter a start location.

**Solution:** When a user logs in to the Sterling Mobile Application and navigates to the "Cycle Count" screen, the user can enter the start location. Based on this, the system suggest the next optimal task. The required information is provided in the *Selling and Fulfillment Foundation: Mobile Application User Guide*.

**Defect ID** 374212

**Case ID** 36718,999,616

## Fix Pack 9.1.0.46

**Description** The *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* must be updated with the information about the system overriding the Start date and time set by the user.

**Solution** The "Physical Count Plan Details" and "Physical Count Plan List" topics of the *Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide* are updated with the required information.

**Defect ID** 375746

**Case ID** 12454,082,000

**Description** The *Sterling Selling and Fulfillment Foundation: Properties Guide* must be updated with the new property "yfs.setInvoiceCompleteForCancelledLines".

**Solution** The "Order Management yfs.properties" topic of the *Sterling Selling and Fulfillment Foundation: Properties Guide* is updated with the required information.

## Fix Pack 45

## Fix Pack 9.1.0.45

**Defect ID** 373865

**Case ID** Internal

**Description** Security issues have been addressed.  
**Note:** For more details, please contact IBM Support.

**Defect ID** 371947

**Case ID** Internal

**Description** The *Sterling Selling and Fulfillment Foundation : Properties Guide* must be updated with the following properties:

- yfs.orderheaderinclause.threshold
- DB2\_ALLOW\_REORG\_STMTS
- DB2\_ALLOW\_REQUIRE\_REORG\_STMTS
- regionlist.match.zipcode.length
- yfs.shipnodeinclause.threshold
- yfs.hotsku.skipLockInventoryitemList
- yfs.orderheaderinclause.threshold
- suppressModTypeValidationForCancelledOrders
- skip\_xml\_declarations\_to\_support\_non\_standard\_rad\_tooling

**Solution:** The following topics of the *Sterling Selling and Fulfillment Foundation : Properties Guide* are updated with the required information:

- Sandbox.cfg Database Properties
- System Management yfs.properties
- Inventory Management yfs.properties
- Order Management yfs.properties
- Implementation yfs.properties

## Fix Pack 44

Fix Pack 9.1.0.44

<b>Defect ID</b>	286390
<b>Case ID</b>	Internal
<b>Description</b>	<p>The system displays the ProdAvailDate value as blank for the second orderline, when a user performs the following sequence of actions and calls the getPossibleSchedules API for the entire order:</p> <ol style="list-style-type: none"> <li>1. Configures the sourcing rules and defines procurement between nodes with some transit days.</li> <li>2. Associates the delivery service with the product.</li> <li>3. Creates a second order line with the same item as that of the first order line.</li> <li>4. Associates the order line with the same delivery service and consolidates the delivery service with the same work order.</li> </ol> <p><b>Note:</b> If an order consists of a ship node and receiving node as the same organization, then it is an invalid configuration. The invalid configuration might lead to exceptions during scheduling the order and the order might not be scheduled properly. Ensure that the ship node and the receiving node on the order are different.</p>
<b>Defect ID</b>	288266
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Receipt Details screen displays an incorrect data, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures a time-sensitive item.</li> <li>2. Creates an inbound shipment for the item.</li> <li>3. Receives the shipment as loose inventory against multiple expiry dates.</li> <li>4. Navigates to the Receipt List screen and clicks the View Detail action. The Receipt Detail screen is displayed.</li> </ol> <p>The Receipt Detail screen displays the total quantity received against one expiry date.</p>
<b>Defect ID</b>	290144
<b>Case ID</b>	Internal
<b>Description</b>	<p>If the Item ID have special characters, for example, &amp;, \$, %, @, and so on, then while performing the outbound pick, the mobile device fails to read the Item ID correctly and throws an "Cannot Override the Suggested SKU" error message, when a user performs the following sequence of actions;</p> <ol style="list-style-type: none"> <li>1. Creates an item, !@#\$\$%^*015AZ10-X(TPH3,F).</li> <li>2. Creates an outbound shipment.</li> <li>3. Moves the shipment to 'Containerize Wave' status.</li> <li>4. Logs in to the Sterling Mobile applications.</li> <li>5. Scans the item, !@#\$\$%^*015AZ10-X(TPH3,F).</li> </ol>

<b>Defect ID</b>	347446
<b>Case ID</b>	Internal
<b>Description</b>	<p>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, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures a task type to perform Order Pick and enables "Suggest multiple tasks and allow user to choose".</li> <li>2. Associates the task type in the Pick Location Assignment configuration.</li> <li>3. Adjusts the inventory for an item in the location.</li> <li>4. Creates multiple shipments.</li> <li>5. Includes the shipments in a wave and releases the wave.</li> <li>6. Logs in to Sterling Mobile Application and selects Outbound Picking activity.</li> </ol> <p><b>Solution:</b> A new ShowTasksByReference JSP parameter is 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 the system displays tasks of single shipment, batch, or wave at a time to the user and suggests deposit screen automatically when the last task of the reference is picked completely.</p>
<b>Defect ID</b>	364323
<b>Case ID</b>	47165,082,000
<b>Description</b>	<p>The <i>Sterling Selling and Fulfillment Foundation : Parcel Carrier Adapter Guide</i> must be updated with the information that for Sterling Pierbridge Adaptor, special service code must be "COD" not "1ZCOD".</p> <p><b>Solution:</b> The <i>Sterling Selling and Fulfillment Foundation : Parcel Carrier Adapter Guide</i> is updated with the required information.</p>
<b>Defect ID</b>	366090
<b>Case ID</b>	49768,082,000
<b>Description</b>	<p>When multiple users attempt to log in to the Console application at the same time without any images pre-cached in their browsers, the application hangs while trying to load images on the console screen causing high CPU usage.</p>
<b>Defect ID</b>	368465
<b>Case ID</b>	21203,999,760
<b>Description</b>	<p>While performing putaway to non-suggested location, the system must also move the inventory with its valid attributes.</p>
<b>Defect ID</b>	368605
<b>Case ID</b>	33916,442,000
<b>Description</b>	<p>When a user attempts to receive an order through the Report/Record Receipt action of the Sterling Application Console, the system displays one extra line to receive having zero quantity.</p>
<b>Defect ID</b>	370335



<b>Case ID</b>	69393,082,000
<b>Description</b>	<p>The status of the order does not change from 'Await Authorization' to 'Authorize', when a user performs the following sequence of actions :</p> <ol style="list-style-type: none"> <li>1. Selects "Authorize Before Scheduling and Delay Reauthorization Until" flag in the Payment Rule.</li> <li>2. Creates an order with 4 orderlines, OL1, OL2, OL3, and OL4 having amount 30.9, 40.8, 50.5 and 30.9 with RequestedDeliveryDate as T+1, T+2, T+3, and T+4.</li> <li>3. Adds credit card payment method and authorizes the payment.</li> <li>4. Schedules the order and releases the OL1, OL2, and OL3 individually.</li> <li>5. Creates 3 shipments for 3 releases.</li> <li>6. Schedules the OL4 and un-schedules it.</li> <li>7. Creates invoice for OL1, OL2, and OL3.</li> <li>8. Runs the processOrderPayments agent.</li> </ol>
<b>Defect ID</b>	370826
<b>Case ID</b>	85888,082,000
<b>Description</b>	<p>The system displays an "YFC0009 - Update failed" error message, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Selects "Collect Externally Through AR" and "Do not select Settlement and Authorization required" flags in the Payment Rule.</li> <li>2. Creates an order.</li> <li>3. Runs the requestCollection agent.</li> <li>4. Schedules the order and releases it.</li> <li>5. Ships the order.</li> <li>6. Creates a shipment invoice.</li> <li>7. Runs the requestCollection agent.</li> <li>8. Attempts to add a header discount.</li> </ol>
<b>Defect ID</b>	370935
<b>Case ID</b>	21699,999,760
<b>Description</b>	<p>For a warehouse user 'Retrieve Pack and Hold Shipments' action are visible in the Outbound Shipment List and Load List consoles, but the user is not able to remove the action permission from the User Group Permission settings in the configurator.</p>
<b>Defect ID</b>	371551
<b>Case ID</b>	00451,379,000
<b>Description</b>	<p>When the YFSGetDeliveryLeadTimeUE user exit is called for procurement, the system does not populate the PersonInfoShipTo and PersonInfoShipFrom elements.</p>
<b>Defect ID</b>	371650
<b>Case ID</b>	00560,379,000
<b>Description</b>	<p>If configuration data dump is enabled, NullPointerExceptions are observed during any API call, when multiple users simultaneously attempts to invoke the APIs.</p>

**Defect ID** 372163  
**Case ID** Internal  
**Description** If configuration data dump is enabled and an API is called from within another API, then in such a scenario, the inner API closes the configuration data collection for the outer API.

**Defect ID** 372164  
**Case ID** Internal  
**Description** When configuration data dump is enabled, it does not capture all the properties which are read during an API call.  
**Solution:** All the properties that are accessed through the YFCConfigurator are captured by the configuration data dump feature.

**Defect ID** 372166  
**Case ID** Internal  
**Description** If configuration data dump XML is captured with verbose tracing turned on for an API, then the following conditions must be set:

1. The database records present in the XML with blank attributes must be removed to trim the size of the dump XML.
2. The order in which the records are displayed in the dump XML must be same as the order accessed during the API call. Currently, the records are displayed in random order.

## Fix Pack 43

**Defect ID** 284331  
**Case ID** Internal  
**Description** The system displays a zero inventory record, when a user performs the following sequence of actions:

1. Configures a Zone (Z1) with two locations (L1 and L2) and sets mix SKU for zone as "Never Allowed".
2. Configures putaway strategy for Single SKU and Multi SKU to deposit inventory in Z1.
3. Configures putaway strategy to split pallet and performs putaway for each SKU separately.
4. Enables putaway on Product Receipt.
5. Creates an inbound shipment with 2 shipment lines having item I1 and I2.
6. Receives the inbound shipment in a pallet.  
The system generates putaway for each SKU to different locations L1 and L2.
7. Logs in to the Sterling Mobile Applications.
8. Performs putaway for each SKU in L1 and L2.

**Defect ID** 285397

**Case ID** Internal

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

**Defect ID** 285415

**Case ID** Internal

**Description** The system creates a zero quantity orphan inventory records, the orphan inventory record is retained even after completing the task in the location, when a user performs the following sequence of actions:

1. Configures two FIFO tracked items, I1 and I2.
2. Configures putaway preference and sets multi SKU pallet as loose SKU to distinct locations.
3. Configures the 'yfs.deposit.units.separately.for.tasktypes' property to deposit each SKU separately.
4. Creates an inbound shipment for the SKUs and receives the shipment in a pallet.
5. Creates a move request for the pallet.
6. Performs putaway for multi SKU pallet by overriding the target location of the last SKU deposited.

**Defect ID** 341816

**Case ID** 06266,379,000

**Description** The getOrderLineList API causes performance degradation for large number of orders. The API uses SQL IN clause with large number of Order Header Keys, causing the performance issue.

**Solution:** The SQL query is split into multiple queries using the yfs.orderheaderinclause.threshold property. This property specifies the values in the IN clause to split the query. The default value is 999.

**Defect ID** 348845

**Case ID** 19505,057,649

**Description** The system throws InvocationTargetException error for IBM JDK, when a user performs the following sequence of actions:

1. Selects "Authorize Before Scheduling and Delay Reauthorization Until" flag in the payment rule.
2. Selects "Do not Consolidate Settlement or Refund requests across Invoices" flag in the financial rule.
3. Creates an order with an order total.
4. Runs the requestCollection API.

The system throws NullPointerException, when a user performs the following sequence of actions:

1. Selects "Authorize Before Scheduling and Delay Reauthorization Until" flag in the payment rule.
2. Selects "Do not Consolidate Settlement or Refund requests across Invoices" flag in the financial rule.
3. Creates an order with an order total.
4. Ships the order.
5. Creates an invoice.
6. Runs the requestCollection API.

**Defect ID** 358590

**Case ID** 35825,999,616

**Description** A user exit must be introduced to override the distribution group for Real-Time Availability Monitor agent.

**Solution:** A new YFSGetOverriddenDGForItemUE user exit is introduced to override the distribution group for Real-Time Availability Monitor agent. The user exit is driven by an 'Override Default Distribution Group for Real-Time Availability Monitor' attribute set at Item or Classification level. The distribution group returned by the YFSGetOverriddenDGForItemUE user exit is used for availability monitoring.

For more information about the YFSGetOverriddenDGForItemUE user exit, refer the *Sterling Selling and Fulfillment Foundation: Javadocs*.

**Note:**

- The distribution group is stamped for enterprise level inventory alerts going forward.
- The distribution group used by the Real-Time Availability Monitor agent must not be used in the manageInventoryAlerts API and vice versa.
- Run the Real-Time Availability Monitor agent in full sync mode after applying this fix pack and before implementing the YFSGetOverriddenDGForItemUE user exit, to stamp the distribution group on existing enterprise level inventory alerts.

**Defect ID** 368556

**Case ID** 67577,082,000

**Description** Pack station does not display the lists of stations, if blank requested tag attributes are present at the shipment line level.

**Defect ID** 369679, 369523

**Case ID** 69304,082,000, 68951,082,000

**Description** When tag items are used with fractional quantities and availability information for such item is required, the demand supply matching logic goes into an infinite loop in some scenarios. For example, subtracting demand from supply results into an infinitesimal quantity. As a result, the server hangs due to very high CPU utilization.

**Defect ID** 369704

**Case ID** Internal

**Description** The information for YFSGetItemNodeCostForSourcingUE user exit is modified in the *Sterling Selling and Fulfillment Foundation: Javadocs*.

**Defect ID** 369807

**Case ID** 69510,082,00

**Description** The confirmShipment API does not honor double decimal conversion, while confirming the shipment.

## Fix Pack 42

**Defect ID** 289297

**Case ID** Internal

**Description** The Shipment Picked event is not raised during a retrieval short pick scenario, when a user performs the following sequence of actions:

1. Ensures that the inventory exists in the system for two items, for example, I1 and I2.
2. Creates an outbound shipment with two shipment lines as follows:
  - Shipment Line 1 containing I1 with quantity as one.
  - Shipment Line 2 containing I2 with quantity as one.
3. Configures the retrieval strategy.
4. Calls the retrieveShipment API such that a move request is created with two tasks; task T1 for I1 and task T2 for I2.
5. Completes the task T1.
6. In the Shipment Details Screen, updates the Shipment Line 2 with zero quantity.

The task T2 is cancelled and the shipment execution status is Pick Completed.

**Defect ID** 290874

**Case ID** Internal

**Description** The changeShipment API it throws an “Shipment Line quantity cannot be less than sum of tagged quantity of the line and containerized quantity” error message, when a user performs the following sequence of actions:

1. Creates a shipment for an item with quantity as 1.66.
2. Runs the changeShipment API to create two containers; one with quantity as 1.00 and another with quantity as 0.66.

**Defect ID** 310448

**Case ID** Internal

**Description** 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:

1. Configures an enterprise.
2. Creates multiple nodes that participates with the enterprise.
3. Configures a corporate count program for item classifications to create count at item level task for the enterprise in all the Participating nodes.
4. Adjusts the inventory for items associated to the enterprise in the Participating nodes.
5. Runs the ExecuteCountProgram agent.

**Defect ID** 340463

**Case ID** Internal

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

1. Creates a task type with the "Suggest multiple tasks and allow user to choose" option selected.
2. Associates the created task type in the Pick Location Assignment configuration.
3. Creates inventory for two SKUs from two 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.

**Defect ID** 357647

**Case ID** Internal

**Description** The HotSKU initially blocks the items for a very long time. This is because the HotSKU attempts to lock the SKU to calculate its inventory availability, after it determines that the item is hot.

**Solution:** A new property, `yfs.hotsku.skipLockInventoryitemList`, is introduced for HotSKU. This property accepts a list of comma-separated items. For example,  
`yfs.hotsku.skipLockInventoryitemList=DVP6723040,TV0001A5F21,A1,A2,B,C,D4,E`.  
 The YFS\_INVENTORY\_ITEM table is not locked for these items initialized in the property.

**Defect ID** 360763

<b>Case ID</b>	49737,379,000
<b>Description</b>	When HotSKU is enabled and items with unplanned inventory exist in the system, the items with unplanned inventory get locked multiple times in the same thread even though they have turned hot.
<b>Defect ID</b>	363574
<b>Case ID</b>	61982,442,000
<b>Description</b>	When the YFSGetDistanceForNodeListUE user exit is implemented and the distance based sourcing rule is configured, a "Cannot be cast to com.yantra.yfs.japi.ue.YFSGetDistanceForNodeListUE" exception is thrown if the findInventory API is called.
<b>Defect ID</b>	363713
<b>Case ID</b>	68637,999,744
<b>Description</b>	The getShipmentDetails API default output template is enhanced to include the airway bill number parameter.
<b>Defect ID</b>	365984
<b>Case ID</b>	20535,999,760
<b>Description</b>	A large number of "Cannot set header. Response already committed." warning messages are logged in the SystemOut.log for the Websphere Application Server.
<b>Defect ID</b>	367123
<b>Case ID</b>	75035,023,724
<b>Description</b>	A null pointer exception is observed when executing the Purge Inventory Reservation time triggered transaction for tag controlled items.
<b>Defect ID</b>	367802
<b>Case ID</b>	32326,442,000
<b>Description</b>	The reserved demand against an item with unplanned inventory is not being consumed by the createOrder API.
<b>Defect ID</b>	367916
<b>Case ID</b>	70368,019,866
<b>Description</b>	The messages produced by an agent are expected to be always non-persistent. However, the agent relies on the default delivery mode of the JMS vendor.
	<b>Solution:</b> The delivery mode is set as non-persistent for agent messages.
<b>Defect ID</b>	368147
<b>Case ID</b>	66699,082,000

## Fix Pack 9.1.0.42

**Description** The confirmShipment API throws a "Tag mandatory for item" exception message, when a user performs the following sequence of actions:

1. Configures a tag-controlled item with inventory UOM as EACH.
2. Creates a shipment with 1.5 quantity of the above item.
3. Packs one quantity of the item with lot information in a container.
4. Packs 0.5 quantity of the item with lot number in another container.
5. Confirms the shipment.

**Defect ID** 368542

**Case ID** 67570,082,000

**Description** During packing in a pack station, the application sometimes fails during comparison of double quantity values and an "Invalid quantity break up" error message is thrown.

**Solution:** The application has been fixed to round off the double quantities before comparison.

**Defect ID** 368650

**Case ID** 67756,082,000

**Description** The user is unable to delete the inventory reservation that was created for a tag controlled item from the application console.

**Defect ID** 369144

**Case ID** Internal

**Description** For an exchange order in a return-exchange scenario, the 'Item Description' field is not localized in the following screens:

- Appointment Summary
- Manage Service Groupings
- Choose Appointment

**Defect ID** 369866

**Case ID** Internal

**Description** The application reads the value of the `yfs.logall` property several times during a process. This property must be read only once during server startup and then reused later.

## Fix Pack 41

## Fix Pack 9.1.0.41

**Defect ID** 287601

**Case ID** Internal

**Description** When a user creates a count request at item classification level for a location that has more than 1000 items, the system displays an incorrect list of items for the location during the execution of the count tasks.



<b>Defect ID</b>	290867
<b>Case ID</b>	Internal
<b>Description</b>	When the removeShipmentFromWave API is invoked on the HAS_EXCEPTION event of the CONTAINERIZE_WAVE transaction, the removeShipmentFromWave API throws a java.io.nullpointerexception while removing a shipment from a wave.
<b>Defect ID</b>	355520
<b>Case ID</b>	64305,999,760
<b>Description</b>	Consolidation of orderline ship date is not working correctly, when user performs the following sequence of actions: <ol style="list-style-type: none"> <li>1. Configures the Scheduling Rules.</li> <li>2. Navigates to Supply Collaboration &gt; Logistic Attribute &gt; Other Rules - Fixed transit days configured.</li> <li>3. Checks "Optimize on - Cost,Number of shipments" flag.</li> <li>4. Calls the scheduleOrder API for orders having orderlines with requested delivery date stamped.</li> </ol>
<b>Defect ID</b>	359086
<b>Case ID</b>	09058,019,866
<b>Description</b>	An orderline does not move to configured drop status, as the system incorrectly identifies that transaction dependency is not met, when a user performs the following sequence of actions: <ol style="list-style-type: none"> <li>1. Creates two transactions, TRAN1 and TRAN2, extending from ChangeOrderStatus base transaction.</li> <li>2. Modifies the sales order pipeline so that after an order is released, it can either go through TRAN1 or TRAN2.</li> <li>3. Configures the pick up and drop statuses for the newly created transactions.</li> <li>4. Configures transaction dependency rules, such that TRAN2 can be run if TRAN1 is completed for zero hours for any line.</li> <li>5. Creates an order with three orderlines having order line keys, OLK1, OLK2, and OLK3.</li> <li>6. Schedules the order and releases it.</li> <li>7. Calls the changeOrderStatus API to execute TRAN1 for OLK1. OLK1 is moved to the configured drop status.</li> <li>8. Calls the changeOrderStatus API to execute TRAN2 for OLK2.</li> </ol>
<b>Defect ID</b>	359597
<b>Case ID</b>	31632,122,000
<b>Description</b>	The changePassword API does not throw an exception, when the new password is the same as the current password.  <b>Solution:</b> The changePassword API throws "The new password matches one of the old password." exception, when the new password is same as the current password.
<b>Defect ID</b>	363595

<b>Case ID</b>	09892,019,866
<b>Description</b>	<p>A security issue is addressed in the application console.</p> <p>If a customer has extended any screen in the application console, then they may need to address the issue in their extensions.</p> <p>For more details, please contact IBM Support.</p>
<b>Defect ID</b>	365898
<b>Case ID</b>	30491,442,000
<b>Description</b>	<p>The system throws an "ORA-01858: a non-numeric character was found where a numeric was expected" exception, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Creates an item M1 and publishes it.</li> <li>2. Creates two active price lists which are open for all consumers and includes the item M1 in one of them.</li> <li>3. Calls the getPricelistLineListforItem API for the item M1.</li> </ol>

## Fix Pack 40

<b>Defect ID</b>	286116
<b>Case ID</b>	Internal
<b>Description</b>	<p>When an item which is shared across multiple catalog organization is scanned through the Sterling Mobile application during inventory inquiry, and if the node has a single enterprise maintained with their own catalog and inventory organization with it, then the system must not provide an option for a user to select the single enterprise associated with the item.</p>
<b>Defect ID</b>	289295
<b>Case ID</b>	Internal
<b>Description</b>	<p>The system displays the "Container already packed" error message when depositing a container through the Sterling Mobile application, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures the Batch Pick task type to perform pick into container and pack while pick.</li> <li>2. Configures Pick Location Assignment to perform batch pick and associates with the Batch Pick task type.</li> <li>3. Configures a container pipeline to ensure that the status of the container is changed after packing.</li> <li>4. Creates a shipment, includes it in a wave, and releases the wave.</li> <li>5. Logs in to the Sterling Mobile application to perform the Outbound Pick Activity.</li> <li>6. Picks inventory into a container and deposits the container.</li> </ol>
<b>Defect ID</b>	289708
<b>Case ID</b>	00361782

**Description** The *Sterling Selling and Fulfillment Foundation : Mobile Application User Guide* must be updated with the information that a user must pick an inventory on an equipment or a container while picking to avoid inventory allocation issues during execution.

**Solution:** The *Sterling Selling and Fulfillment Foundation : Mobile Application User Guide* is updated with the required information.

**Defect ID** 290127

**Case ID** Internal

**Description** The system throws an "Invalid Line" exception while retrieving information of the removed line for raising the ON\_SUCCESS event, when a user performs the following sequence of actions:

1. Enables the ON\_SUCCESS event for the Change Return transaction.
2. Creates an order with 2 order lines.
3. Ships the order.
4. Creates a return order for the first order line.
5. Removes the first order line and attempts to add the second order line in the return order and confirms it.

**Defect ID** 302701

**Case ID** Internal

**Description** The system throws a "Cannot deallocate location inventory" exception and inventory allocation done is incorrect, while picking through the Sterling Mobile application, when a user performs the following sequence of actions:

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

**Defect ID** 311626

**Case ID** 00387055

**Description** The system throws a "Tag tracking mandatory for the item" exception during task completion, when a user performs the following sequence of actions:

1. Enables ON\_RECEIPT\_COMPLETE event on RECEIPT\_COMPLETE transaction.
2. Configures an item as sometimes batch-tracked and serial-tracked.
3. Creates an inbound shipment for the configured item.
4. Confirms the shipment and receives it.  
**Note:** While receiving this shipment, you must not provide any value for batch-tracked.
5. Performs putaway task for the received inbound shipment.

**Defect ID** 336137

**Case ID** 92695,379,000

<b>Description</b>	The <i>Sterling Selling and Fulfillment Foundation : Customizing the Rich Client Platform Interface Guide</i> must be updated with the information on how to extend the Rich Client Platform applications by adding or hiding navigator task in the user interface.  <b>Solution:</b> The <i>Sterling Selling and Fulfillment Foundation : Customizing the Rich Client Platform Interface Guide</i> is updated with the required information.
<b>Defect ID</b>	345713
<b>Case ID</b>	Internal
<b>Description</b>	Running the query for Execute Count Program agent fetches all the shipments and items records, even if Count Program is set up at Enterprise level.
<b>Defect ID</b>	354507
<b>Case ID</b>	Internal
<b>Description</b>	When the install_info.xml utility present in the <install_dir>/properties directory is run using the command, sci_ant.cmd -f ..\properties\install_info.xml, it throws an exception.  <b>Solution:</b> The install_info.xml utility is fixed, so that it can be invoked using the following steps;  Go to <install_dir>/bin, where <install_dir> is the installation directory, and run the following command:  For Windows: sci_ant.cmd -f ..\properties\install_info.xml.  For Unix: sci_ant.sh -f ..\properties\install_info.xml.
<b>Defect ID</b>	357712
<b>Case ID</b>	91673,082,000
<b>Description</b>	The <i>Sterling Selling and Fulfillment Foundation : Properties Guide</i> must be updated with the new property yfs.prevent.packwhilepick.containers.during.packing".  <b>Solution:</b> The <i>Sterling Selling and Fulfillment Foundation : Properties Guide</i> is updated with the required information.
<b>Defect ID</b>	358961
<b>Case ID</b>	Internal
<b>Description</b>	"DBContext not set in DBObject" exception is thrown when the getPossibleSchedules API is invoked for an order which has no address stamped on it.
<b>Defect ID</b>	362594
<b>Case ID</b>	Internal

## Fix Pack 9.1.0.40

**Description** When First Failure Data capture (FFDC) is enabled, by setting the yfs.api.configuration.dump.mode property to 'ON\_ERROR' or 'ON\_ERROR\_AND\_VERBOSE' in the customer\_overrides.properties, it is observed that the getOrderLineDetails API takes more time.

**Solution:** The FFDC logic is enhanced, so that it will collect only the 'Primary Key' of the database records which are captured during the execution of any API with FFDC enabled. Due to this, the time taken to convert the database object into XML is reduced considerably.

**Defect ID** 362982

**Case ID** 75653,057,649

**Description** The compilation of generated rules for a configurable model fails with "code too large" exception for a model having huge number of rules.

## Fix Pack 39

## Fix Pack 9.1.0.39

**Defect ID** 285293

**Case ID** Internal

**Description** The system displays the Serial scan pop-up window, when a user performs the following sequence of actions:

1. Configures a Serialized Item.
2. Configures Shipping Node and Receiving Node to have "Exclude Serial capture for transfers" Flag checked.
3. Creates the transfer order for the serialized item.
4. Schedules the order and releases it.
5. Creates an outbound Shipment with the created transfer order.
6. Navigates to Pack HSDE screen and scans the created shipment ID in the scan identifier.
7. Scans the item ID and Quantity.

**Defect ID** 289285

**Case ID** Internal

**Description** The getLPNDetails API and getNodeInventory API does not provide the item information, when a user performs the following sequence of actions:

1. Creates an empty LPN in location.
2. Creates a child LPN for the LPN created in step 1, with the child LPN containing inventory for an item.
3. Performs adhoc move for the parent LPN such that allocation is created for the full parent LPN.
4. Invokes the getLPNDetails API or getNodeInventory API for the parent LPN with getNodeInventory API template having PendOutQty attribute.

**Defect ID** 335026

**Case ID** Internal

**Description** The system prompts for the Lot Number even after it passes along with the 2D barcode, when a user performs the following sequence of actions:

1. Logs in to the application.
2. Navigates to Warehouse Management > System Administration > Bar Codes > Pack SKU Initiation > Add External Barcode.
3. Configures a tag-controlled item with Lot Number as the tag identifier.
4. Adjusts inventory for the tag-controlled item and ensures that there are more than one Lot Number in the pack station location.
5. Creates a shipment for the tag-controlled item and navigates to the pack HSDE screen.
6. Selects the Pack station.
7. Scans the shipment in Scan Identifier.
8. Scans the 2D barcode for that item in the SKU field.

**Defect ID** 345693

**Case ID** Internal

**Description** The Pick List Purge agent does not pick any record. As a result none of the records get purged, when a user performs the following sequence of actions:

1. Configures Pick List Purge and does not set Ship Node.
2. Creates records in the YFS\_PICK\_LIST table.
3. Runs the Pick List Purge agent.

**Solution:** The Pick List Purge agent considers all the nodes, if the Ship Node value is blank. Otherwise, it specifically selects the records of the Ship Node set in the Agent Criteria Parameters to purge.

**Defect ID** 350156

**Case ID** 35583,999,616

**Description** When a mobile user logs in to the Yantra Mobile Application in the RF device and clicks the INFO button, the client version is displayed as UNKNOWN.

**Solution:** The current version of the Mobile Application client is displayed in the INFO page.

**Defect ID** 354124

**Case ID** Internal

**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" rule for tasks to be included in a batch.
2. Enables "Captures serial in inbound "only for "return inbound" for respective ship node.
3. Creates inbound order for a serialized item.
4. Receives the inbound order and does batching using "confirm with details".

**Defect ID** 355159

**Case ID** 08933,019,866

**Description** An alert does not get raised when an order moves from higher to lower status, when a user performs the following sequence of actions:

1. Creates a milestone monitor for the sales order pipeline to raise a monitor event as given below:
  - Configures the milestone for order level with Release2 as the status.
  - Creates a custom date type.
  - Creates a monitor rule for MNRBD (Milestone not reached before a date) type rule against custom date type created.
2. Creates an order with DateTypeId = custom date type and ExpectedDate = currentdate.
3. Schedules the order and releases it.
4. Calls the changeOrderStatus API to bring order to Release1 status.
5. Runs the orderMonitor agent. Alert is raised.
6. Modifies the order status to 3200.5000 and then to 3200.1000.
7. Runs the orderMonitor agent.

**Solution:** The milestone records in the YFS\_ORDER\_DATE table must be removed. A new flag is introduced to handle these scenarios:

ResetMileStoneStatus attribute is introduced for the OrderDates element at Order level. The attribute takes status as the input and based on that the system finds milestone records and order dates records corresponding to that milestone, and deletes the order date record, so that next time alert is generated.

**Defect ID** 359078

**Case ID** 88150,004,000

**Description** The syncLoadedInventory API generates large number of YFS\_OBJECT\_LOCK records.

**Solution:** The child locks created by the syncLoadedInventory API are removed from YFS\_OBJECT\_LOCK, at the end of the syncLoadedInventory API.

**Defect ID** 360329

**Case ID** 43809,122,000

**Description** The default Sourcing Rule is not operating as expected or consistently and consolidates the shipments, when a user performs the following sequence of actions:

1. Configures Scheduling Rule to optimize on Priority and under Priority check to consider the distance between ship-to and ship-from locations for prioritization and fill Weightage given to Distance and Node as 1 each.
2. Configures four nodes, N1, N2, N3 , and N4 with latitudes and longitudes.
3. Creates 2 items, item1 and item2.
4. Adjusts inventory for item1 and item2, as follows:
  - item1 - 2, 10, 10 quantities at N1, N3, and N4 ship nodes respectively.
  - item2 - 3, 10 quantities at N2 and N3 ship nodes respectively.
5. Creates an order with 2 order lines for item1 and item2 having 10 quantities each.
 

**Note:** When the order is created distance of nodes from ship to address is N1 < N2 < N3 <N4.
6. Schedules the order.
 

For item1 order is getting scheduled from N1 and N3 having 2 and 8 quantity respectively which is fine, as N1 is nearer than N3. But for item2, the order is getting scheduled from N4 completely. Item2 must have been scheduled from N2 and N4 with 3 and 7 quantity respectively because N2 is nearer than N4.

**Defect ID** 361483

**Case ID** 36814,442,000

**Description** The YFSGetItemNodeCostForSourcingUE user exit must be enhanced to include ShipToAddress element in the input XML.

**Solution:** The YFSGetItemNodeCostForSourcingUE user exit is enhanced. The input XML is made template controlled.

**Defect ID** 361828

**Case ID** 36047,999,616

**Description** The inventory shortage alert description does not lists all the items having inventory shortage, when a user performs the following sequence of actions:

1. Creates a shipment for around 30-40 items for which inventory is not available in the node.
2. Includes the shipment in a wave.
3. Configures releaseWave events to raise inventory shortage alert.
4. Releases the wave.

**Defect ID** 362055

**Case ID** 45477,082,000



**Description** The YFSExtnInputHeaderChargesShipment input parameter of the YFSGetHeaderChargesForShipmentUE user exit does not contain shipment key.

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

## Fix Pack 38

**Defect ID** 285105

**Case ID** Internal

**Description** When an item shared across 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.

**Defect ID** 286765

**Case ID** Internal

**Description** The ExecuteCountProgram agent does not create a count request for all the nodes correctly, when a user performs the following sequence of actions:

1. Creates an enterprise and creates 4 child wms nodes and one non-wms node for that enterprise.
2. Creates 5 items (of different item types).
3. Associates the items with classification, Velocity Code:A.
4. Creates a count program.
5. Configures EXECUTE\_COUNT\_PROGRAM transaction without any criteria.
6. Adjusts the inventory for items associated with the enterprise in these nodes.
7. Runs the ExecuteCountProgram agent.

**Defect ID** 288771

**Case ID** Internal

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

1. Creates an enterprise with a child node of it.
2. Creates the items for above enterprise with classification velocity code A and B.
3. Creates count program for the created enterprise.
4. Specifies the node for the count program with cycle count as request type.
5. Creates a new calender with the effective period as the current date and the next day (the next day is non-working day).
6. Creates conditions, c1 and c2.
7. Configures agent with criteria, such as valid Node and Program name values.
8. Adjusts inventory at few locations for above items at the respective node.
9. Runs the ExecuteCountProgram agent.

**Defect ID** 322791

**Case ID** Internal

**Description** The system must scan and translate the ShipBydate entry for time-sensitive item in the following stations:

- VAS
- PACK
- Receiving

**Solution:** A new ExpirationDate barcode type is exposed. The user must implement an external translator for this bar code type to identify the expiration date information from the scanned bar code.

**Defect ID** 343125

**Case ID** Internal

**Description** An error message "record already exists" is displayed while packing a shipment, when a user performs the following sequence of actions:

1. Configures a time-sensitive item.
2. Creates a shipment for 2 units of the configured item.
3. Adjusts inventory for 20 units of the item with multiple expiry dates in pack location.
4. Packs the shipment in the Pack HSDE screen by adding 1 unit of the item in a container and specifies the expiration date.
5. Packs the shipment in the Pack HSDE screen by adding 1 more unit of the item to the same container and specifies the expiration date.

**Defect ID** 352073

**Case ID** 12232,100,838

**Description** The system throws a "BILLTO is disallowed because none of the statuses are set to 'allow'" exception, even though all the statuses are set to 'allow' in the modification rules, when a user performs the following sequence of actions in a single changeOrder API call:

1. Cancels all the orderlines.
2. Adds one or more new orderlines in the same order.
3. Calls the changeOrder API to update the BillTo or ShipTo addresses.

**Solution:** A new property, suppressModTypeValidationForCancelledOrders, is introduced in the yfs.properties file. The default value of this property is N. A user must set the value of this property in the customer\_overrides.properties file as yfs.yfs.suppressModTypeValidationForCancelledOrders=Y.

By setting the suppressModTypeValidationForCancelledOrders property to Y, the modification rules will not be considered only when the order is in Cancelled status.

**Defect ID** 356463

**Case ID** 31530,379,000

**Description** When change price and request settlement (or invoice) are in Open status, on invoking the requestCollection API, the authorization is consumed by the charge and also creates auth reversal record for the same amount. Due to this behavior, a large number of authorization requests are created on subsequent runs.

**Defect ID** 357849

**Case ID** 21123,082,000

**Description** When the changeOrderSchedule API is invoked, it does not allow a user to change the tag attribute to blank value.

**Defect ID** 358571

**Case ID** 09416,019,866

**Description** The security related issues for out-of-box JSP pages must be addressed.

**Defect ID** 359522, 302638

**Case ID** 48326,379,000

**Description** Multi-threaded support is required for the Consolidate Additional Inventory agent.

## Fix Pack 37

**Defect ID** 353140

**Case ID** 01903,49R,000

## Fix Pack 9.1.0.37

**Description** When running the Real Time Availability Monitor (RTAM) agent, if a distribution group is passed as part of the agent criteria in the RTAM, then it must override the existing default distribution group and the node level distribution group, if the enterprise level RTAM and the node level RTAM respectively, are used.

## Fix Pack 36

## Fix Pack 9.1.0.36

**Defect ID** 284734

**Case ID** Internal

**Description** The system disregards the segment details and throws an "YDM00239; Could not identify matching Shipment line" error message, when a user performs the following sequence of actions:

1. Configures standard packing.
2. Packs a shipment line from an LPN with segmented inventory directly into an outbound container.

**Defect ID** 346599

**Case ID** 71020,082,000

**Description** The system does not print the information of cart locations and carton sizes in the Cart Manifest Batch Sheet, when a warehouse user performs the following sequence of actions:

1. Configures an item.
2. Configures an equipment type with multiple slots and creates an equipment.
3. Configures a task type to perform system suggested batching by associating the above equipment type.
4. Configures Pick Location Assignment to perform Batch Picking by associating the above task type.
5. Creates multiple shipments for the item and includes the shipments in a wave.
6. Releases, containerizes, and batches the wave.
7. Logs into the IBM Sterling Application Console and navigates to the Batch Details screen.
8. Clicks the "Print" action and selects the "PrintTaskList" service.

**Defect ID** 352362

**Case ID** 64666,442,000

**Description** The Allow Average Cost and Inventory Value synch does not display correct values when the adjustingInventory flag is enabled.

**Defect ID** 353925

**Case ID** 91673,082,000

- Description** The system suggests a system defined container that was created to be packed during picking for Item I2, when a warehouse user performs the following sequence of actions:
1. Configures two items, for example, I1 and I2.
  2. Configures two task types, for example, TT1 and TT2.
    - a. TT1 is performed by picking inventory on to totes and packing is done at a Pack Station.
    - b. TT2 is performed by picking inventory on to a system suggested outbound container with 'pack while pick' enabled.
  3. Adjusts inventory for I1 and I2 in two zones, for example, Z1 and Z2 respectively.
  4. Configures Pick Location Assignment such that Z1 is associated to task type TT1 and Z2 is associated to task type TT2.
  5. Creates a shipment for I1 and I2.
  6. Includes the shipment in wave, releases and containerizes the wave.
  7. Completes pick tasks originating from Zone Z1 by picking inventory onto totes and depositing totes in the pack station.
  8. Logs into the Application Console and selects "Pack Station" menu.
  9. Scans the Shipment# in the Pack Initiation field of Pack HSDE screen.

**Solution:** A new system property, `yfs.prevent.packwhilepick.containers.during.packing`, is provided to prevent the system from suggesting a system defined container that needs to be packed during picking. Set the property to Y to prevent the system from suggesting such container in Pack HSDE screen on scanning shipment. If this property is not set or set to N, the system retains the current behavior.

**Defect ID** 354600

**Case ID** 92508,082,000

- Description** The IBM Sterling Mobile Application mandates user to scan lot information during count, when a warehouse user performs following sequence of actions:
1. Configures a sometimes tag controlled item I1 with Lot Number as Tag Identifier.
  2. Configures a count task type and enables the "Capturing Inventory Attributes is Mandatory" flag.
  3. Adjusts inventory for item I1 in location L1 without any Lot Number.
  4. Logs into IBM Sterling Mobile Application and selects "Manual Count" menu.
  5. Scans the Location L1 and Item I1.
  6. Counts the Item I1 and Clicks on "Go" button by not scanning any Lot Number.

The system throws "Please Enter Value" exception.

**Defect ID** 356410

**Case ID** 92840,082,000

- Description** When the `YFSGetAvailabilityCorrectionsUE` user exit is implemented and the `CheckInventory` is passed as N in the API input, the `ReserveAvailableInventory` API does not reserve inventory for a tag item.

## Fix Pack 9.1.0.36

<b>Defect ID</b>	356515, 357025
<b>Case ID</b>	Internal, 94727,082,000
<b>Description</b>	<p>The system creates a variance for the item even when user counts inventory correctly, when a warehouse user performs following sequence of 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. Adjusts inventory for item I1 in location L1 with Lot Number as L1 for six quantities.</li><li>3. Adjusts inventory for item I1 in location L1 without any Lot Number for four quantities.</li><li>4. Logs into IBM Sterling Mobile Application and selects the "Manual Count" menu.</li><li>5. Scans the Location L1 and Item I1.</li><li>6. Counts the Item I1 by scanning Lot Number L1 with count quantity as six.</li><li>7. Counts the Item I1 by not scanning any Lot Number with count quantity as four.</li><li>8. Completes the count.</li></ol>

<b>Defect ID</b>	356860
<b>Case ID</b>	20247,082,000
<b>Description</b>	After unpacking an inventory case from a packed outbound container, the Pack HSDE screen does not display the "Close Container" button to the warehouse user to complete packing for the partially unpacked container.

## Fix Pack 35

## Fix Pack 9.1.0.35

<b>Defect ID</b>	289670, 350006
<b>Case ID</b>	Internal
<b>Description</b>	<p>Huge Query is fired on YFS_ADDITIONAL_ATTRIBUTE table causing performance issues, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"><li>1. Configures Item Quantity Pricing Rule for attributes.</li><li>2. Assigns huge number of attributes to the items in the Master catalog.</li><li>3. Calls the getItemPrice API for the items.</li></ol>

<b>Defect ID</b>	314217
<b>Case ID</b>	00256148
<b>Description</b>	<p>The getRegionList API must support filtering of the best match regions, so that the length of the zip code provided in the input is same as the length of the 'from' and 'to' zip codes configured for the regions.</p>

**Solution:** A new 'regionlist.match.zipcode.length' property is introduced in yfs.properties.

The default value of the 'regionlist.match.zipcode.length' property is false. If the value is set to true, then the getRegionList API returns only those best match regions for which the length of the input zip code is same as the length of the 'from' and 'to' zip codes configured for the region.

**Defect ID** 318994  
**Case ID** Internal  
**Description** Performance of the findInventory API becomes slow, if the number of nodes are more.

**Defect ID** 338872  
**Case ID** 62088,999,760  
**Description** The Currency list on the Create Price List screen does not display any currencies, when a user performs the following sequence of actions:

1. Logs in to the Applications Manager.
2. Navigates to the Application Platform > Internationalization > Currency Definitions.
3. Creates a new currency with 'Prefix Symbol' defined as "\".
4. Logs in to the Sterling Business Center application and checks for the newly added currency in the Currency list on the Create Price List screen.

**Defect ID** 339855  
**Case ID** 75123,49R,000  
**Description** When the getCompleteOrderDetails API is invoked, it takes a long time to load the BOM properties, when the BOMProperties tag is specified in the output XML template.

**Defect ID** 348750  
**Case ID** 79899,49R,000  
**Description** When Real-Time Availability Monitor (RTAM) agent is configured in full sync mode, it publishes availability of bundle parent item multiple times. An extra message for bundle parent is published for each component.

**Defect ID** 349210  
**Case ID** 86033,004,000  
**Description** When a database user that is different from database schema owner, tries to install a 9.1 fix pack, the system throws an "user does not have permission to create index" error for Oracle DB.

**Defect ID** 349773  
**Case ID** 19878,057,649  
**Description** The searchCatalogIndex API does not return the new item in one of the locale, when a user performs the following sequence of actions:

1. Create two locales.
2. Builds full index set.
3. Adds a new item, and builds an incremental index set, and activates the index set.
4. Runs the searchCatalogIndex API to search the item.

<b>Defect ID</b>	349948, 351054
<b>Case ID</b>	35562,999,616, 01340,49R,000
<b>Description</b>	<p>The Real-Time Availability Monitor (RTAM) agent computes and publishes OnhandAvailableQuantity attribute as zero, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures activity based RTAM agent.</li> <li>2. Configures item for ATP monitor or node level ATP monitor.</li> <li>3. Sets the 'Assume infinite inventory' flag for the item to Y.</li> <li>4. Adjusts inventory for the item with supply type as "ONHAND".</li> <li>5. Runs the RTAM agent.</li> </ol>
<b>Defect ID</b>	350168
<b>Case ID</b>	62652,999,760
<b>Description</b>	<p>When a user enters number attribute value which is more than 3 digits in Sterling Business Center, the numbers are saved properly in the database. But a wrong value is displayed on refreshing the screen.</p>
<b>Defect ID</b>	351578
<b>Case ID</b>	35493,999,616
<b>Description</b>	<p>The GO button in the Outbound Pick screen of the Sterling Mobile application is less accessible due to its small size.</p>
<b>Defect ID</b>	352198
<b>Case ID</b>	01645,49R,000
<b>Description</b>	<p>The Real-Time Availability Monitor (RTAM) agent configured in activity based mode and full sync mode, publishes inventory for bundle component and not for bundle parent, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Configures a bundle item with one component and checks the 'Ship together' flag.</li> <li>2. Adjusts inventory for bundle component.</li> <li>3. Runs the Real-Time Availability Monitor agent.</li> </ol>
<b>Defect ID</b>	352265
<b>Case ID</b>	74551,082,000
<b>Description</b>	<p>The findInventory API hangs and does not return any result, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Implements the YFSGetAvailabilityCorrectionsUE user exit.</li> <li>2. Configures a tag-controlled item with tag identifier as lot number.</li> <li>3. Adjusts the inventory with tag details.</li> <li>4. Calls the findInventory API.</li> </ol>
<b>Defect ID</b>	353009
<b>Case ID</b>	12511,100,838



**Description** The changes performed on "manage the inheritable fields" in a classifications, will also be visible at the category level, when a user performs the following sequence of actions:

1. Launches the Sterling Configurator.
2. Creates an item.
3. Logs in to Sterling Business Center application.
4. Creates the classification and then creates a classification value and classification ID for the classification.
5. Subscribes the classification ID to all the available usages.
6. Adds the item to the classification.
7. Creates a new category and assigns the item to the category.

**Defect ID** 353281

**Case ID** 56149,005,000

**Description** The system throws a NullPointerException while creating batch for the count tasks, when a user performs the following sequence of actions:

1. Configures cycle count task type to perform task using the printed tickets.
2. Enables the YCPBeforeCreateBatchUE user exit.
3. Runs the create count task agent.

## Fix Pack 34

**Defect ID** 285562

**Case ID** Internal

**Description** When copying groups from the system group, some permissions are missing in the copied groups.

**Solution:** The code that copied the permissions, stored the permission hierarchy in a data structure in such a manner that some permissions were lost, if they shared the same CONFIG\_SEQ\_NO in the YFS\_BASE\_CONFIG\_TASK table. The application is enhanced to use a unique BASE\_CONFIG\_TASK\_KEY attribute to copy the permissions.

**Defect ID** 287608

**Case ID** Internal

**Description** The order lines which are in "Reserved" status are procuring and creating a purchase order, even if onhand inventory is available at the ship node while rescheduling, when a user performs the following sequence of actions:

1. Configures two nodes N1 and N2, for item Item1.  
At N1, inventory for item1 is not available. At N2 infinite inventory is available.
2. Schedules a transfer order to transfer the inventory from N2 to N1 with some value specified for the transit days (for example, 7 days).
3. Creates an order at N1 for Item1.
4. Selects the delivery method as Delivery.
5. Creates a work order with the earliest delivery service appointment suggested by the system.
6. Schedules the order after 2 or 3 days. The order goes to "Reserved" status.
7. Ensures that the onhand inventory is available at N1.
8. Changes the appointment date as suggested by the system.

**Defect ID** 344383

**Case ID** 35270,999,616

**Description** If a synchronous service is configured to have a 'Synchronous Generic JMS' component, while receiving back the reply message from the 'response queue' if an exception other than timeout occurs, then the jms context is nullified. Due to this, the next time when the service is invoked, the system throws a NullPointerException during the lookup of the 'response queue'.

**Solution:** While looking up the 'response queue', if JMS context is found to be null, it will be re-initialized and then used to lookup the 'response queue'.

**Defect ID** 344428

**Case ID** 87037,004,000

**Description** A performance degradation is observed when the findInventory API is run.

**Solution:** A new yfs.shipnodeinclause.threshold property is introduced. This is an enterprise specific property and it must be set in customer\_overrides.properties as yfs.<ENTERPRISE>.yfs.shipnodeinclause.threshold=<value> . The default value for this property is '999'. If the value of eligible ship nodes exceeds the value set in this property, the queries on the supply and demand tables skip the shipnode\_key 'inclause' and perform memory filter for availability.

**Defect ID** 344430

**Case ID** 87037,004,000

- Description** The reserveAvailableInventory API takes a long time to reserve items, as it takes a long time to fetch the availability of the items.
- Solution:** The method makeItemNodeCollection is tuned to only consider the nodes with inventory.
- The fix is applicable only for the following scenario, where procurement is not considered:
1. IsprocurementAllowed flag is passed as N at the promiseLine level in the reserveAvailableInventory API input.
  2. No pre-reserved quantity for the order line is available.
- Defect ID** 345761
- Case ID** 63545,999,760
- Description** When all properties needed for building Jax webservice are enabled. The StercomXbeanXapi.jar does not build properly while building Ear under the following conditions:
- The -Dnowebservice option is set to false.
  - Bean package name does not start with 'com.\*'.
- If EAR is deployed, then the ClassNotFound exception is thrown.
- Defect ID** 347257
- Case ID** Internal
- Description** A new stand-alone API tester is introduced. The API tester can be used for quick debugging or testing without launching the Application Server. To use the stand-alone API tester navigate to <INSTALL\_DIR>/bin and run apiTester.cmd/sh
- Salient features of the API tester are as follows:
- Quick and easy to launch. No need to start Application Server.
  - Can enable tracing at run time. Set the trace level to VERBOSE in the root element of the API input XML.
  - Log file is saved in <INSTALL>/log.
  - Can save the output of the API in file.
  - Can use external file as input or template.
  - Can invoke services by wrapping it in multiApi .
- Input XML is automatically picked up on selection of API, if input XMLs are present in the APIInputDir. The input file name should be same as API name, for example, for createOrder API input file must be createOrder.xml and placed in APIInputDir.
- Default path of the APIInputDir is <INSTALL\_DIR>/apiinputs. A user can change the path by setting system property APIInputDir in apiTester.cmd/sh.
- Defect ID** 347350
- Case ID** 11527,100,838
- Description** When Real-Time Availability Monitor agent is run in full sync mode, it publishes duplicate availability messages for Global Trade Item Number (GTIN) items, if multiple items share the same GTIN.

**Defect ID** 347664, 347836  
**Case ID** Internal  
**Description** The traceability feature in the application must be enhanced to include the following functionalities:

- Transaction tracing
- User tracing
- Configuration data collection and master data collection during API execution
- First failure data capture during API execution

**Solution:** The traceability feature is enhanced to include the following functionalities:

**Transaction Tracing** - This feature enables the user to set the tracing level for a specific API or service invocation by passing an XML attribute called 'TransactionTracingLevel' in the root element of the input XML. However, this feature first needs to be enabled through the System Management Console.

**User Tracing** - This feature provides a way to configure a tracing level for a given user so that all the API or service calls made by the user are traced with the configured tracing level. This feature needs to be enabled through the System Management Console.

For more information, refer the "Trace Component Details Screen" topic of the *Sterling Selling and Fulfillment Foundation : System Management and Administration Guide*.

**Configuration Data dump** - This feature provides an option to collect useful configuration and master data which is accessed during the execution of an API. This feature needs to be enabled by setting the property `yfs.api.configuration.dump.mode` in the `customer_overrides.properties` of the following values:

- NONE - Disabled.
- ON\_ERROR - On the occurrence of an exception during the API execution, irrespective of the tracing level configured in System Management Console for the API, Configuration Data and Master Data are dumped in a separate log file.
- ON\_VERBOSE - This is the default value. If an API is executed with VERBOSE level of tracing, then on successful completion of the API, Configuration Data and Master Data are dumped into the standard log file.
- ON\_ERROR\_AND\_VERBOSE - Configuration Data and Master Data are dumped on occurrence of exception and also, when the API is run with VERBOSE level of tracing.

For more information, refer the of the 'System Management `yfs.properties`' topic of the *Sterling Selling and Fulfillment Foundation : Properties Guide*.

**Defect ID** 348669  
**Case ID** 50493,004,000  
**Description** During order release if `getExternalAvailabilityUE` user exit is implemented, the system throws a `NullPointerException`.

<b>Defect ID</b>	351956
<b>Case ID</b>	07953,019,866
<b>Description</b>	If multiple currency conversion records for the same base currency in the Applications Manager is defined, and a user attempts to delete one of the records, all the records get deleted.

## Fix Pack 33

<b>Defect ID</b>	284726
<b>Case ID</b>	Internal
<b>Description</b>	The application performs incorrect partial procurement when an order is scheduled and if appointment is present on the delivery order.

<b>Defect ID</b>	284883
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Schedule Order agent runs into an infinite loop, when a user performs the following sequence of actions for processing an order:</p> <ol style="list-style-type: none"> <li>1. Selects the "Allow Reservation during scheduling" check box in the Scheduling rules.</li> <li>2. Creates an order with a delivery service associated to the item.</li> <li>3. Takes an appointment forcefully by selecting the "Ignore product availability" option under Overrides.</li> <li>4. Runs the Schedule Order agent.</li> </ol> <p>The record is deleted and again inserted, instead of getting updated. Due to this, the Schedule Order agent runs into an infinite loop.</p>

<b>Defect ID</b>	285231
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Release agent does not honor the node notification time configuration, when a user performs the following sequence of actions:</p> <ol style="list-style-type: none"> <li>1. Sets up 'Release an order to this node, 2 system days before expected time of shipment' for node N1.</li> <li>2. Sets up procurement rule for N1 from N2.</li> <li>3. Creates a listener on the sales order (SO) pipeline that listens to the 'Receipt Closed' status of the Purchase Order (PO) pipeline and moves the SO line from the "PPO(Procurement Purchase Order) created" status to the "PPO shipped" status.</li> <li>4. Creates an order and associates a delivery service to it.</li> <li>5. Schedules the SO such that the order moves to PPO status.</li> <li>6. Receives the PO and closes the receipt.</li> <li>7. Runs the ReleaseOrder agent.</li> </ol>

<b>Defect ID</b>	287611
<b>Case ID</b>	Internal

**Description** In the Sterling Business Center application, an error message is displayed and duplicate records are displayed on the Pricing Rule Details screen, when a user performs the following sequence of actions:

1. Configures the 'Item quantity' or 'Combination' type for pricing rule that contains more than two items.
2. Creates a copy of the pricing rule.
3. Deletes all the consecutive items except one in the new pricing rule.
4. Adds two or more new items in the pricing rule.
5. Deletes the remaining item.
6. Again adds multiple items in the pricing rule and clicks Save.

**Defect ID** 290124

**Case ID** Internal

**Description** When there are multiple items on the order, if the getPossibleSchedules API is invoked to partially procure the item to fulfill the demand, the getPossibleSchedules API does not partially procure the item from the procurement node.

**Defect ID** 302656

**Case ID** Internal

**Description** Once the item is turned HOT, each thread takes very long time to process inside Sync Block, results in performance degradation in a multi-threaded environment.

**Defect ID** 341694

**Case ID** 21301,082,000

**Description** The releaseWorkOrder API does not handle the fractional quantity passed in the input xml, it converts the fractional quantity to their ceiling values.

**Defect ID** 344725

**Case ID** Internal

**Description** JBoss throws an out-of-memory exception while calling getOrderList API for more than 500 orders.

**Defect ID** 346639

**Case ID** 71037,082,000

**Description** "java.util.ConcurrentModificationException" error message is displayed when a warehouse user performs the following sequence of actions:

1. Configures a sometime tag-controlled item.
2. Adjusts the inventory for the tag-controlled item, but does not adjust the tags.
3. Creates a count request and releases count request.
4. Logs in to the IBM Sterling Mobile application.
5. Executes the count request.

<b>Defect ID</b>	346974
<b>Case ID</b>	51151,004,000
<b>Description</b>	If AllowPartialReservation is set to N in the input xml, then the reserveAvailableInventory API is not able to reserve inventory for the bundle item that is shipped independently, even if inventory is available.
<b>Defect ID</b>	348226
<b>Case ID</b>	72604,082,000
<b>Description</b>	"YCM0002 : Mandatory Parameters for the Operation are missing" error message is displayed when a warehouse user performs the following sequence of actions: <ol style="list-style-type: none"> <li>1. Configures a sometime tag-controlled item.</li> <li>2. Adjusts the inventory for the tag-controlled item.</li> <li>3. Adds the shipment to a wave, releases the wave and batches it.</li> <li>4. Logs in to the IBM Sterling Mobile application.</li> <li>5. Navigates to the Induct Cart screen.</li> <li>6. Inducts the cart to the batch.</li> <li>7. Enters the Cart ID and clicks Go.</li> <li>8. Scans the Item ID, tote, and location information.</li> </ol>
<b>Defect ID</b>	348786
<b>Case ID</b>	73239,082,000
<b>Description</b>	The suggested Tag Number is not displayed in Induct Cart screen, when a user performs the following sequence of actions: <ol style="list-style-type: none"> <li>1. Configures a sometime tag-controlled item.</li> <li>2. Checks tag identifier as Tag No.</li> <li>3. Adjusts inventory for the tag-controlled item.</li> <li>4. Creates a shipment by passing the ShipmentLineInvAttRequest element in the shipment line with lot information.</li> <li>5. Adds the shipment to a wave, releases the wave and batches it.</li> <li>6. Logs in to the IBM Sterling Mobile application.</li> <li>7. Navigates to the Induct Cart screen and inducts the cart to start picking.</li> </ol>
<b>Defect ID</b>	348849
<b>Case ID</b>	73442,082,000
<b>Description</b>	A session error is displayed, when a user performs the following sequence of actions: <ol style="list-style-type: none"> <li>1. Configures a sometime tag-controlled item.</li> <li>2. Adjusts inventory for the tag-controlled item.</li> <li>3. Creates a shipment. The shipment line quantity must be same as inventory adjusted in step 2.</li> <li>4. Adds the shipment to a wave, releases the wave and batches it .</li> <li>5. Logs in to the IBM Sterling Mobile application.</li> <li>6. Navigates to the Induct Cart screen and inducts the cart to start picking.</li> <li>7. Enters the item ID.</li> </ol>

## Fix Pack 32

Fix Pack 9.1.0.32

**Defect ID** 337595  
**Case ID** 35088,999,616  
**Description** The IBM Sterling Warehouse Management System 9.1 needs to support mass deployment of the IBM Sterling Mobile Applications on Compact Edition (CE) 6.0 devices.  
**Solution:** The IBM Sterling Mobile Application is now supported on Windows Compact Edition (WIN CE) 6.0 devices.

**Defect ID** 342058  
**Case ID** Internal  
**Description** "Serial tracking mandatory for the Item" error message is displayed when a warehouse user performs the following sequence of actions:  

1. Creates a serial-tracked item.
2. Creates an outbound shipment.
3. Adjusts the inventory for the serial-tracked item.
4. Adds the shipment to a wave and releases the wave.
5. Logs in to the IBM Sterling Mobile application.
6. Starts the outbound picking.
7. Enters Item ID and quantity in the Pick screen.
8. Clicks Go.

**Defect ID** 342702  
**Case ID** 22607,082,000  
**Description** The Warehouse Management System throws a Null Pointer Exception, when a user performs the following sequence of actions:  

1. Configures a sometime or always tag-controlled item.
2. Adjusts inventory in a location and provides the tag information.
3. Creates a move request and completes the task by providing the tag information.
4. Invokes the getTaskList API with TagAttributes element in the template.

**Defect ID** 344609  
**Case ID** 35122,999,616  
**Description** In the IBM Sterling Mobile application, the rotating hour glass obstructed the users from reading the error messages, when the error pop-up window is displayed.  
**Solution:** The rotating hour glass is removed when the error pop-up window is loaded completely.

**Defect ID** 344681  
**Case ID** 84518,7TD,000



**Description** The output of the getConfigurationDetail API for the bundle item BI1 in the resulting quote contains same CommerceItemKey attribute value for two I1 lines, when a user performs the following sequence of actions:

1. Creates a bundle item, BI1.
2. Associates BI1 with a configurable model, such that in the model, two different option classes OC1 and OC2 have same Item Id, I1.
3. In Sterling Field Sales, creates a quote and adds a configurable item BI1.
4. Configures the order line such that the same Item Id, I1 is selected as part of choices OC1 and OC2.
5. Clicks Copy as Alternative Quote hyperlink.

**Defect ID** 345124

**Case ID** 35236,999,616

**Description** When a user logs in to the application as a Node user, in a clustered environment with multiple server nodes, an applet should be loaded in the following scenarios if the yfs.httpOnlyCookie property is set to false in the customer\_overrides.properties:

- Navigates to the OutBound > Add to Manifest screen.
- Navigates to the OutBound > Pack Station screen.
- Navigates to the VAS > VAS Station screen.
- Navigates to the InBound > Receive screen.

**Defect ID** 345457

**Case ID** 49115,082,000

**Description** The receiveOrder API does not honor the LPN information passed in the YFSBeforeReceiveOrderUE user exit implementation.

**Defect ID** 346671

**Case ID** 46043,082,000

**Description** The IBM Sterling Mobile Application does not associate tote to outbound carton IBM when a warehouse user performs following sequence of actions. Due to this, the warehouse user is not able to manifest outbound carton by scanning the same tote:

1. Configures an equipment with multiple slots.
2. Configures task type to perform batch pick with pick into system suggested outbound container.
3. Associates the configured task type in Batch pick location assignment.
4. Adjusts inventory for the item in forward pick locations.
5. Creates multiple outbound shipments for the item.
6. Adds the shipment to a wave and releases the wave.
7. Containerizes and batches the wave.
8. Logs in to the IBM Sterling Mobile application.
9. Navigates to the Induct Cart screen.
10. Inducts the cart to the batch and performs cart pick by scanning tote and slot information.
11. Completes the Pick Tasks and deposits it to a manifest location.
12. Launches Add To Manifest screen in IBM Application Console and scans the same tote, that was scanned in step 10.

## Fix Pack 31

Fix Pack 9.1.0.31

<b>Defect ID</b>	283891
<b>Case ID</b>	00275017
<b>Description</b>	<p>The <i>Sterling Selling and Fulfillment Foundation: Mobile Application User Guide</i> must be updated with the information that Receipt and Putaway of serial inventory is supported only if the inventory is received on cases or pallets.</p> <p><b>Solution:</b> The 'Overview of Receipt and Putaway' topic of the <i>Sterling Selling and Fulfillment Foundation: Mobile Application User Guide</i> has been updated with the requisite information.</p>
<b>Defect ID</b>	285993
<b>Case ID</b>	00309730
<b>Description</b>	<p>The <i>Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide</i> and <i>Sterling Warehouse Management System: Printed Documents Guide</i> must be updated with the information that IBM recommends that a handling unit contain only items that have the same NMFC code.</p> <p><b>Solution:</b> The 'VICS Bill Of Lading for Load' and 'VICS Bill Of Lading for Shipment' topics of the <i>Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide</i> and 'VICS Bill Of Lading' topic of the <i>Sterling Warehouse Management System: Printed Documents Guide</i> has been updated with the requisite information.</p>
<b>Defect ID</b>	287303
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user navigates to Global Inventory Visibility &gt; Inventory Rules &gt; Other Rules and checks the "Optimize supply on earliest ETA" flag, the 'Optimize Supply Selection To Maximize Availability' rule in the Global Inventory Visibility &gt; Inventory Rules &gt; IBA rule is not overridden. Due to this the demands are not matched first with the inventory whose ETA is earlier, for example ONHAND supply.</p>
<b>Defect ID</b>	287827
<b>Case ID</b>	00337521
<b>Description</b>	<p>The <i>Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide</i> must be updated with the information that a user must clear the quantity field before selecting the "Close Container" action.</p> <p><b>Solution:</b> The 'Pack Details Screen' topic of the <i>Sterling Selling and Fulfillment Foundation: Warehouse Management System User Guide</i> has been updated with the requisite information.</p>
<b>Defect ID</b>	302650
<b>Case ID</b>	Internal

**Description** When a user performs the following sequence of actions in the Sterling Business Center application, the system does not honor the customer assignments for a price list:

1. Configures a business customer with a non-empty relationship type defined for it.
2. Defines a price list for an item such that it is applicable for all customers having relationship type configured in step 1.
3. Navigates to the Test Pricing screen and selects the customer configured in step 1, as a business customer to get the price for the item.

The actual price of the item is not displayed, as the price list does not get applied.

**Defect ID** 325732, 345038

**Case ID** 61944,999,760, Internal

**Description** For minifying javascript files, it is mentioned in the provided documentation that a user must download the jsmin.jar file from the <http://www.inconspicuous.org/projects/jsmin/JMin.java> link. However, access control is enabled for the link now.

**Solution:** Minifying javascript files using Third Party jar JMin.jar will not be supported in future. Hence, as part of the fix, all dependencies on Third Party tool JMin are removed. The following Guides has been updated with the required information:

- *Sterling Business Center: Customization Guide*
- *Sterling Selling and Fulfillment Foundation: Localizing the Web UI Framework*
- *Sterling Selling and Fulfillment Foundation: Customizing the Web UI Framework*

**Defect ID** 336944

**Case ID** Internal

**Description** When a user performs the following actions, the system throws a "No record found" exception:

1. Imports an order with payment information where the PaymentRuleID attribute is not stamped.
2. Calls the getOrderDetails API for that order.

Although, the Payment Processing Required flag is disabled for the seller organization, the system searches for the PaymentRuleId attribute not stamped against the order.

**Defect ID** 336956, 302558

**Case ID** Internal, 00368731

**Description** A performance degradation is observed when an SQL query having a column with Date datatype in the WHERE clause is fired in Oracle database using prepared statement. As, the index on that Date column is not used.

**Solution:** The application has been enhanced to support the TIMESTAMP datatype for Oracle database, so that the index on the column is used. For altering the datatype of a column from Date to Timestamp, a new ConsiderOracleDateTimeAsTimeStamp XML attribute has been exposed. The user must set the value of this attribute to true to change the datatype from Date to Timestamp. The user must extend the column definition in their entity extension XML to set this attribute.

For example, if the column MODIFYTS in the YFS\_PERSON\_INFO table, needs to be changed from Date to Timestamp for Oracle database, add the following entry in the extension XML:

```
<Entity TableName="YFS_PERSON_INFO">
  <Attributes>
    <Attribute ColumnName="MODIFYTS" ConsiderOracleDateTimeAsTimeStamp="true"/>
  </Attributes>
</Entity>
```

**Defect ID** 341194

**Case ID** 89328,004,000

**Description** When a user performs the following sequence of actions, records of MODIFYTS day1 is not purged:

1. Configures SupplyTempPurge agent.
2. Maintains huge amount of data with the MODIFYTS of the data set to day1, day2, day3, and so on.
3. Runs SupplyTempPurge agent to purge data of day2 for more than one day.

**Solution:** A new OrderBy clause is added to the getJobs query to purge the records.

**Defect ID** 341527

**Case ID** 10660,100,838

**Description** A performance degradation is observed when createOrder API is called for items belonging to a classification hierarchy, as multiple queries are fired on the following tables:

- YFS\_CLASS\_ITEM\_ATTR.CATEGORY\_KEY
- YFS\_CATEGORY.CATEGORY\_KEY
- YFS\_CLASS\_ITEM\_ATTR.CATEGORY

**Defect ID** 344165

**Case ID** 24401,442,000

**Description** If the YPMPricelistHeaderSelectionUE and YPMPricelistLineSelectionUE user exits are implemented at an Organization Level and not at a HUB level, the YPMPricelistLineSelectionUE user exit does not get invoked for getItemPrice API call.

**Defect ID** 342244

**Case ID** 20339,082,000

**Description** When a user performs the following sequence of actions, the data published as part of the INVENTORY\_VALUE\_CHANGE event has ReasonText copied to ReasonCode, due to which the ReasonText attribute is missing:

1. Enables INVENTORY\_VALUE\_CHANGE event under the INVENTORY\_COST\_CHANGE transaction and publishes data for the event.
2. Enables "Maintain Inventory Cost" at node level.
3. Navigates to Global Inventory Visibility > Inventory Rules > Other Rules and enables "Inventory Costing Required".
4. Calls the adjustLocationInventory API with ReasonCode and ReasonText attributes.

**Defect ID** 344217, 342817

**Case ID** Internal, 10892,100,838

**Description** When a user performs the following sequence of actions, the shipment line has the ordering item instead of fulfillment item which has inventory:

1. Configures Global Trade Item Number (GTIN) such that there are multiple items with same GTIN.
2. Orders an item for an enterprise, whose inventory and catalog organization are maintained by other organization.  
Inventory is not available for the ordering item, it must be fulfilled by a separate fulfillment item with same GTIN.
3. Schedules and releases the order by setting the CheckInventory attribute to N.
4. Creates a shipment.

**Defect ID** 344689

**Case ID** Internal

**Description** When a user configures Global Trade Item Number (GTIN) such that there are multiple items with same GTIN, a deadlock occurs when the Real-Time Availability Monitor agent is run in a multi-threaded mode.

**Defect ID** 344939

**Case ID** Internal

## Fix Pack 9.1.0.31

**Description** When a user performs the following sequence of actions, the resulting inventory picture is incorrect as the supply for the item being ordered is modified:

1. Configures Global Trade Item Number (GTIN) such that there are multiple items with same GTIN.
2. Orders an item which does not have inventory to fulfill the order.
3. Schedules and releases the order by setting the CheckInventory attribute to N.
4. Creates a shipment and confirms the shipment with over-shipped quantity.

**Defect ID** 345124

**Case ID** 35236,999,616

**Description** When a user logs in to the application as a node user, if the yfs.httpOnlyCookie property is set to 'false' in the customer\_overrides.properties file, then in the following scenarios the Applet screen does not get loaded:

- Navigates to the OutBound > Add to Manifest screen.
- Navigates to the OutBound > Pack Station screen.
- Navigates to the VAS > VAS Station screen.
- Navigates to the InBound > Receive screen.

## Fix Pack 30

## Fix Pack 9.1.0.30

**Defect ID** 326459

**Case ID** 34708,082,000

**Description** The modifyCategoryItem API must be enhanced to raise CATEGORY\_DEFINITION.AFTER\_MODIFY\_CATEGORY\_ITEM event for each addition or removal of a category item.

**Solution:** The modifyCategoryItem API has been enhanced to raise CATEGORY\_DEFINITION.AFTER\_MODIFY\_CATEGORY\_ITEM event. The following event XML is published:

```
<CategoryItem Action="" CategoryItemKey="" CategoryKey="" ItemKey="">
<Category CategoryKey="" CategoryPath="" OrganizationCode="" />
<Item ItemKey="" ItemID="" UnitOfMeasure="" OrganizationCode=""/>
</CategoryItem>
```

**Defect ID** 330666

**Case ID** 24771,999,616

<b>Description</b>	The <i>API Sterling Selling and Fulfillment Foundation: Javadocs</i> for receiveCustomerChanges API must include the information that receiveCustomerChanges API internally calls manageCustomer API, and the events raised for manageCustomer API will also be raised for receiveCustomerChanges API.
<b>Defect ID</b>	340711
<b>Case ID</b>	65732,082,000
<b>Description</b>	<p>If a shipment includes multiple customer orders, the e-mail sent by the YCD_SHIP_NOTIFICATION agent must contain the details of all the orders shipped as part of the shipment.</p> <p><b>Solution:</b> The e-mail notification now contains comma separated Order Number values in the e-mail body.</p> <p><b>Note:</b> The user must change the subject in the YCD_SHIP_NOTIFICATION service e-mail component from 'Order xml:/Order/@OrderNo has been shipped' to 'Shipment Confirmation of Order(s) xml:/Order/@OrderNo' to make it appropriate.</p>
<b>Defect ID</b>	341704
<b>Case ID</b>	22599,082,000
<b>Description</b>	<p>When a user performs the following sequence of actions, the system displays "ErrorCode="YFC0004" ErrorDescription="Invalid Date Format" " error message:</p> <ol style="list-style-type: none"> <li>1. Logs in to the Applications Manager.</li> <li>2. Navigates to the Warehouse Management System &gt; Inventory &gt; Count &gt; Count Program &gt; Count Program Details.</li> <li>3. Creates a new count program condition.</li> <li>4. Saves the Count Program Condition Details screen.</li> </ol>
<b>Defect ID</b>	341851
<b>Case ID</b>	08890,004,000
<b>Description</b>	<p>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.</p> <p><b>Solution:</b> A new error message "OMP80_0090 :Shipment line cannot be created for the canceled order line" is displayed.</p>
<b>Defect ID</b>	342185
<b>Case ID</b>	01802,004,000
<b>Description</b>	When syncLoadedInventory API is invoked maximum open cursors exception is found in the database, while inserting the data in the YFS_INVENTORY_ACTIVITY table. As a result, a performance degradation is observed in the production environment.
<b>Defect ID</b>	344107
<b>Case ID</b>	24508,082,000

## Fix Pack 9.1.0.30

<b>Description</b>	<p>When a user performs the following sequence of actions to complete the Outbound Pick Task (Batch Pick) from console, the system displays "Could not identify matching Shipment line." exception:</p> <ol style="list-style-type: none"><li>1. Creates a draft order.</li><li>2. Navigates to the Order Line Details &gt; Inventory Information, enters the lot number.</li><li>3. Confirms the order.</li><li>4. Schedules the order and releases it.</li><li>5. Creates a shipment for the item, includes the shipment in a wave, and releases the wave to generate the task.</li><li>6. Creates a batch and releases the task from the batch hold.</li><li>7. Navigates to the Task Details screen to completes the task.</li><li>8. Enters the target location and Target case ID.</li><li>9. Clicks Save.</li></ol>
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## Fix Pack 29

### Fix Pack 9.1.0.29

<b>Defect ID</b>	302588
<b>Case ID</b>	00383703
<b>Description</b>	<p>When all the following conditions are met, the Real-Time Availability Monitor (RTAM) agent throws an out-of-memory exception in multi-threaded mode:</p> <ul style="list-style-type: none"><li>• "Assume Infinite Inventory Availability Beyond Lead Time" flag is turned on.</li><li>• "Use Unplanned Inventory" flag is set to No for an item.</li><li>• The number of inventory activity records are very high.</li></ul>
<b>Defect ID</b>	334338
<b>Case ID</b>	62339,820,820
<b>Description</b>	<p>When a user performs the following sequence of actions, the getPersonInfoList API ignores the extension fields in the input and does not return the matching records from the YFS_PERSON_INFO table:</p> <ol style="list-style-type: none"><li>1. Extends the YFS_PERSON_INFO table to add one or more columns to the table.</li><li>2. Invokes the getPersonInfoList API by passing the 'Extn' element in the input XML of the API.</li></ol>
<b>Defect ID</b>	341030
<b>Case ID</b>	21362,082,000



- Description** When a user performs the following sequence of actions, the system mandates for tag information:
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.

## Fix Pack 28

**Defect ID** 329200

**Case ID** 41342,550,000

**Description** The *Sterling Selling and Fulfillment Foundation: Distributed Order Management Configuration Guide* must be updated with the information that the configuration for a Payment Card Type does not contain entry for partial reversal and charge up to available.

**Solution:** In the 'Creating a Payment Card Type' topic of the *Sterling Selling and Fulfillment Foundation: Distributed Order Management Configuration Guide* the following fields are removed from the Payment Card Type Details Window table:

- Partial Reversal Supported
- Charge Up To Available Field

**Defect ID** 331719

**Case ID** 63680,379,000

**Description** When a user performs the following sequence of actions, an extra demand is created for an item at a node:

1. Creates Node Transfer Relationship between 2 nodes, N1 and N2.  
**Note:** Inventory exists only for node N2.
2. Creates sales order for an item having 2 quantities for node N1.
3. Schedules the sales order.  
Procurement Transfer Order (PTO) is created for the item having 2 quantities.
4. Schedules the PTO and releases it.
5. Ships 1 quantity and receives 1 quantity at node N1.
6. Releases the sales order.  
1 quantity is released and 1 quantity is in PTO created status.
7. Calls the splitLine API for released quantity to split the orderline.

**Defect ID** 334639

**Case ID** 89911,999,000

**Description** When reserveAvailableInventory API is called with verbose log enabled, a warning message "Default template not found for reserveAvailableInventory" is displayed in the log file.

<b>Defect ID</b>	336592
<b>Case ID</b>	80410,7TD,000
<b>Description</b>	If the cookies are sent from browser, the JSESSION ID parameter present in the URLs of JavaScript files and cache-able files, such as css, images files must be removed, as it affects the browser cache.
<b>Defect ID</b>	336595
<b>Case ID</b>	Internal
<b>Description</b>	The scCSRFTOKEN query parameter must not be included in the cache-able JavaScript files, as it affects the browser cache. <b>Note:</b> The Item Configurator JavaScript files may contain scCSRFTOKEN query parameter in the URL.
<b>Defect ID</b>	336778
<b>Case ID</b>	92541,379,000
<b>Description</b>	From the Order Details screen, when a user navigates to the Order line Audit screen to view the audit list for the history order, the error message "ORA-904 : ORA-00904:"YFS_ORDER_AUDIT_H"."ORDER_HEADER_KEY": invalid identifier" is displayed.
<b>Defect ID</b>	338663
<b>Case ID</b>	15692,057,649
<b>Description</b>	A new property must be exposed to remove the XML declaration from the OMS Webservice SOAP response.  <b>Solution:</b> A new property "skip_xml_declarations_to_support_non_standard_rad_tooling" has been exposed. The default value of this property is set to false. <b>Note:</b> If the "skip_xml_declarations_to_support_non_standard_rad_tooling" property is set in the customer_overrides.properties file, the user must set the yfs.skip_xml_declarations_to_support_non_standard_rad_tooling" property to true to remove the XML declaration from the OMS Webservice SOAP response. <b>Note:</b> The user can also set the system property "-Dskip_xml_declarations_to_support_non_standard_rad_tooling" to true as an argument in the Java command of the application server to remove the XML declaration from the OMS Webservice SOAP response.
<b>Defect ID</b>	339548
<b>Case ID</b>	10449,100,838
<b>Description</b>	For Real-Time Availability Monitor agent, the JVM level caching does not work when Distribution Group is inherited from a parent organization.
<b>Defect ID</b>	340555
<b>Case ID</b>	35133,999,616

- Description** When a user performs the following sequence of actions, the system blanks out the stamped SCAC information:
1. Configures a routing guide and sets Carrier Service Code as "Ground".
  2. Calls the consolidateToShipment API for an order release with Carrier Service Code set to "Ground".
  3. Runs the Route Shipment agent.  
The shipment will be in routed status.
  4. Runs the consolidateToShipment API for different order releases with Carrier Service Code set to "Ground", so that it is consolidated with the existing shipment.

## Fix Pack 27

**Defect ID** 284363

**Case ID** Internal

**Description** The queryTimeout parameter passed as an API input is ignored by the internal logic, if the query being executed has a "for update" clause in it.

**Solution:** The logic has been enhanced to look for another parameter "TimeoutLockedUpdates". A value of "Y" or "True" irrespective of case for "TimeoutLockedUpdates" will now force the logic to use the "QueryTimeout" for queries with "For update" clause.

**Defect ID** 335442

**Case ID** 87037,004,000

**Description** The findInventory API takes long time in the makeItemNodeCollection method to fetch inventory details, even if inventory is available in few ship nodes as it also considers the ship nodes with no inventory.

**Solution:** The findInventory API performance has been improved provided when the findInventory API is not called for Procurement options and to check the availability of Promised Demand Types.

**Defect ID** 336194

**Case ID** 07492,019,866

**Description** When a user performs the following sequence of actions, getATP API output displays an incorrect demand for consuming organization:

1. Creates 3 organizations, A, B, and C, such that A is an Inventory Organization of B.  
C is a Seller Organization and consumes from Inventory Organization A.
2. Configures Inventory Organization Relationship by navigating to the Application Manager > Application Platform > Participant Modeling>Participant Setup > C > Roles and Participation > Advanced attributes.
3. Selects A as the Consumable inventory organization of C.
4. Adjusts 'ONHAND' and 'FUTURE' inventory for organization A.
5. Creates orders for Seller Organizations B and C such that the demand for organizations B and C exceeds the supply.

**Defect ID** 336566

**Case ID** Internal

**Description** The <RecordExternalCharges/> and <PaymentTransactionErrorList/> elements sent in the output of the service plugged in YCD\_ExecuteCollectionCreditCard\_Proxy\_1.0 are not processed.

**Defect ID** 336759

**Case ID** Internal

**Description** A performance degradation is observed in the Web UI Framework applications, such Sterling Field Sales, as several CSS file requests are sent to the server.

**Solution:** The 'appcommon' module CSS files, which are used by the Web UI Framework based applications, have been combined into an additional single CSS file. Now the respective Web UI Framework applications have an option to use this combined CSS file instead of individual CSS files, in order to send less CSS requests to the server thus improving the performance.

**Defect ID** 336761

**Case ID** 80249,7TD,000

**Description** When Cross Site Request Forgery (CSRF) validation is enabled, the models in Visual Modeler cannot be compiled and tested.

**Solution:** The new Sterling Item Configurator URL property of Visual Modeler must be in the following format:

<http://<ip:port>/<sbccontext>/sbccontext/item/VM-Test-Configure.action>.

## Fix Pack 26

**Defect ID** 290369

**Case ID** Internal

**Description** When containerization is performed based on the SKU Unit Size Constraints, the containerizeWave API does not completely utilize the container capacity due to incorrect container volume validations.

<b>Defect ID</b>	290857, 290894
<b>Case ID</b>	Internal
<b>Description</b>	<p>When the following conditions are met, the system allocates the same inventory to different shipments resulting in a negative net quantity:</p> <ol style="list-style-type: none"> <li>1. Configures the Pick Location Assignment to pick inventory from a location.</li> <li>2. Configures tag-controlled item.</li> <li>3. Adjusts inventory in the location for the item.</li> <li>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.</li> <li>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.</li> </ol>
<b>Defect ID</b>	310453
<b>Case ID</b>	00386318
<b>Description</b>	<p>When a container SKU Capacity Definition is set, the ContainerizeWave API creates an extra container, if the maximum weight that can be placed in a container and the items unit weight have different units of measure.</p>
<b>Defect ID</b>	315663
<b>Case ID</b>	51565,379,000
<b>Description</b>	<p>The <i>Sterling Selling and Fulfillment Foundation: Properties Guide</i> must be updated with the yantra.charttransformer.allowscriptaccess property details.</p> <p><b>Solution:</b> The 'User Interface yfs.properties' topic of the <i>Sterling Selling and Fulfillment Foundation: Properties Guide</i> has been updated with the requisite information.</p>
<b>Defect ID</b>	319289
<b>Case ID</b>	30188,7TD,000
<b>Description</b>	<p>When a user performs the following sequence of actions, the region information does not get populated in the Customer Profile Assignments screen:</p> <ol style="list-style-type: none"> <li>1. Configures the 'Region Usage for Selling' by selecting a Region schema in the Applications Manager &gt; Distributed Order Management &gt; Cross Application &gt; Customer.</li> <li>2. In Sterling Business Center, navigates to Item &gt; Customer Entitlement screen.</li> <li>3. Selects Customer Assignment tab to add a Region in the Customer Profile Assignments screen.</li> </ol>
<b>Defect ID</b>	328161
<b>Case ID</b>	Internal

**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 the manifest.

**Defect ID** 328310

**Case ID** 61811,999,760

**Description** When multibyte is enabled for DB2, which is used for database tier, the Name fields in the Customer table are not sized appropriately to accommodate multibyte characters.

**Defect ID** 331731

**Case ID** 77501,442,000

**Description** When getOrderPrice API is called , the 'PersonInfo' attributes under 'SelectionCriteria' element of this XML is not passed as an input to YPMPPriceListHeaderSelectionUE user exit.

**Defect ID** 328892

**Case ID** Internal

**Description** While exporting data using the Configuration Deployment Tool (CDT) few of the tables are missing, because of which the configuration does not get deployed from the source to the target environment completely.

**Solution:** The missing tables have been included in CDT configuration.

**Defect ID** 333969

**Case ID** Internal

**Description** The *Sterling Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the Oracle RAC configurations.

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

**Defect ID** 335344

**Case ID** 34311,082,000

**Description** As some records from the YCS\_PLD\_DETAIL table are not available, the Customer Reference numbers that were part of the shipCarton XML were not getting included in the Pierbridge request XML.

## Fix Pack 25

**Defect ID** 284871

**Case ID** Internal

**Description** When the getOrderList API is called with the minimal template, performance degradation is observed due to unnecessary database accesses.

**Solution:** The following elements in the getOrderList API output are made template driven:

- LineTaxes,
- LineCharges
- ChildOrderLineRelationships
- ParentOrderLineRelationships
- ServiceAssociations
- ProductAssociation
- DeliveryAssociations

**Defect ID** 288753

**Case ID** Internal

**Description** On invoking the getCompleteItemList API, the system fires multiple queries on the YFS\_ATTR\_ALLOW\_VAL\_LOCALE table, and therefore, results in performance degradation.

**Solution:** The localization logic has been fixed so that the records are filtered instead of firing multiple queries.

**Defect ID** 289679

**Case ID** Internal

**Description** The localization logic for fetching the localized description is not picking up the correct descriptions from locale tables.

**Defect ID** 310457

**Case ID** 00370795

**Description** During the manual count process, if a user modifies the quantity of the alternate Unit Of Measure, the total quantity is incorrectly displayed in the Quantity Entry screen.

**Defect ID** 320526

**Case ID** Internal

**Description** In a procurement scenario, if two purchase orders are shipped on different dates for the same item that reaches the ship node on the same date, on calling the createOrder API and scheduleOrder API in one single transaction boundary, the scheduleOrder API goes into an infinite loop.

**Defect ID** 328941

**Case ID** Internal

**Description** DECIMAL to DECIMAL column alteration must be allowed for DB2.

**Solution:** DECIMAL to DECIMAL column alteration is allowed for DB2. For DB2, a user must set the DB2\_ALLOW\_REQUIRE\_REORG\_STMTS and DB2\_ALLOW\_REORG\_STMTS properties to true in sandbox.cfg.

<b>Defect ID</b>	328972
<b>Case ID</b>	40048,550,000
<b>Description</b>	The input to the service implementing YCD_ExecuteCollectionCreditCard_Proxy_1.0 must be populated with all the attributes in YFSExtnPaymentCollectionInputStruct. The expected output of the service plugged in YCD_ExecuteCollectionCreditCard_Proxy_1.0 must be enhanced to accept two new child elements, PaymentTransactionError and RecordAdditionalTransactions that are passed as the output of the com.yantra.yfs.japi.ue.YFSCollectionCreditCardUE user exit.
<b>Defect ID</b>	330157
<b>Case ID</b>	90075.379.000
<b>Description</b>	When a user performs the following actions, the reverse authorization does not get created: <ol style="list-style-type: none"> <li>1. Enables Reverse Excess capability for a credit card payment type.</li> <li>2. Creates an order with two orderlines.</li> <li>3. Runs the processOrderPayment API to authorize the credit card payment type.</li> <li>4. Schedules the order.</li> <li>5. Cancels the order.</li> <li>6. Calls the requestCollection API.</li> </ol>
<b>Defect ID</b>	331907, 330130
<b>Case ID</b>	41377,550,000, 73086 379 000
<b>Description</b>	When a user performs the following actions, the reverse authorization does not get created: <ol style="list-style-type: none"> <li>1. Enables Reverse Excess capability for a credit card payment type.</li> <li>2. Creates an order with two orderlines for some amount.</li> <li>3. Runs the processOrderPayment API to authorize the credit card payment type.</li> <li>4. Cancels an orderline.</li> <li>5. Calls the requestCollection API.</li> </ol>
<b>Defect ID</b>	332039
<b>Case ID</b>	56960,49r,000
<b>Description</b>	The application must not throw an exception, when a user runs the getCompleteOrderDetails API to retrieve the order details for an order that contains a non-configurable item in an order line, with the output template containing < BOMProperties/> element under the <OrderLine/> element.
<b>Defect ID</b>	334637
<b>Case ID</b>	52723,7TD,000
<b>Description</b>	When any request is sent to a server from the browser, JSESSIONID gets appended in the URL. Therefore, whenever a user logs in to the application, performance degradation is observed as the files are not fetched from the cache.
	<b>Solution:</b> JSESSIONID has been removed from the URL.



**Defect ID** 334638  
**Case ID** 52723,7TD,000  
**Description** The getUserHierarchy and getRuleDetails API calls in a Sterling Field Sales-Salesforce integrated environment must be modified to return an output that is less in size in order to reduce the API execution time.

**Defect ID** 334680  
**Case ID** 68576 7TD 000  
**Description** When a user installs any Sterling Selling and Fulfillment Foundation 9.1 Fix Pack from Fix Pack 16 to Fix Pack 24, the pre-compilation of JSPs fails.

## Fix Pack 24

**Defect ID** 319992  
**Case ID** Internal  
**Description** A new jar signature must be added to the Sterling Selling and Fulfillment Foundation, Release 9.1.0 to extend the validity.

**Defect ID** 322634  
**Case ID** Internal  
**Description** The following guides must be updated with the information for PA-DSS compliance with PA-DSS 2.0:

- *Sterling Sensitive Data Capture Server, Release 1.1: PA-DSS Implementation*
- *Sterling Sensitive Data Capture Server, Release 1.1: Configuration*
- *Sterling Selling and Fulfillment Foundation: System Requirements*

**Solution:** The requisite information has been updated in the following guides:

- *Sterling Sensitive Data Capture Server, Release 1.1: PA-DSS Implementation*
- *Sterling Sensitive Data Capture Server, Release 1.1: Configuration*
- *Sterling Selling and Fulfillment Foundation: System Requirements*

**Defect ID** 326085  
**Case ID** Internal  
**Description** The following two new indices must be added to the manageConfiguration API to improve the performance:

- YIC\_BOM\_LINE.PARENT\_LINE\_KEY
- YIC\_BOM\_PROP.BOM\_LINE\_KEY

**Defect ID** 320968  
**Case ID** Internal

**Description** The *Sterling Selling and Fulfillment Foundation: Secure Deployment Guide* must be updated to indicate that Sterling Sensitive Data Capture Server is currently validated by PCI PA-DSS.

**Solution:** The requisite information has been included in Chapters, " PCI PA-DSS Strategy Introduction" in the *Sterling Selling and Fulfillment Foundation: Secure Deployment Guide*.

**Defect ID** 328720

**Case ID** 55550,49R,000

**Description** When a user performs the following sequence of actions, the updated date is not propagated to the parent sales order:

1. Creates a sales order for an item .
2. Schedules the order and the order goes to Awaiting Chained Order status.
3. Creates a chained order using the createChainedOrder API.  
Purchase order (PO) gets created.
4. Moves the PO to the Included Shipment status.
5. Calls the changeShipment API to change the ExpectedDeliveryDate or ExpectedShipmentDate.

**Defect ID** 328755

**Case ID** Internal

**Description** When a user runs the INVENTORY\_MATCH agent, the system throws an SQL exception.

**Defect ID** 330184, 329053

**Case ID** 41649,550,000, 82725,057,649

**Description** The input XML template for the services implementing the YCD\_ExecuteCollectionCreditCard\_Proxy\_1.0 must contain all the available fields of the YFSExtnPaymentCollectionInputStruct.

**Solution:** The input passed to the YCD\_ExecuteCollectionCreditCard\_Proxy\_1.0 service is as follows;

```
<Payment AuthorizationId="" BillToAddressLine1="" BillToCity=""
BillToCountry="" BillToDayPhone="" BillToEmailId=""
BillToFirstName="" BillToId="" BillToKey="" BillToLastName=""
BillToState="" BillToZipCode="" bPreviouslyInvoked=""
ChargeTransactionKey="" ChargeType="" CreditCardExpirationDate=""
CreditCardName="" CreditCardNo="" CreditCardType="" Currency=""
CurrentAuthorizationAmount="" CurrentAuthorizationExpirationDate=""
CustomerAccountNo="" CustomerPONO="" DocumentType=""
EnterpriseCode="" FirstName="" LastName="" MerchantId=""
MiddleName="" OrderHeaderKey="" OrderNo=""
PaymentConfigOrganizationCode="" PaymentKey="" PaymentReference1=""
PaymentReference2="" PaymentReference3="" PaymentType=""
RequestAmount="" SecureAuthenticationCode="" ShipToAddressLine1=""
ShipToCity="" ShipToCountry="" ShipToDayPhone="" ShipToEmailId=""
ShipToFirstName="" ShipToId="" ShipToLastName="" ShipToState=""
ShipToZipCode="" ShipTokey="" SvcNo="">
```

```
<CreditCardTransactions>
```

```
<CreditCardTransaction AuthAmount="" AuthAvs="" AuthCode=""
AuthReturnCode="" AuthReturnFlag="" AuthReturnMessage="" AuthTime=""
CVVAuthCode="" ChargeTransactionKey="" CreditCardTransactionKey=""
InternalReturnCode="" InternalReturnFlag="" InternalReturnMessage=""
ParentKey="" Reference1="" Reference2="" RequestId="" TranAmount=""
TranRequestTime="" TranReturnCode="" TranReturnFlag=""
TranReturnMessage="" TranType=""/>
```

```
</CreditCardTransactions >
```

```
</Payment>
```

**Defect ID** 329042

**Case ID** 87505,033,000

**Description** The performance of the Real-Time Availability Monitor agent must be improved.

**Solution:** A new JVM level cache has been introduced to improve performance of Real-Time Availability Monitor (RTAM) agent in a multi-threaded environment and the performance of RTAM is improved for the scenario when user configures a large set of nodes for Distribution Group at enterprise level.

## Fix Pack 23

**Defect ID** 284728

**Case ID** Internal

<b>Description</b>	The Null Pointer Exception occurs when a user implements the ConfirmAssignmentUE user exit, and creates and schedules an order with bundle items in a single transaction boundary.
<b>Defect ID</b>	286687
<b>Case ID</b>	Internal
<b>Description</b>	When a user performs the following sequence of actions, the exception, "DistributionRuleId is not valid for this ItemGroupCode and Organization" occurs when Distribution Group is defined for an Enterprise which is also used for the Sourcing Rule: <ol style="list-style-type: none"> <li>1. Creates an Enterprise, E1.</li> <li>2. Configures the E1 to inherit configurations from DEFAULT.</li> <li>3. Loads the Distributed Order Management rules for E1.</li> <li>4. Expands the Sourcing and Scheduling Rules.</li> <li>5. Right clicks and selects Override configuration.</li> <li>6. Selects the "Copy Rules" check box in the "Configuration Override Details" screen.</li> </ol>
<b>Defect ID</b>	286943
<b>Case ID</b>	Internal
<b>Description</b>	When a user calls the InventoryPurgeAgent, it throws an "ORA-01841: (full) year must be between -4713 and +9999, and not be 0" exception, when the LastIBAProcessedTimestamp is passed in the input.
<b>Defect ID</b>	289947
<b>Case ID</b>	Internal
<b>Description</b>	When a user creates an order and calls the getOrderLineList API without LineTax or LineCharge elements in the output XML, the SQL Query is fired on the YFS_TAX_BREAKUP table to fetch the tax details, even if the elements are not passed as part of the output XML. ok
<b>Defect ID</b>	290862
<b>Case ID</b>	Internal
<b>Description</b>	When the getOrderLineList API is invoked, the SQL query on the YFS_ORDER_LINE table is fired multiple times. The first SQL query is fired to get all the OrderHeaderKey and then the OrderHeaderKey for each order line. As, the SQL query is fired for each order, it results in performance degradation.
<b>Defect ID</b>	323084
<b>Case ID</b>	00382955
<b>Description</b>	The application must be enhanced to support 6 decimal precision for Manual Pricing Rule percentage adjustment for Line level and Order level Manual adjustments to enable finer control on the amount of discount given.

## Fix Pack 22

Fix Pack 9.1.0.22

**Defect ID** 322111

**Case ID** 33476,550,000

**Description** The getOrderList API must be enhanced to support promotion based order search.

**Solution:** A new element, Promotion, has been added in the input xml of the getOrderList API.

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

**Defect ID** 324081

**Case ID** 34713,550,000

**Description** When a user performs the following sequence of actions, the existing positive charge gets consolidated with the negative charge:

1. Configures charge consolidation for a payment type.
2. Selects "Do Not Allow Debit and Credit Invoices to Settle Against Each Other".
3. Creates an order for some amount.
4. Schedules the order and releases it.
5. Creates a shipment.
6. Creates a shipment invoice.
7. Runs the requestCollection agent.
8. Applies a discount to the order.
9. Again runs the requestCollection agent.

## Fix Pack 21

Fix Pack 9.1.0.21

**Defect ID** 315955

**Case ID** 53136,379,000

**Description** If a sales order has a work order and is in procurement transfer order created status, when the last order line is removed from the work order, the system throws a NullPointerException.

**Defect ID** 319902

**Case ID** 61437,379,000

**Description** The Web Service Definition Language files generated while exposing a webservice on the Websphere application server includes an extra space for some of the XML attributes. Therefore, a user may face an issue while invoking the webservice.

**Defect ID** 321537

<b>Case ID</b>	89439,999,000
<b>Description</b>	In the YFS_IBA_Trigger table, if IBA_Run_Required="Y" for an item and the item is deleted using the manageItem API, the IBA agent throws a NullPointerException.

## Fix Pack 20

<b>Defect ID</b>	291335
<b>Case ID</b>	Internal
<b>Description</b>	When a user performs the following sequence of actions, two pop-up windows are displayed. One for modify reason and other with an invalid order error: <ol style="list-style-type: none"> <li>1. Creates an order</li> <li>2. Searches for order.</li> <li>3. Navigates to the Order List screen and selects the order.</li> <li>4. Clicks Cancel.</li> </ol>

<b>Defect ID</b>	312993
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Sterling Selling and Fulfillment Foundation: Customizing APIs Guide</i> must be updated with the information that Z is supported as the GMT identifier in Date or Time input fields.

**Solution:** The requisite information has been included in the 'Using Date-Time Syntax' section of the *Sterling Selling and Fulfillment Foundation: Customizing APIs Guide* .

<b>Defect ID</b>	318409
<b>Case ID</b>	Internal
<b>Description</b>	In a multi-schema environment, when an API input xml contains the parent table along with its hang off, the system throws a NullPointerException as the child hang off table name does not get resolved properly.

<b>Defect ID</b>	319826
<b>Case ID</b>	48342,005,000
<b>Description</b>	When a user performs the following sequence of actions, one order line is scheduled and other order line gets backordered: <ol style="list-style-type: none"> <li>1. Adjusts inventory for fractional quantity, such as 2.61.</li> <li>2. Creates an order with 2 order lines having fractional quantity, such as 1.24 and 1.37.</li> <li>3. Schedules the order.</li> </ol>

## Fix Pack 19

Fix Pack 9.1.0.19

**Defect ID** 315820  
**Case ID** 52956,379,000  
**Description** When multiple users access the application, the application server threads keep waiting to acquire a lock on the 'statistics collector', which results in performance degradation.

**Defect ID** 317975  
**Case ID** 32382,550,000  
**Description** When a user performs the following sequence of actions, the order line status is incorrectly updated, if returns are received separately:

1. Creates a custom status for returns.
2. Creates a return listener for which one of the drop status is same as the pick status.
3. Creates an order.
4. Schedules the order, releases it, and ships the order.
5. Creates a return for some quantity.
6. Calls the changeOrderStatus API to change the status from Receipt Closed to custom status, such as Inspection Passed.
7. Again creates a return for remaining quantity and calls the changeOrderStatus API. The status of the order line is incorrectly updated.

**Note:** The issue has been fixed, assuming that all the order lines are listening to same return status at a time.

## Fix Pack 18

Fix Pack 9.1.0.18

**Defect ID** 285401  
**Case ID** Internal  
**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:** In the *Selling and Fulfillment Foundation: Performance Management Guide* refer to the "Logging Level" topic. In the *Selling and Fulfillment Foundation: Properties Guide* refer to the "Logging Configuration" topic.

**Defect ID** 285571  
**Case ID** Internal

<b>Description</b>	The system only looks for the /template/prints/label/ folder instead of /global/template/prints/label/ folder, when a user extends the PrintDocumentSet API template for a specific print label and adds the extended template in the /global/template/prints/label/ folder.
<b>Defect ID</b>	286118
<b>Case ID</b>	Internal
<b>Description</b>	Some of the numeric weight fields do not consider decimal digits.
<b>Defect ID</b>	286769
<b>Case ID</b>	Internal
<b>Description</b>	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.  <b>Solution:</b> 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 <RepeatingField> elements.
<b>Defect ID</b>	303902
<b>Case ID</b>	IC81835
<b>Description</b>	While upgrading from a lower version of the product to Sterling Selling and Fulfillment Foundation, Release 9.1, if Sterling Selling and Fulfillment Foundation, Release 9.1 is installed with 'no local copy of JVM' option, the system displays an error during database migration.
<b>Defect ID</b>	311638
<b>Case ID</b>	Internal
<b>Description</b>	The Sterling Selling and Fulfillment Foundation 9.1 must be certified to support Pierbridge version 6.5.102.  <b>Solution:</b> The Sterling Selling and Fulfillment Foundation 9.1 is certified to support Pierbridge version 6.5.102.
<b>Defect ID</b>	312978
<b>Case ID</b>	Internal
<b>Description</b>	When a user creates an order and invokes the recordExternalCharges API to record the external payment details by passing the AuthorizationExpirationDate attribute, having date and time with milli seconds and character 'Z' stamped, the system throws an invalid date format exception.
<b>Defect ID</b>	312986
<b>Case ID</b>	Internal
<b>Description</b>	For a GMT format, the application must support the character 'Z' as the timezone identifier for all the date and time fields passed as an API input.



<b>Defect ID</b>	313497
<b>Case ID</b>	90004,999,000
<b>Description</b>	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>	314299
<b>Case ID</b>	24847,379,000
<b>Description</b>	When a user performs the following sequence of actions, the system displays the error message, "This Appointment is past due and must be retaken": <ol style="list-style-type: none"> <li>1. Sets the yfs.install.date.bcmode=Y in the customer_overrides.properties.</li> <li>2. Logs in to the application.</li> <li>3. Creates an order with a delivery order line.</li> <li>4. Navigates to the Calendar screen and takes an appointment for the current day.</li> </ol>
<b>Defect ID</b>	314944
<b>Case ID</b>	51562,379,000
<b>Description</b>	Security issues have been addressed.
<b>Defect ID</b>	314946
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Sterling Selling and Fulfillment Foundation: System Requirements Guide</i> must be updated with the information that Sterling Selling and Fulfillment Foundation 9.1 is certified to support Pierbridge version 6.5.102.  <b>Solution:</b> In the <i>Sterling Selling and Fulfillment Foundation: System Requirements Guide</i> refer to the " System Requirements-Third-Party Software" topic.
<b>Defect ID</b>	314952
<b>Case ID</b>	51563,379,000
<b>Description</b>	Security issues have been addressed.
<b>Defect ID</b>	315107
<b>Case ID</b>	Internal

**Description** The *Selling and Fulfillment Foundation: Performance Management Guide* and *Selling and Fulfillment Foundation: High Availability Guide* must be updated with the information about DB2 PureScale.

**Solution:** In the *Selling and Fulfillment Foundation: Performance Management Guide* refer to the "DB2 PureScale" topic. In the *Selling and Fulfillment Foundation: High Availability Guide* refer to the "IBM DB2 Active/Active Using DB2 Purescale" topic.

**Defect ID** 315305

**Case ID** Internal

**Description** The *Selling and Fulfillment Foundation: High Availability Guide* must be updated with the information about Oracle RAC.

**Solution:** In the *Selling and Fulfillment Foundation: High Availability Guide* refer the following topics:

- Oracle RAC Active/Active
- Configuring Sterling Selling and Fulfillment Foundation with Oracle RAC
- Client-Side Load Balancing using SCAN
- Target Utilization in an Oracle RAC Active/Active Configuration

**Defect ID** 316195

**Case ID** Internal

**Description** The *Selling and Fulfillment Foundation: Performance Management Guide* must be updated with the information about Oracle RAC.

**Solution:** In the *Selling and Fulfillment Foundation: Performance Management Guide* refer the following topics:

- Supported DB Platforms
- WebLogic Connection Pool Properties
- Fast Application Notification Support

## Fix Pack 17

**Defect ID** 291290, 314573

**Case ID** 00384823

**Description** The `getOrderLineDetails` API, `getOrderLineList` API, and `getCompleteOrderDetails` API must be enhanced to include the following element in the output:

```
<BOMProperties>
<property name="" type="" value=""/>
</BOMProperties>
```

For more information about the `getOrderLineDetails` API, `getOrderLineList` API, and `getCompleteOrderDetails` API, refer to the *Sterling Selling and Fulfillment Foundation: Javadocs*.

**Defect ID** 302644  
**Case ID** Internal  
**Description** The SQL query to fetch attributes pertaining to price list must be optimized.

**Defect ID** 304576  
**Case ID** 00384712  
**Description** A duplicate PRODUCTIVITY\_I2 index is created on DB2.

**Defect ID** 309740  
**Case ID** Internal  
**Description** When a user runs the Realtime Availability Monitor Agent (RTAM), the availabilityinfo column present in the YFS\_INVENTORY\_ALERTS table does not get updated.

**Defect ID** 311873, 314947  
**Case ID** Internal  
**Description** The Sterling Selling and Fulfillment Foundation 9.1 must be certified to support Software version 9.8.  
**Solution:** The Sterling Selling and Fulfillment Foundation 9.1 is certified to support Software version 9.8.  
 The requisite information has been included in Chapters, " System Requirements-Third-Party Software" in the *Sterling Selling and Fulfillment Foundation: System Requirements Guide*.

**Defect ID** 313315  
**Case ID** 24163,379,000  
**Description** The getItemListForOrdering API call in an Sterling Field Sales-Salesforce integrated environment must be modified to return an output that is less in size to reduce the API execution time.

## Fix Pack 16

**Defect ID** 285577  
**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 a valid requestAmount must be passed. For more information about the recordExternalCharges API, refer the *Sterling Selling and Fulfillment Foundation: Javadocs*.

<b>Defect ID</b>	287306
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the Charge Transaction Request record is in the AWAIT_AUTH status instead of the AUTHORIZED status:</p> <ol style="list-style-type: none"> <li>1. Creates an order for amount \$50 with maximum charge limit of \$50.</li> <li>2. Runs the chargeTransactionRequest agent with maximum request amount as \$50.</li> <li>3. Runs the requestCollection agent and opens the Authorization for \$50.</li> <li>4. Calls the recordExternalCharges and passes CHARGE as \$50.</li> <li>5. Runs the requestCollection agent.</li> </ol>
<b>Defect ID</b>	301809
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the requestCollection API does not map all the charge transactions to the Charge_Trans_Rq_Map table in a single call. To complete the mapping, multiple API calls must be triggered:</p> <ol style="list-style-type: none"> <li>1. Configures a payment rule with the Use Charge Transaction Request for Authorization flag enabled.</li> <li>2. Creates a pre-charged order with two order lines and different ship nodes, and moves the order to "Released" status.</li> <li>3. Invokes the manageChargeTransactionRequest API such that two charge transaction requests are created for each release.</li> <li>4. Invokes the requestCollection API.</li> </ol>
<b>Defect ID</b>	301884
<b>Case ID</b>	00345334
<b>Description</b>	The application must be enhanced such that a user can configure Payment Rules, Payment Rule Details, Payment Type Details, and Payment Card Type Details.
<b>Solution</b>	The application has been enhanced. For more information about new authorization rule and new configuration for payment card types, refer to the <b>Defining Payment Types, Defining Payment Rules, Defining Additional Payment Rules, and Defining Payment Card Types</b> sections in the <i>Sterling Selling and Fulfillment Foundation: Distributed Order Management Configuration Guide</i>
<b>Defect ID</b>	302035
<b>Case ID</b>	Internal
<b>Description</b>	<p>Security issues have been addressed.</p> <p><b>Known Issues:</b> When Cross Site Request Forgery (CSRF) validation is on, the models in Visual Modeler (VM) cannot be compiled and tested.</p> <p><b>Workaround:</b> NA</p>
<b>Defect ID</b>	302233
<b>Case ID</b>	Internal

<b>Description</b>	Security issues have been addressed.
<b>Defect ID</b>	302235
<b>Case ID</b>	Internal
<b>Description</b>	Security issues have been addressed.
<b>Defect ID</b>	302243
<b>Case ID</b>	Internal
<b>Description</b>	During failover, Integration Server thread gets stuck and is not executed, because some of the client JVM threads in the Agent and Integration Server JVMs may not detect the disappearance of its Oracle database server peer during the Oracle Real Application Cluster (RAC) node failure. The affected threads will continually listen on DB sockets that don't exist anymore. Java thread dumps will show that the affected thread is in a locked state, waiting on the database connection. A large number of affected threads will reduce the application processing throughput and cause performance degradation.
<b>Solution</b>	Restart the affected Agent or Integration Server.
<b>Defect ID</b>	302267
<b>Case ID</b>	Internal
<b>Description</b>	TIBCO Java Messaging Service (JMS) connection threads are not closed after failover because the connections continue to hit the node that is not active anymore.
<b>Defect ID</b>	304014
<b>Case ID</b>	00306019
<b>Description</b>	Creating a Procurement Transfer Order (PTO) by scheduling an order for an hot item and later cancelling it when there is no demand for that item results in not considering the negative demands for the <code>getDemandSummary</code> API call.
<b>Defect ID</b>	304025
<b>Case ID</b>	Internal
<b>Description</b>	After running the <code>loadDefault</code> script to create locale and its details, the currency description is not created for Spanish locale.
<b>Solution</b>	You must create a currency definition for Spanish locale manually.  Additionally, you may refer to the note added in the <b>Loading the Sterling Selling and Fulfillment Foundation Language Pack Factory Defaults for Windows</b> and <b>Loading the Sterling Selling and Fulfillment Foundation Language Pack Factory Defaults for UNIX/Linux</b> sections in the <i>Sterling Selling and Fulfillment Foundation: Installation Guide</i> .
<b>Defect ID</b>	309741
<b>Case ID</b>	Internal
<b>Description</b>	The <code>Fix_Pack_Installation.txt</code> file does not have instructions on how to apply the entity changes to database schemas other than the installation schema.

**Solution** In Fix\_Pack\_Installation.txt file, a new section **Applying Fix Pack Database and Factory setup changes to database schemas other than installation schema** has been added that provides steps to modify database and factory setup to other database schemas.

## Fix Pack 15

**Defect ID** 245796  
**Case ID** Internal  
**Description** The *Selling and Fulfillment Foundation: Installation Guide* must be updated with the ORACLE\_JDBC\_URL information .  
**Solution:** The requisite information has been included in the 'Windows Silent Install File Parameters' and 'UNIX/Linux Silent Install File Parameters' topics of the *Selling and Fulfillment Foundation: Installation Guide* .

**Defect ID** 254559  
**Case ID** 00356495  
**Description** The *Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the correct navigation path to enable Display Error Details permissions.  
**Solution:** The requisite information has been included in the 'Display Error Details Permission is Removed' topic of the *Selling and Fulfillment Foundation: Upgrade Guide* .

**Defect ID** 257693  
**Case ID** Internal  
**Description** During failover, Integration Server thread gets stuck and does not gets executed.  
**Known Issues:** During the Oracle RAC node failure, some of the client JVM threads in the Agent and Integration Server JVMs may not detect the disappearance of its Oracle database server peer. The affected threads will continually listen on DB sockets that does not exist anymore. A Java thread dumps will show the affected thread is in a locked state waiting on the database connection.  
A large number of affected threads will reduce the application processing throughput and can cause performance degradation.  
**Workaround:** Restart the affected Agent or Integration Server.

**Defect ID** 258223  
**Case ID** Internal  
**Description** When a user enables Random Key Generation feature for the YFS\_ORDER\_LINE\_SCHEDULE table and calls any transaction to inserts record in the YFS\_ORDER\_LINE\_SCHEDULE table, the Random Key does not get generated for the YFS\_ORDER\_LINE\_SCHEDULE table.

**Defect ID** 258546  
**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). This 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** 258806  
**Case ID** 00382410  
**Description** When a user implements the YPMGetOrderPriceUE user exit and calls the createOrder API, the system throws a NullPointerException.

**Defect ID** 258949  
**Case ID** 00385696  
**Description** The OrderLineReservations element of WorkOrderProdDelivery element in the getOrderFulfillmentDetails API causes a NullPointerException.

**Defect ID** 259031  
**Case ID** 00384647  
**Description** The application must be certified to support Oracle 4-Node RAC .  
**Note:** The Sterling Selling and Fulfillment 9.1 is supported on Oracle Real Application Cluster 11.2.0.2 that is configured with up to four nodes.

#### Content

Currently, the following Sterling Selling and Fulfillment applications are certified for use with Oracle Real Application Cluster 11.2.0.2:

- Sterling Distributed Order Management System
- Sterling Field Sales
- Sterling Business Center
- Sterling Call Center (*and all other RCP based apps*)

#### Software Requirements

- Sterling Selling and Fulfillment 9.1 FP3
- Oracle Real Application Cluster 11.2.0.2 up to 4 node RAC configurations

**Defect ID** 259086  
**Case ID** Internal  
**Description** The *Selling and Fulfillment Foundation: Performance Management Guide* must be updated with the memory\_target parameter information.

**Solution:** The requisite information has been included in the 'Recommended Oracle Parameters' topic of the *Selling and Fulfillment Foundation: Performance Management Guide* .

## Fix Pack 9.1.0.15

<b>Defect ID</b>	259089
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Selling and Fulfillment Foundation: Performance Management Guide</i> must be updated with the information that Oracle 4-Node RAC is supported.  <b>Solution:</b> The requisite information has been included in the 'Oracle RAC Support Limitations' topic of the <i>Selling and Fulfillment Foundation: Performance Management Guide</i> .

## Fix Pack 14

## Fix Pack 9.1.0.14

<b>Defect ID</b>	248074
<b>Case ID</b>	0317120
<b>Description</b>	The application must support TIBCO JMS version 6.1.0.
<b>Defect ID</b>	248210
<b>Case ID</b>	Internal
<b>Description</b>	When a user modifies a work order and cancels an order to remove the product line from the work order, the error message "Order cannot be modified in current status" is displayed, even if the modification rule is configured to allow modification.
<b>Defect ID</b>	253130
<b>Case ID</b>	Internal
<b>Description</b>	The <i>Selling and Fulfillment Foundation: High Availability Guide</i> must be updated with the information that TIBCO JMS version 6.1.0 is supported.  <b>Solution:</b> The requisite information has been included in the 'System Requirements-Application Server' topic of the <i>Selling and Fulfillment Foundation: High Availability Guide</i> .
<b>Defect ID</b>	255012
<b>Case ID</b>	00350400
<b>Description</b>	When the scheduleOrder API is run for an order with many order lines and a high value of 'MaximumRecords', the session gets hung.
<b>Defect ID</b>	258248, 257746, 258350
<b>Case ID</b>	Internal
<b>Description</b>	Globalization issues have been addressed.
<b>Defect ID</b>	257735
<b>Case ID</b>	00376429



**Description** When a user calls the scheduleOrder API for an item that does not have inventory in one of the nodes of the Distribution Group, the system attempts to lock the corresponding YFS\_INVENTORY\_ITEM record , even if the item is HOT.

**Defect ID** 257741

**Case ID** 00376446

**Description** The scheduleOrder API is tuned to look up only the highest priority Distribution Group while backordering against the highest priority node to address performance issues.

**Defect ID** 257887

**Case ID** Internal

**Description** TIBCO JMS connection threads are not closed after failover.

**Known Issues:** The JMS connections made to the active server are not closed after failover, the connections continues to hit the node that is not active anymore.

**Workaround:** NA.

**Defect ID** 257894

**Case ID** Internal

**Description** The *Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the information that TIBCO JMS version 6.1.0 is supported.

**Solution:** The requisite information has been included in the 'System Requirements-Application Server' topic of the *Selling and Fulfillment Foundation: System Requirements Guide* .

## Fix Pack 13

**Defect ID** 243032

**Case ID** Internal

**Description** When the getWorkOrderAppointmentOptions API is invoked, the system throws a NullPointerException.

**Defect ID** 245145

**Case ID** Internal

<b>Description</b>	<p>When a user performs the following actions, the system displays an "YFS:Order cannot be modified in current status" error message and there are additional records added in the YFS_ORDER_RELEASE_STATUS table where the release key is stamped against the record with 1300 status:</p> <ol style="list-style-type: none"> <li>1. Creates a delivery order.</li> <li>2. Adds the delivery Service line.</li> <li>3. Creates a work order and takes an appointment.</li> <li>4. Schedules the order and releases it.</li> <li>5. Backorders the order.</li> <li>6. Views the detail of the order in the Sterling Call Center and Sterling Store and clicks the "Change Address" related task.</li> <li>7. Clicks "Next" button.</li> </ol>
<b>Defect ID</b>	248210
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user cancels an order after modifying the work order to remove the product line from the work order, the system displays an "Order cannot be modified in current status" error message, even if the modification is allowed in the modification rules.</p>
<b>Defect ID</b>	254855
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Offline Configure, Price, and Quote solution must be provided in the Sterling Selling and Fulfillment Foundation, 9.1 version.</p> <p><b>Solution:</b> The application has been enhanced. Two new agents, Change Data Export Agent and Change Data Import Agent with new events, PUBLISHED, ON_SUCCESS and ON_FAILURE have been added, which are used to export database changes from the staging environment to the production environment.</p> <p>As part of the fix, the following documents has been updated with the requisite information:</p> <ul style="list-style-type: none"> <li>• <i>Sterling Selling and Fulfillment Foundation: Properties Guide</i></li> <li>• <i>Sterling Application Platform Configuration Guide</i></li> </ul>
<b>Defect ID</b>	257073
<b>Case ID</b>	00371349
<b>Description</b>	<p>When the database is restarted, the YFS_STATISTICS_DETAIL table does not get updated with the statistics.</p>
<b>Defect ID</b>	257032
<b>Case ID</b>	00371867

## Fix Pack 9.1.0.13

**Description** The Inventory Audit purge does not purge records under 60 days old even when the lead days is set lesser than 60 in the Inventory Audit purge criteria.

**Solution:** The 60 day restriction in the Inventory Audit purge has been removed.

**Note:** If a user needs the earlier behavior of 60 day restriction, then the user must set explicitly 60 as the lead days in the Inventory Audit purge criteria.

**Defect ID** 257662

**Case ID** Internal

**Description** The application must support the export of database changes from staging environment to the production environment.

**Solution:** The application has been enhanced. Two new agents, Change Data Export Agent and Change Data Import Agent with new events, PUBLISHED, ON\_SUCCESS and ON\_FAILURE have been added, which are used to export database changes from the staging environment to the production environment.

As part of the fix, the following documents has been updated with the requisite information:

- *Sterling Selling and Fulfillment Foundation: Properties Guide*
- *Sterling Application Platform Configuration Guide*

## Fix Pack 12

## Fix Pack 9.1.0.12

**Defect ID** 254917

**Case ID** 00357600

**Description** While creating an item quantity pricing rule, if a user selects an attribute and its value from the attribute tree, the value of the selected attribute is displayed as '.' in the Pricing Rule Details screen. When the user attempts to save the pricing rule configurations, the system throws an error.

**Defect ID** 256075

**Case ID** Internal

**Description** For an onhand inventory, when the Requested Ship Date and the Requested Delivery Date is specified as the current date on all the order lines, the IBA agent doubles the demand for the inventory.

**Defect ID** 256925

**Case ID** 00370235

**Description** On a Weblogic clustered environment, if Fix Pack 10 or later is installed, when a user launches the Channel Application Manager a session time out message is displayed, if the yfs.httpOnlyCookie is set to False in the customer\_overrides.properties.

**Defect ID** 257064  
**Case ID** 00371515  
**Description** The Inventory screen throws a NullPointerException.

## Fix Pack 11

**Defect ID** 254505  
**Case ID** Internal  
**Description** The Chinese characters get corrupted, when the Remote API call was made to the product APIs.  
**Solution:** InteropHttpServlet has been changed to receive the request with UTF-8 encoding.

**Defect ID** 255046  
**Case ID** Internal  
**Description** When a user enters an incorrect wrong date format in the Date field, the date format displayed in the alert message is not localized.

**Solution:** In the Validation.js and Validation\_mb.js files, a new variable is defined as "yfcDisplayDateFormat/yfcDisplayDateFormat\_mb", which is used to display the date format in the alert message.

In the alertmessages.js and alertmessages\_mb.js files, the following new literals have been introduced that must be localized:

- var YFCMSG201 = "Invalid Date: {0}. Valid Format iss {1}";
- var YFCMSG202 = "Invalid Date Time: {0}. Valid Format is {1}";
- var YFCMSG203 = "Invalid Time: {0}. Valid Format is {1}";
- var YFCMSG204 = "Invalid {0}: {1}";
- var YFCMSG205 = "Invalid Number: {0}";
- var YFCMSG206 = "Please enter a number between {0} and {1}";
- var YFCMSG207 = "Please enter a decimal between {0} and {1}";
- var YFCMSG208 = "Data exceeds the limit of {0}";
- var YFCMSG209 = "Invalid Email: {0}";
- var YFCMSG210 = "Please enter a number greater than or equal to {0}";

**Defect ID** 255234  
**Case ID** 00358598  
**Description** The PROCESSED\_FLAG is not getting rolled back to "N" when an exception occurs in the Real Time Availability Monitor (RTAM) agent.  
**Note:** In the YFS\_INVENTORY\_ACTIVITY table, even if there is one record that has some exception, then it will end up in an infinite loop. As the PROCESSED\_FLAG is rolled back to N, getJobs attempts to pick up that activity record.

## Fix Pack 10

**Defect ID** 246457  
**Case ID** Internal  
**Description** When an extended character is displayed on the user interface, it includes a return code.  
**Solution:** A new property 'jms.message.encoding' is included in yfs.properties. The default value of this property is UTF-8. A user can override this property in customer\_overrides, to define a different encoding.

**Defect ID** 253961  
**Case ID** Internal  
**Description** The *Sterling Selling and Fulfillment Foundation: Installation Guide* must be updated with JAXB webservice information for supported version of ANT.  
**Solution:** The section 'Defining a JAX-WS Web Service with JBoss' of the *Sterling Selling and Fulfillment Foundation: Installation Guide* has been updated with the requisite information.

**Defect ID** 254262  
**Case ID** 00353713  
**Description** The *Sterling Selling and Fulfillment Foundation: System Requirements Guide* must be updated with the Agent Server build requirements.  
**Solution:** The section 'System Requirements-Utilities' of the *Sterling Selling and Fulfillment Foundation: System Requirements Guide* has been updated with the requisite information.

**Defect ID** 254347  
**Case ID** 00355369  
**Description** The *Sterling Selling and Fulfillment Foundation: Upgrade Guide* must be updated with the 'jdbcService.dbverify.Oracle.numberOfBytesPerChar' property details.  
**Solution:** The section 'Sterling Application Platform - Behavior Changes Between Release 8.2 and Release 8.5' of the *Sterling Selling and Fulfillment Foundation: Upgrade Guide* has been updated with the requisite information.

**Defect ID** 254359  
**Case ID** Internal  
**Description** Text messages in the Fusion chart are not localized.

**Defect ID** 254519

## Fix Pack 9.1.0.10

<b>Case ID</b>	Internal
<b>Description</b>	<p>The <i>Sterling Selling and Fulfillment Foundation: Properties Guide</i> must be updated with the YFS Property 'httpOnlyCookie' details.</p> <p><b>Solution:</b> The section 'Security yfs.properties' of the <i>Sterling Selling and Fulfillment Foundation: Properties Guide</i> has been updated with the requisite information.</p>
<b>Defect ID</b>	254853
<b>Case ID</b>	00344399
<b>Description</b>	<p>When the MQ JMS server was down, the Integration server displayed 'NullPointerException' and was unable reconnect to the JMS server.</p>
<b>Defect ID</b>	255037
<b>Case ID</b>	Internal
<b>Description</b>	<p>Remove the JMS Clustering related topics from the <i>Sterling Selling and Fulfillment Foundation: High Availability Guide</i>.</p> <p><b>Solution:</b> Removed content related to JMS Clustering and updated section 'Implementing JBoss Messaging Queues' in the <i>Sterling Selling and Fulfillment Foundation: High Availability Guide</i>.</p>

## Fix Pack 9

### Fix Pack 9.1.0.9

<b>Defect ID</b>	251737
<b>Case ID</b>	00332609
<b>Description</b>	<p>If an exception occurs during initialization of a database connection in YCPCContext, the database connection leak is observed.</p> <p><b>Solution:</b> The issue has been fixed.</p> <p><b>Note:</b> For better analysis, additional logging can be enabled to track jdbc connections. This logging can be enabled by setting "yfs.enable.jdbc.tracking=true" in the customer_overrides.properties file.</p>
<b>Defect ID</b>	252601
<b>Case ID</b>	00344769
<b>Description</b>	<p>The application does not support disabling of httpOnly flag for the cookies.</p> <p><b>Solution:</b> A user must perform the following actions to disable httpOnly flag for cookies:</p> <ol style="list-style-type: none"><li>1. Disable the httpOnly property at the application sever level. For more information, refer to the application server documentation.</li><li>2. Disable the 'httpOnlyCookie' property by setting 'yfs.httpOnlyCookie=false' in the customer_overrides.properties file.</li></ol>

## Fix Pack 8

Fix Pack 9.1.0.8

**Defect ID** 136541, 248876, 249282, 249758, 251759, 253117  
**Case ID** Internal  
**Description** All the JBoss issues have been addressed. The following Guides have been updated:

- *High Availability Guide*
- *Installation Guide*
- *Properties Guide*
- *System Requirements Guide*
- *Performance Management Guide*

**Defect ID** 245295  
**Case ID** Internal  
**Description** EAR deployment fails on JBoss 5.1.

**Solution:** Build Scripts has been modified to support JBoss 5.1 . A new parameter 'jbossmajorversion' has been introduced that must be passed to the build script during EAR creation for JBoss.

For example, to create EAR for JBoss5.x, run the following command;

```
./buildear.sh -Dpackage=smcfs -Dwarfiles=smcfs -Dappserver=jboss -Djbossmajorversion=5
```

To create EAR for JBoss4.x, run the following command;

```
./buildear.sh -Dpackage=smcfs -Dwarfiles=smcfs -Dappserver=jboss -Djbossmajorversion=4
```

**Note:** While creating the EAR for JBoss, if the parameter 'jbossmajorversion' is not provided, then the default value will be set as 5.

**Defect ID** 247739  
**Case ID** Internal  
**Description** The images in SIC application are not displayed, when the application is deployed in JBoss 5.1.

**Defect ID** 249403  
**Case ID** Internal  
**Description** The context was not getting closed properly during initialization issues, which resulted in context leak in the error logs.

**Defect ID** 250120  
**Case ID** 00330444

<b>Description</b>	The new interface, YFSAuthenticateType.java must be documented in the <i>Sterling Selling and Fulfillment Foundation: Javadocs</i> .
<b>Defect ID</b>	251612
<b>Case ID</b>	00341388
<b>Description</b>	The error message displayed in the Search preview of online documentation has been addressed.
<b>Defect ID</b>	251755
<b>Case ID</b>	Internal
<b>Description</b>	In the multi-browser mode, for a German locale when a user selects 'Ship To Date' which is less than the 'Ship From Date', an error message is not displayed.
<b>Defect ID</b>	251960
<b>Case ID</b>	Internal
<b>Description</b>	Compilation error is thrown while creating EAR for JBoss5.1 using the JAXB web service in 91.
	<b>Solution:</b> None.
<b>Defect ID</b>	252612, 252655, 252755, 253333
<b>Case ID</b>	Internal
<b>Description</b>	Globalization issues have been addressed.
<b>Defect ID</b>	252262
<b>Case ID</b>	Internal
<b>Description</b>	The system throws an error while starting JBoss5.1 server using JAXB webservice.
	<b>Solution:</b> None.
<b>Defect ID</b>	252618
<b>Case ID</b>	00345984
<b>Description</b>	When a user performs the following sequence of actions, the Real Time Availability Monitor (RTAM) agent creates an entry in the YFS_INVENTORY_ALERT table with the ALERT_QUANTITY as 2147483647 and ALERT_LEVEL as "0" for kit components, and for the parent kit the ALERT_QUANTITY as 0 and ALERT_LEVEL as 3: <ol style="list-style-type: none"> <li>1. Creates a bundled item.</li> <li>2. Sets the value of UseUnplannedInventory="Y" and AssumeInfiniteInventory="Y" for the bundle components and sets BundleFulfillmentMode as 02 for the parent kit.</li> <li>3. Runs the RTAM agent.</li> </ol>



## Fix Pack 7

Fix Pack 9.1.0.7

<b>Defect ID</b>	249789
<b>Case ID</b>	00329301
<b>Description</b>	When a Salesforce user attempts to generate a proposal through the Sterling Configure, Price, Quote application, an exception is thrown stating that the user is not authenticated.

## Fix Pack 6

Fix Pack 9.1.0.6

<b>Defect ID</b>	249122
<b>Case ID</b>	00326589
<b>Description</b>	If a user enters an invalid string in the Date field, the tooltip displays "undefined" instead of displaying a valid error message such as "Invalid Date".

<b>Defect ID</b>	249421
<b>Case ID</b>	00327703
<b>Description</b>	While deploying the changes in two databases by using the Configuration Deployment Tool (CDT) tool, the system prepares a clause with lockId, which results in SQLException even if the updated table does not contain a column lockId.

<b>Defect ID</b>	249691, 249912, 250891
<b>Case ID</b>	Internal
<b>Description</b>	All the globalization issues in the application have been fixed.

<b>Defect ID</b>	249815
<b>Case ID</b>	00331110
<b>Description</b>	The system must throw an exception, when a user calls the modifyItemAssociations API to associate BundleItem with the RegularItem as a substitute.

<b>Defect ID</b>	250047
<b>Case ID</b>	00329642
<b>Description</b>	When a user performs the following sequence of actions, the OrderComplete flag must be set to "N": <ol style="list-style-type: none"><li>1. Creates an order.</li><li>2. Schedules the order and releases it.</li><li>3. Ships the order.</li><li>4. Runs the CloseOrder agent to set the OrderComplete flag to "Y" for the order.</li><li>5. Performs unconfirmShipment task.</li></ol> The OrderComplete flag is still set as "Y" instead of "N".

## Fix Pack 5

Fix Pack 9.1.0.5

<b>Defect ID</b>	248187
<b>Case ID</b>	00314133
<b>Description</b>	<p>The REALTIME_AVAILABILITY_CHANGE event of the Real Time Availability monitor agent must be enhanced to publish the following element:</p> <pre>&lt;InventoryItem InventoryOrganizationCode="" ItemID="" UnitOfMeasure="" ProductClass=""/&gt;</pre> <p><b>Solution:</b> For more information about the REALTIME_AVAILABILITY_CHANGE event, refer the <i>Selling and Fulfillment Foundation: Javadocs</i>.</p>

<b>Defect ID</b>	249687
<b>Case ID</b>	00328118
<b>Description</b>	<p>When the changeRelease API is passed with Action=CANCEL containing the quantity less than the OrderedQty, the changeRelease API cancels the entire release line instead of partial cancellation.</p>

## Fix Pack 4

Fix Pack 9.1.0.4

<b>Defect ID</b>	244520
<b>Case ID</b>	Internal
<b>Description</b>	<p>When a user performs the following sequence of actions, the ship node value for the backordered line is blank, if the value of the requested cancel date is an earlier date:</p> <ol style="list-style-type: none"> <li>1. Selects the 'When a line is backordered, backorder against the highest priority ship node' check box.</li> <li>2. Creates an order.</li> <li>3. Schedules the order.</li> </ol>
<b>Defect ID</b>	247778
<b>Case ID</b>	Internal
<b>Description</b>	<p>The Date, Radio, and Combo fields do not have a displayValue attribute like a check box, which stores the localized value that can be used to generate a report.</p>

## Fix Pack 3

Fix Pack 9.1.0.3

**Defect ID** 245896

**Case ID** 00304001

**Description** In an agent, when a message is included in the JMS queue, the system creates a new connection and session, which results in performance degradation.

**Solution:** The following properties have been added in yfs.properties:

- agent.bulk.sender.enabled - The default value of this property is set to false. If a user set this property to true, the JMS messages are added in batches in the internal JMS queue. All the messages received from the 'getJobs' method are divided into batches and each batch is sent to the JMS Queue, using a single JMS connection or session. This improves the performance of the agent server.  
**Note:** If a user enables the session pooling, the sessions will be reused among different batches. Otherwise, a new session will be created for each batch of the messages.
- agent.bulk.sender.batch.size - The default value of this property is set to 1. This property determines the batch size and the number of messages to be sent to the JMS queue using the same QueueSender object. The optimum value of the property may vary for different JMS vendors.

**Defect ID** 246737

**Case ID** 00313171

**Description** The *Selling and Fulfillment Foundation: Extending the Database Guide* must be updated with the information that custom or hang-off entity must have CREATETS, MODIFYTS, CREATEUSERID, and MODIFYUSERID columns.

**Solution:** The requisite information has been included in the 'Creating Custom and Hang-off Tables' section of the *Selling and Fulfillment Foundation: Extending the Database Guide*.

**Defect ID** 246740

**Case ID** 00313685

**Description** The *Selling and Fulfillment Foundation: Extending the Database Guide* must be updated with the information that BLOB datatype is not supported.

**Solution:** The requisite information has been included in the 'Adding a Column to a Standard Table', 'Steps to Create a Custom Table', and 'Steps to Create a Hang-off Table' sections of the *Selling and Fulfillment Foundation: Extending the Database Guide*.

**Defect ID** 247038

**Case ID** 00310753

**Description** While creating a database index with number of columns more than 16, the system throws an error.

**Solution:** The validation for limiting the number of columns in an index to 16 has been removed.

## Fix Pack 2

### Sterling Selling and Fulfillment Foundation

Fix Pack 9.1.0.2

<b>Defect ID</b>	242471
<b>Case ID</b>	Internal
<b>Description</b>	Prior to this version, the createOrderFromQuote API raised an event only for the immediate quote that was being converted to an order. This fix pack adds the capability for all alternative quotes to also raise ON_ORDER_STATUS_RELEASE event while the primary quote is getting converted. This event is configured at the ORDER_CHANGE transaction for document type 0015.
<b>Defect ID</b>	242602
<b>Case ID</b>	Internal
<b>Description</b>	Error displayed on selecting Discount Advisor in IBM Sterling Call Center and IBM Sterling Store.
<b>Defect ID</b>	243061
<b>Case ID</b>	Internal
<b>Description</b>	A NoClassDef Found error is displayed when a user tries to configure the automatic note logging from Channel Application manager.
<b>Defect ID</b>	243077
<b>Case ID</b>	Internal
<b>Description</b>	An error occurs while creating a zone while defining replenishment strategy.
<b>Defect ID</b>	243086
<b>Case ID</b>	Internal
<b>Description</b>	Unable to release a return order with a bundle whose components are out of ratio.
<b>Defect ID</b>	243358, 244878, 245338
<b>Case ID</b>	Internal
<b>Description</b>	Prior to this fix pack, customers using Oracle WebLogic 10.3.2 may have experienced errors when attempting to access URLs that referenced applets. This happened because Oracle changed the default value of a weblogic.xml session parameter called cookie-http-only. When the HTTPOnly flag was set to true or the default value was used, applets and high-speed data entry (HSDE) screens did not load because session information was not passed.  <b>Resolution:</b> This fix pack now provides support for HTTPOnly=true for the Applications Manager, System Management Console, and HSDE screens.
<b>Defect ID</b>	243389
<b>Case ID</b>	Internal
<b>Description</b>	The manageCategory API failed on SQLServer functional tests.

<b>Defect ID</b>	243489
<b>Case ID</b>	Internal
<b>Description</b>	The FIFO number in Global_Serial Num was getting blanked out on performing ConfirmWorkOrder.
<b>Defect ID</b>	243498
<b>Case ID</b>	Internal
<b>Description</b>	In delayed inventory allocation mode, releaseMoveRequest does not throw an error when the system cannot allocate the tasks that are in draft status.
<b>Defect ID</b>	244465
<b>Case ID</b>	Internal
<b>Description</b>	Fix pack installation using the InstallService utility takes lot of time due to unnecessary documentation merge.
<b>Defect ID</b>	244703
<b>Case ID</b>	Internal
<b>Description</b>	Wrong Error Message is displayed when providing incorrect details in Create Count Request Console.
<b>Defect ID</b>	245257
<b>Case ID</b>	Internal
<b>Description</b>	<p>Because this fix pack now provides support for HTTPOnly=true for the Applications Manager, System Management Console, and HSDE screens, as described in Defect ID 243358, the following sections have been removed from the <i>Sterling Selling and Fulfillment Foundation: Installation Guide</i>:</p> <ul style="list-style-type: none"> <li>• "Web Security Planning - HttpOnly Cookie Flag May Require Change (WebLogic Users Only)"</li> <li>• Setting the HttpOnly Cookie Flag for WebLogic"</li> </ul>
<b>Defect ID</b>	246103
<b>Case ID</b>	Internal
<b>Description</b>	The Applications Manager and System Management Console would not open through the HTTP proxy.
<b>Defect ID</b>	246716
<b>Case ID</b>	Internal
<b>Description</b>	<p>Microsoft Windows 7 support was added to Sterling Call Center and Sterling Store, requiring a documentation update.</p> <p><b>Resolution:</b> Microsoft Windows 7 was added as a supported operating system configuration for Rich Client Platform in <i>Selling and Fulfillment Foundation: System Requirements</i>.</p>

<b>Defect ID</b>	247773
<b>Case ID</b>	Internal
<b>Description</b>	Decimal digits are not displayed for computed numeric values in the application.
	<b>Resolution:</b> The issue has been fixed. The following new methods in sc.platform.Util have been added:
	<ol style="list-style-type: none"> <li>1. <code>getNumberStrFromDataType</code> - This method will take two parameters, base number, and datatype name. It will process the base number and return a numeric string with the datatype definition.</li> <li>2. <code>padDecimalDigits</code> This method will pad number zero to base number that is passed to this method.</li> </ol>

## Sterling Selling and Fulfillment Foundation - Localization/ Globalization

<b>Defect ID</b>	219114
<b>Case ID</b>	Internal
<b>Description</b>	The Strategy Status was not displayed according to the user's locale.
<b>Defect ID</b>	219564
<b>Case ID</b>	Internal
<b>Description</b>	In the Applications Manager, some alert names are not translated in a localized environment.
<b>Defect ID</b>	221456
<b>Case ID</b>	Internal
<b>Description</b>	In the System Management Administrator, the word 'Confirm' in dialog boxes is not translated according to the user's locale.
<b>Defect ID</b>	221457
<b>Case ID</b>	Internal
<b>Description</b>	In the System Management Administrator, the word 'loading' is not translated per user's locale.
<b>Defect ID</b>	230982
<b>Case ID</b>	221791
<b>Description</b>	In the Application Console, Save, Help and Close buttons in the Modify Ship To dialog box appear truncated in a localized environment.
<b>Defect ID</b>	231843
<b>Case ID</b>	Internal

<b>Description</b>	Localized CSS files are not being picked up in the payment screens.
<b>Defect ID</b>	231958
<b>Case ID</b>	Internal
<b>Description</b>	In the Applications Manager, organization names are not translated according to the user's locale.
<b>Defect ID</b>	236700
<b>Case ID</b>	Internal
<b>Description</b>	A "Nombre non valide" error is thrown for a French locale user when picking a task with 1000 quantity or more at a time, because Sterling Warehouse Management System Mobile Application for Windows CE / Pocket PC devices does not encode the number separator for French locale (non-breaking space) when sending request to the server.
<b>Defect ID</b>	237827
<b>Case ID</b>	Internal
<b>Description</b>	In the Applications Manager, the Process Modeling screen does not display multibyte character sets correctly in a localized environment.
<b>Defect ID</b>	237828
<b>Case ID</b>	Internal
<b>Description</b>	In the System Management Console, API and Agent group names appear truncated in a localized environment.
<b>Defect ID</b>	238529
<b>Case ID</b>	Internal
<b>Description</b>	Some hot keys/mnemonic keys may not work in the Applications Manager when Sterling Selling and Fulfillment Foundation is localized.
<b>Defect ID</b>	241436
<b>Case ID</b>	Internal
<b>Description</b>	The disposition code field in Receiving HSDE console does not display locale specific data.
<b>Defect ID</b>	243363, 243364, 244757
<b>Case ID</b>	Internal
<b>Description</b>	The screen layout in the Applications Manager and HSDE do not automatically adjust according to the length of the translations.
<b>Defect ID</b>	244505
<b>Case ID</b>	Internal
<b>Description</b>	Places where "Country" (in value) is given should be replaced by "Country/Region."

**Defect ID** 245565  
**Case ID** Internal  
**Description** Outbound picking is not working in French locale when picked from case/pallet for more than 1000 quantity.

**Defect ID** 247771  
**Case ID** Internal  
**Description** The LengthChecker Tool when run in CHECK mode does not list the literals from the translatable columns in the SubClass entities.

**Defect ID** 247772  
**Case ID** Internal  
**Description** In validation.js files, comments are missing that help translators to understand which values to change and what impacts these changes.

## Sterling Business Center

**Defect ID** 220478  
**Case ID** Internal  
**Description** IBM Sterling Business Center does not support the thousands separator for numerical fields.

**Defect ID** 220495  
**Case ID** Internal  
**Description** The "Communication Failure" error message should be displayed in localized text (Kommunikationsfehler for German locale) and not in English.

**Defect ID** 226222  
**Case ID** Internal  
**Description** Locale-specific decimal separators are not being displayed for numeric values.

**Defect ID** 238038  
**Case ID** Internal  
**Description** Country names listed in a combination box should reflect IBM standards. Also, the label name used to display country names should be "Country/Region" instead of "Country." Hong Kong must be referred to as "Hong Kong S.A.R. of the PRC." Macao must be referred to as "Macao S.A.R. of the PRC."

**Defect ID** 239996



<b>Case ID</b>	Internal
<b>Description</b>	The menu does not come up in Sterling Business Center for Chinese locale. All Chinese characters are represented in Unicode format when they are translated, but the menu is not encoded in UTF-8, so the Unicode literals are garbled when they are displayed.
<b>Defect ID</b>	241258
<b>Case ID</b>	Internal
<b>Description</b>	When a service is associated to an item, service skills do not appear in the details list even though they are configured for a service.
<b>Defect ID</b>	242244
<b>Case ID</b>	Internal
<b>Description</b>	"For filter" check box is not displayed for derived attributes used for price range filtering.
<b>Defect ID</b>	242477
<b>Case ID</b>	Internal
<b>Description</b>	In the Customer Assignments tab of Customer Entitlement screen, select the radio button to assign the entitlement to all the customers and then save the entitlement. Change the customer selection to "This entitlement is applicable to the following customers." The check boxes under it are still disabled.  <b>Resolution:</b> Select any other radio button and then select the radio button for "This entitlement is applicable to the following customers" again. The check boxes will be enabled.
<b>Defect ID</b>	242581
<b>Case ID</b>	Internal
<b>Description</b>	Some of the terms used in the bundle entries for Sterling Business Center are not compliant with IBM standards.
<b>Defect ID</b>	243121
<b>Case ID</b>	Internal
<b>Description</b>	The folder for the Sterling Business Center Upgrade Analysis reports contained only the Properties folder and was missing others folders, such as Struts, Css, and Mashups.  <b>Resolution:</b> This problem has been corrected.
<b>Defect ID</b>	243453
<b>Case ID</b>	Internal
<b>Description</b>	There are date format discrepancies between the Validation.js files.
<b>Defect ID</b>	244130
<b>Case ID</b>	Internal

## Fix Pack 9.1.0.2

**Description** In the *Sterling Selling and Fulfillment Foundation: Upgrade Guide*, the path mentioned for the Sterling Business Center Upgrade Analysis reports was not correct.

**Solution:** The *Upgrade Guide* has been updated to reflect the correct path to the Sterling Business Center Upgrade Analysis reports.

**Defect ID** 244482

**Case ID** Internal

**Description** Some of the terms used in the bundle entries for Sterling Business Center were not compliant with IBM standards.

**Solution:** The documentation has been updated to reflect IBM standard compliancy changes to bundle entries.

**Defect ID** 245305

**Case ID** Internal

**Description** Error-"sc.plat.NumberFormatter' is null or not an object" is thrown in Sterling Business Center.

**Defect ID** 245392

**Case ID** Internal

**Description** The Total price of the item should be shown with the name of price list from which the price has been taken.

**Defect ID** 245479

**Case ID** Internal

**Description** There should be no change in the previous value of the attribute, and the new added value should get saved successfully.

**Defect ID** 245800

**Case ID** Internal

**Description** The Web UI framework does not support the grouping of numbers.

**Solution:** The Web UI framework has been enhanced to support the grouping of numbers. *Sterling Selling and Fulfillment Foundation: Localizing the Web UI Framework* has been updated to describe this enhancement.

## Fix Pack 1

## Fix Pack 9.1.0.1

**Defect ID** 242918, 240797

**Case ID** Internal

**Description** A security issue has been identified that may allow a cross-site scripting (XSS) attack in Sterling Business Center and in Sterling Selling and Fulfillment Foundation.

**Solution:** These security issues have been corrected in this fix pack.



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## Notices

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