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Project Specification Overview

## Document Goal and Purpose

The goal of this project specification is to document the way the xPOS application will complete the Import of Baskets on xPOS and interact with outside systems. It is not intended to document other affected system processes or application processes. For information on these other affected systems and applications, please refer to documentation provided by those system and application teams.

## Project Description

This project introduces new process for importing generic baskets into a POS transaction.

# User Impacts

## Screen Process Flow

### Sale Transactions

There are no changes from a user perspective for Importing Baskets.

# Use Case: Initiate Basket Import

## Feature Flow



## Precondition

* User has logged into system

## Main Flow

1. If user Selects Import Basket menu option, the Import Basket from Menu alternate flow (section 3.4.1) executes.
2. If user enters data in the UPC/SKU input box, system evaluates the data.
3. If the data is an item, system completes add item process as defined in Sale Feature doc (section 20).
4. If the data is not recognized, an error displays (section 8.1.3.1). After user acknowledges error, system returns to item entry and use case ends.
5. If data is a recognized Basket Number (section 10), then system evaluates the transaction to determine baskets in transaction.
6. If a duplicate basket (same Application ID and same basket number) exists, the system executes the Duplicate Basket Alternate Flow (section 3.4.3).
7. If another basket from the same application ID exists, the system executes the Multiple Basket from Same Application ID Alternate Flow (section 3.4.2)
8. If another basket from any Application ID exists, the system executes the Multiple Basket Multiple Application ID Alternate Flow.
9. System launches to URL defined for Basket Number Format (section 10) using the GenericImportRequest with GenericImportRequest\RequestInformation\RequestType equal to “Import” and GenericImportRequest\RequestInformation\RequestCriteria\RequestCriteriaKey@CriteriaType equal to “Order” and GenericImportRequest\RequestInformation\RequestCriteria\RequestCriteriaKey\CriteriaValue equal to the basket number entered by user and use case ends.

## Alternate Flows

### Import Basket from Menu Alternate Flow

1. System prompts for Basket Number (section 8.1.1).
2. User enters Basket Number.
3. System evaluates entered Basket Number with configured format (section 10).
4. If entered Basket Number is not valid, system displays error (section 8.1.3.1). After user acknowledges error, system returns to item entry and use case ends.
5. If entered Basket Number is valid, the alternate flow ends and returns to Main Flow bullet 9.

### Multiple Basket from Same Application ID Alternate Flow

1. The system evaluates the Multiple Baskets Single Application ID Basket configuration (section 10).
2. If the value equals 0 or not defined or configuration not defined, system displays error defined in section 8.1.3.2. After user acknowledges error, system returns to item entry and the use case ends.
3. If the value equals 1 (continue with import), system returns to Main Flow bullet 9.

### Duplicate Basket Alternate Flow

1. The system evaluates the Duplicate Basket configuration (section 10).
2. If the value equals 0 or not defined or configuration not defined, system displays error defined in section 8.1.3.3. After user acknowledges error, system returns to item entry and the use case ends.
3. If the value equals 1 (continue with import), system returns to Main Flow bullet 8.
4. If the value equals 2 (remove previous basket and continue with import), system removes existing basket and returns to Main Flow bullet 8.

### Multiple Basket Multiple Application ID Alternate Flow

1. The system evaluates the Multiple Baskets from Different Application configuration (section 10) for each application ID in the transaction.
2. If the value equals 0 or not defined or if configuration is not defined for any application ID, system displays error defined in section 8.1.3.2. After user acknowledges error, system returns to item entry and the use case ends.
3. If the value equals 1 for all application IDs (continue with import), system returns to Main Flow bullet 9.

# Use Case: Import Basket

## Feature Flow



Figure 1: Import Basket Process Flow

## Precondition

* Use Case: Initiate Basket Import (section 3) completes successfully.

## Main Flow

1. System evaluates response from the import request.
2. If the response is a warning (GenericImportResponse\Status element equal to 1), system executes Import Warning Alternate Flow (section 4.4.1).
3. If the response is a manager approval (GenericImportResponse\Status element equal to 2), system executes Import Manager Approval Alternate Flow (section 4.4.2).
4. If the response is not success (GenericImportResponse\Status element is not equal to 0, 1, 2 or no response is returned), then the system displays the error defined in the database (section 8.1.3.4) and returns to item entry screen.
5. If the response is success (GenericImportResponse\Status element is equal to 0), system evaluates order details
6. If the response contains no data in GenericImportResponse\Order OR in GenericImportResponse\Order\OrderLines, system displays error defined in section8.1.3.4 and use case ends.
7. If the response contains data in GenericImportResponse\Order\Addresses, the first address is attached to the transaction.
8. If the response contains data in GenericImportResponse\Order\ExtensionData, the data is attached to the transaction.
9. If the response contains data in GenericImportResponse\Order@OrderType, System stores the data. **NOTE**: This data could be used for additional specific application processing
10. System evaluates the item in the order (GenericImportResponse\Order\OrderLines\OrderLine) to determine item type. **NOTE**: This may need to be in a specific order.
    1. If the item is not defined in the database (not on file), system executes Not on File Item Alternate Flow (section 4.4.3).
    2. If the item is a warranty item (item configuration), system executes Warranty Item Alternate Flow (section 4.4.6).
    3. If the item is a pre-order item (item configuration), system executes Pre-Order Item Alternate Flow (section 4.4.8).
    4. If the item is a gift card item (item configuration), system executes Gift Card Item Alternate Flow (section 4.4.9).
    5. If the item is an activation item (item configuration), system executes Activation Item Alternate Flow (section 4.4.10).
    6. If the item is a loyalty enrollment or usage item (item configuration), system executes Loyalty Enrollment or Usage Item Alternate Flow (section 4.4.11).
11. If the item is unsellable (item configuration), system executes Unsellable Item Alternate Flow (section 4.4.12).
12. If the item is a serial number required item (item configuration) or if item contains a serial number in the basket (GenericImportResponse\Order\OrderLines\OrderLine@SerialNo has a value), system executes Serial Number Prompt Alternate Flow (section 4.4.13). **NOTE**: This is not serial numbers captured through subscription processes, loyalty, warranties, gift cards or activations. If the item is not a serial number required item (from configuration), but the response basket returns a serial number (GenericImportResponse\Order\OrderLines\OrderLine@SerialNo has a value) then system accepts/logs the information returned with no validation.
13. If the item is a customer required item (item configuration), system executes Name and Address Required Item Alternate Flow (section 4.4.14). **NOTE**: If a customer is returned, but not a customer required item, system still logs customer.
14. If the item is a manager approval required item (item configuration), system executes Manager Approval Required Alternate Flow (section 4.4.15)
15. If the item is a parent item in a linked item (2 tier item) (item configuration), system executes Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow (section 4.4.16). **NOTE**: This includes the following relationship types: E-waste and Bottle Deposit.
16. If the item contains a linked item in the basket (item has data in GenericImportResponse\Order\OrderLines\OrderLine\ChildOrderLineRelationships or GenericImportResponse\Order\OrderLines\OrderLine\ParentOrderLineRelationships), system executes Linked Item in the Basket Alternate Flow (section 4.4.17).
17. System executes PriceApplication Processing Rule Alternate Flow (section 4.4.18) to determine item price.
18. System determines if a value exists in GenericImportResponse\Order\InternationalBusinessHierarchy and uses for item IBH. Otherwise, system uses the register IBH. If no register IBH, system uses the Store IBH. **NOTE**: If part of the IBH fields are populated, system uses unpopulated fields from the store logic.
19. If the item requires extension information (item configuration), system executes the Extension Data Prompt Alternate Flow (section 4.4.19).
20. If item does not require extension information (item configuration) and data is in GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData, system does not store data with the item.
21. System stores the value in GenericImportResponse\Order@OrderNo as item order number.
22. System stores the value in GenericImportResponse\Order\OrderLines\OrderLine\Authorizations for logging employee authorizations.
23. System stores item as a gift if GenericImportResponse\Order\OrderLines\OrderLine\GiftFlag equals “Y”.
24. System stores the order line number from GenericImportResponse\Order\OrderLines\OrderLine\PrimeLineNo with the item.
25. System stores the order sub line number from GenericImportResponse\Order\OrderLines\OrderLine\SubLineNo with the item.
26. System stores the name and address in GenericImportResponse\Order\Addresses\Address\NameandAddress with all items in the order that do not have a customer stored.
27. System executes Quantity Alternate Flow (section 4.4.20).
28. System evaluates the GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =ListPrice (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name =ListPrice is defined, then use the order level value). If value equals 1 or not defined, system replaces the regular selling price with the value in GenericImportResponse\Order\OrderLines\OrderLine\LinePriceInfo@ListPrice and uses for determining discounts for receipt printing and logging in the Electronic Journal and POSLog. **NOTE**: Only used if order price is used.
29. System executes Additional Information Alternate Flow (section 4.4.24).
30. System evaluates the item color (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =SaleColor (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name =SaleColor is defined, then use the order level value)) and uses that color when adding the item to the transaction. **NOTE**: If the color is not defined, system uses the default color defined for the system.
31. If item requires authorization/activation, system executes the Authorization Alternate Flow (section 4.4.25).
32. System adds item(s) to the transaction and indicates item as processed in the basket.
33. System executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).
34. System executes Payment Alternate Flow (section 4.4.26).
35. System indicates order processed and evaluates GenericImportResponse@TotalOrderList.
36. If GenericImportResponse@TotalOrderList is greater than 1 and a non-processed order exists in the response, system returns to bullet 10 above.
37. If GenericImportResponse@TotalOrderList is greater than 1 and no non-processed orders exists in the response OR if GenericImportResponse@TotalOrderList equals 1, system returns to item entry with focus on the first warranty eligible item.

## Alternate Flows

### Import Warning Alternate Flow

1. System displays message defined in section 8.1.3.5.
2. If User selects Yes, system continues with Main Flow bullet 6.
3. If User selects No, system returns to item entry and use case ends.

### Import Manager Approval Alternate Flow

1. System displays current manager approval with text defined in section 8.1.2.
2. If manager does not approve, system returns to item entry and use case ends.
3. If manager does approve, system continues with Main Flow bullet 6.

### Not on File Item Alternate Flow

1. System evaluates the NotOnFile Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =NotOnFile (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name =NotOnFile is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ (add not on file items to the transaction), system executes the Not on File System Rule Alternate Flow (section 4.4.4).
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Not on File System Rule Alternate Flow

1. System evaluates the Not on File configuration rule (section 10).
2. If configuration is set to Y, system prompts for current not on file information (if any information is included in the GenericImportResponse\Order\OrderLines\OrderLine\Item in the response, system prepopulates that information when prompting), marks item to be added and returns to Main Flow bullet 16. **NOTE**: System ignores any value in the PriceApplication processing rule.
3. If configuration is set to N, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. If configuration is set to P, system enforces current system transaction type/items in the transaction rules and import item type.
5. If current system transaction type/items in the transaction rules and import item type indicate that item is not to be added, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
6. If current system transaction type/items in the transaction rules and import item type indicate that item can be added, then system returns to Main Flow bullet 16.
7. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Import All Items Alternate Flow

1. System evaluates the ImportAllItems processing rule (GenericImportResponse\Order\ProcessingRules\Rules@Name = ImportAllItems).
2. If the Value (GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ or Not Defined, system removes all items from the basket that are in the transaction and the use case ends.
3. If the Value (GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’, system returns to the calling flow/Use Case.

### Warranty Item Alternate Flow

1. System evaluates the PSP Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =PSP (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name =PSP is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ (add warranty items to the transaction), system evaluates the Warranty Rule Flag configuration (section 10) and executes System Rule Alternate Flow (section 4.4.7).
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23)

### System Rule Alternate Flow

1. If configuration is set to Y, system marks item to be added (regardless of existing system rules) and returns to Main Flow bullet 11.
2. If configuration is set to N, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
3. If configuration is set to P, system enforces current system transaction type/items in the transaction rules and import item type.
4. If current system transaction type/items in the transaction rules and import item type indicate that item is not to be added, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
5. If current system transaction type/items in the transaction rules and import item type indicate that item can be added, then system returns to Main Flow bullet 11.

### Pre-Order Item Alternate Flow

1. System evaluates the Preorder Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =Preorder (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = Preorder is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ (add Pre-Order items to the transaction), system evaluates the Pre-Order Rule Flag configuration (section 10) and executes the System Rule Alternate Flow (section 4.4.7).
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23)

### Gift Card Item Alternate Flow

1. System evaluates the GiftCard Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =GiftCard (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = GiftCard is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ (add Gift Card items to the transaction), system evaluates the Gift Card Rule Flag configuration (section 10) and executes System Rule Alternate Flow (section 4.4.7).
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Activation Item Alternate Flow

1. System evaluates the ActivationItem Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =ActivationItem (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = ActivationItem is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ (add Activation items to the transaction), system evaluates the Activation Item Rule Flag configuration (section 10) and executes System Rule Alternate Flow (section 4.4.7).
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Loyalty Enrollment or Usage Item Alternate Flow

1. System evaluates GenericImportResponse\Order\OrderLines\OrderLine@SerialNo. If value exists, system continues with bullet 3 below. If value does not exist, system continues with bullet 2 below.
2. System evaluates GenericImportResponse\Order\Addresses\Address@PersonInfoKeytype or GenericImportResponse\Order\OrderLines\OrderLine\Addresses\Address@PersonInfoKeytype. If the value is ‘Loyalty’, system uses the value in the attribute PersonInfoID as the loyalty member number and does no validation on the number. **NOTE**: System evaluates the value with the Scan ID definitions and executes according to definition.
3. System evaluates the Loyalty Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =Loyalty (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = Loyalty is defined, then use the order level value)).
4. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’, system evaluates the Loyalty Item Rule Flag configuration (section 10) and executes System Rule Alternate Flow (section 4.4.7).
5. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5)..
6. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Unsellable Item Alternate Flow

1. System evaluates the Unsellable Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =Unsellable (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = Unsellable is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ (ignore configuration and add unsellable items to the transaction), system returns to Main Flow bullet 12.
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ or Not defined (do not add item), system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Serial Number Prompt Alternate Flow

1. System evaluates the Serial Number Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name =SerialNumberCapture (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = SerialNumberCapture is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or not defined and there is a value in GenericImportResponse\Order\OrderLines\OrderLine@SerialNo, system uses value with no prompting and returns to Main Flow bullet 13. **NOTE**: Value is not validated against current serial number validation rules.
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or not defined and there is no value in GenericImportResponse\Order\OrderLines\OrderLine@SerialNo, system prompts for a serial number with current processes and returns to Main Flow bullet 13. **NOTE**: Value is validated against current serial number validation rules.
4. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’, prompts for a serial number with current processes and returns to Main Flow bullet 13. **NOTE**: If there is a value in GenericImportResponse\Order\OrderLines\OrderLine@SerialNo, system pre-populates value in prompt field. Value is validated against current serial number validation rules.
5. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘P’, system continues with Main Flow bullet 13 and no serial number is captured or logged.

### Name and Address Required Item Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\Address\NameandAddress.
2. If there is data, system stores the data as the item customer and if there is no transaction customer, system also stores as the transaction customer.
3. If there is no data and data in GenericImportResponse\Order\Addresses\Address\NameandAddress, system pre-populates the data and prompts for item customer using current processes.
4. If there is no data and no data in GenericImportResponse\Order\Addresses\Address\NameandAddress, system prompts for item customer using current processes.
5. System returns to Main Flow bullet 15.

### Manager Approval Required Alternate Flow

1. If item is configured to require manager approval, system prompts using current processes for manager approval. **NOTE**: Queued manager approval processes defined in system, continues as current for imported items.
2. If manager approve, system continues with Main Flow bullet 15.
3. If manager does not approve, system executes Import All Items Alternate Flow (section 4.4.5).
4. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow

1. System evaluates the LinkedSKU Processing rule (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = LinkedSKU (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = LinkedSKU is defined, then use the order level value)).
2. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’ or Not defined system does not add child item and returns to Main Flow bullet.16.
3. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ system returns to Main Flow bullet.16 and adds the child item when parent item added.

### Linked Item in the Basket Alternate Flow

1. If item has data in GenericImportResponse\Order\OrderLines\OrderLine\ChildOrderLineRelationships (the item is a parent item), then system returns to Main Flow bullet 17. (Item is added to the transaction.)
2. If item has data in GenericImportResponse\Order\OrderLines\OrderLine\ParentOrderLineRelationships (the item is a child item), then system determines if item referenced in GenericImportResponse\Order\OrderLines\OrderLine\ParentOrderLineRelationships\OrderLineRelationship\Line has been added to the transaction (check to see if parent is already in the transaction).
3. If parent item has been previously added to the transaction, then system returns to Main Flow bullet 17 (adds current item to the transaction links to both items using the link type in either GenericImportResponse\Order\OrderLines\OrderLine\ParentOrderLineRelationships\OrderLineRelationship@RelationshipType or GenericImportResponse\Order\OrderLines\OrderLine\ChildOrderLineRelationships\OrderLineRelationship@RelationshipType).
4. If parent item has not been previously added (parent not in the transaction), then system does not add the item and determines if there are additional items in the basket to evaluate. (Does not add item to the transaction and does not mark as processed so another attempt to add can occur).
5. If additional items to evaluate, system moves to the next item returns to Main Flow bullet 10.
6. If no additional items to evaluate, system executes Import All Items Alternate Flow (section 4.4.5).
7. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and returns to Main Flow bullet 35.

### PriceApplication Processing Rule Alternate Flow



Figure 2: Price Application Process Flow

1. System evaluates the PriceApplication processing rule for the item (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name = PriceApplication (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = PriceApplication is defined, then use the order level value))
2. If value is 0 or not defined, system compares the price in GenericImportResponse\Order\OrderLines\OrderLine\LinePriceInfo\RetailPrice with discounts from GenericImportResponse\Order\OrderLines\OrderLine\LinePriceInfo\DiscountPercentage and GenericImportResponse\Order\OrderLines\OrderLine\DiscountAmount applied to the price in the database and uses the lowest price when adding the item. System returns to Main Flow bullet 18. **NOTE**: If there is no pricing information in the response, then system uses the current database and if no price in the database, then system uses the price in the response. If the prices are equal, system uses the response price.
3. If value is 1, when adding the item the system uses the price in GenericImportResponse\Order\OrderLines\OrderLine\LinePriceInfo\RetailPrice with discounts from GenericImportResponse\Order\OrderLines\OrderLine\LinePriceInfo\DiscountPercentage and GenericImportResponse\Order\OrderLines\OrderLine\DiscountAmount applied. System returns to Main Flow bullet 18. **NOTE**: If there is no pricing information in the response, then system uses the current database processes including prompting for price if a price required item.
4. If the value is 2, when adding the item the system uses price from the database and ignores any pricing in the basket. System returns to Main Flow bullet 18.
5. If the value is not 0, 1 or 2, system displays error (section 1.18.1.3.6) and executes Import All Items Alternate Flow (section 4.4.5).
6. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Extension Data Prompt Alternate Flow

1. System evaluates data in GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData.
2. If data in response completes all required data capture, system stores the data as custom data and returns to Main Flow bullet 21.
3. If data in response does not complete all required data capture, system stores the data in response as custom data, prompts for only the additional information not received when adding the item and returns to Main Flow bullet 21. **NOTE**: If response contains data not listed in configuration, system stores information as custom data.

### Quantity Alternate Flow

1. System evaluates value in GenericImportResponse\Order\OrderLines\OrderLine@OrderedQty.
2. If value not defined, system uses quantity 1 and returns to Main Flow bullet 28.
3. If value equal 1, system returns to main flow bullet 28.
4. If value less than 0, system displays an error (section 8.1.3.6) and executes Import All Items Alternate Flow (section 4.4.5) and continues with bullet 7 below.
5. If value greater than 1, system executes Multiple Quantity Alternate Flow (section 4.4.21).
6. If value equal to 0, system executes Zero Quantity Alternate Flow (section 4.4.22).
7. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Multiple Quantity Alternate Flow

1. System evaluates item links (Warranty, Parent, Child, etc.) and if exist, displays an error (section 8.1.3.6), executes Import All Items Alternate Flow (section 4.4.5) and continues with bullet 7 below.
2. System evaluates item serial number and if exist, displays an error (section 8.1.3.6), executes Import All Items Alternate Flow (section 4.4.5) and continues with bullet 7 below.
3. If item is an activation item, system displays an error (section 8.1.3.6), executes Import All Items Alternate Flow (section 4.4.5) and continues with bullet 7 below.
4. If item is a loyalty item, system displays an error (section 8.1.3.6), executes Import All Items Alternate Flow (section 4.4.5) and continues with bullet 7 below.
5. If item has custom data, system displays an error (section 8.1.3.6), executes Import All Items Alternate Flow (section 4.4.5) and continues with bullet 7 below.
6. If no item links, serial number, activation or loyalty item, no custom data, system returns to Main Flow bullet 28.
7. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Zero Quantity Alternate Flow

1. System determines if item is a quantity required item (item configuration).
2. If item is a quantity required item, system prompts for quantity and returns to Main Flow bullet 28.
3. If item is not a quantity required item, system evaluates the Quantity-0 processing rule for the item (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Name = Quantity-0 (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = Quantity-0 is defined, then use the order level value)).
4. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘Y’ or Not defined (add Quantity item), system uses quantity 1 and returns to Main Flow bullet 28.
5. If the Value (GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules\Rules@Value or GenericImportResponse\Order\ProcessingRules\Rules@Value) equals ‘N’, system displays the message defined in section 8.1.3.6 and executes Import All Items Alternate Flow (section 4.4.5).
6. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Determine Additional Items to Evaluate Alternate Flow

1. System determines if there are additional items in the basket to evaluate.
2. If there are additional items to evaluate, system moves to the next item and returns to Main Flow bullet 10.
3. If no additional items to evaluate, system returns to Main Flow bullet 35.

### Additional Information Alternate Flow

1. System evaluates if the item requires additional information in order to add the item as defined by previous flows. Ie. Serial Number, Activation Number, Customer Information, Additional Prompts, etc.
2. If no additional information is required, system returns to Main Flow bullet 32.
3. If additional information is required, system prompts for information.
4. If user enters valid information, system returns to Main Flow bullet 32.
5. If user enters invalid information, system displays error and returns to information prompt (bullet 3 above).
6. If user cancels out of information capture, system executes Import All Items Alternate Flow (section 4.4.5).
7. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Authorization Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = Authorization (if not present and GenericImportResponse\Order\ProcessingRules\Rules@Name = Authorization is defined, then use the order level value).
2. If value is 0, system stores any authorization information in the response and continues to Main flow bullet 32 (add item with no authorization).
3. If value is 1 or not defined, system prompts for any required information (if information is returned in response, system prepopulates that information in the prompts fields) and continues with authorization process.
4. If item is successfully authorized, system continues to Main flow bullet 32 (add item).
5. If item is not successfully authorized, system displays current authorization error and executes Import All Items Alternate Flow (section 4.4.5).
6. After completing the Import All Items Alternate Flow (section 4.4.5), system will not add the item, indicates item processed and executes Determine Additional Items to Evaluate Alternate Flow (section 4.4.23).

### Payment Alternate Flow

1. System evaluates the payment information (GenericImportResponse\Order\PaymentLines).
2. If GenericImportResponse\Order\PaymentLines does not contain data, system returns to Main Flow bullet 35.
3. If GenericImportResponse\Order\PaymentLines contains data, system evaluates PaymentAction processing rule (GenericImportResponse\Order\PaymentLines\PaymentLine\ProcessingRules\Rules@Name =PaymentAction).
4. If the value (GenericImportResponse\Order\PaymentLines\PaymentLine\ProcessingRules\Rules@Value) equals 0 (do nothing), system returns to Main Flow bullet 35.
5. If the value (GenericImportResponse\Order\PaymentLines\PaymentLine\ProcessingRules\Rules@Value) equals 1, system adds the payment to the transaction with no authorization and displays on virtual receipt with the amount in GenericImportResponse\Order\PaymentLines\PaymentLine\Amount. (**NOTE**: the PaymentID (account number), AuthNo and Amount from GenericImportResponse\Order\PaymentLines\PaymentLine\ is logged with the tender.) System continues with bullet 9 below.
6. If the value (GenericImportResponse\Order\PaymentLines\PaymentLine\ProcessingRules\Rules@Value) equals 2, the system prompts for payment information (if data in response, system prepopulates prompts with data) and authorizes the payment using the amount in GenericImportResponse\Order\PaymentLines\PaymentLine\Amount.
7. If authorization is approved or payment doesn’t require authorization, payment is added to the transaction and virtual receipt and system continues with bullet 9 below.
8. If authorization is not approved, system displays an error and continues with bullet 9 below.
9. System determines if additional payments are in the order.
10. If additional payments system returns to bullet 3 above for the next payment
11. If no additional payments, system returns to Main Flow bullet 35.

## Item Processing Matrix Summary

| **Item Type** | **1st Processing Rule Used** | **Values** | **Allow** | **Error** | **Other** |
| --- | --- | --- | --- | --- | --- |
| Item Not On File | NotOnFile | * N or Not defined – Error * Y – Allow | Check System Configuration Rule   * N or Not defined – Error * Y – Prompt for Not of File information prepopulating any from order response & checks for ***linked items*** before adding item. * P – Follows the N or Y above based on system rules for the transaction type/items in the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Warranty/ PSP/PRP Item | PSP | * N or Not defined – Error * Y – Allow | Check System Configuration Rule   * N or Not defined – Error * Y – Prompt for Warranty information prepopulating any from order response and check if Item is ***Unsellable*** before adding item. * P – Follows the N or Y above based on system rules for the transaction type/items in the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Pre-Order Item | Preorder | * N or Not defined – Error * Y – Allow | Check System Configuration Rule   * N or Not defined – Error * Y – Prompt for deposit amount & check if Item is ***Unsellable*** before adding item. * P – Follows the N or Y above based on system rules for the transaction type/items in the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Gift Card Item | GiftCard | * N or Not defined – Error * Y – Allow | Check System Configuration Rule   * N or Not defined – Error * Y – Prompt for Gift Card Number & amount if not included in response & check if Item is ***Unsellable*** before adding item. * P – Follows the N or Y above based on system rules for the transaction type/items in the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Activation Item | ActivationItem | * N or Not defined – Error * Y – Allow | Check System Configuration Rule   * N or Not defined – Error * Y – Prompt for Serial Number & amount if not included in response & check if Item is ***Unsellable*** before adding item. * P – Follows the N or Y above based on system rules for the transaction type/items in the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Loyalty Item | Loyalty | * N or Not defined – Error * Y – Allow | Check System Configuration Rule   * N or Not defined – Error * Y – Prompt for loyalty Number if not included in response & check if Item is ***Unsellable*** before adding item. * P – Follows the N or Y above based on system rules for the transaction type/items in the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Unsellable | Unsellable | * N or Not defined – Error * Y – Allow | Check if Item is ***Serial Number Required*** before adding item | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
| Serial Number Required | SerialNumberCapture | * Y – Prompt for Serial Number (prepopulated if returned), then Allow * N or Not defined – Other, then Allow | After capturing serial number, check if Item is ***CustomerCapture Required*** before adding item |  | Check for Serial Number in Response   * Not returned – Prompt * Returned – Do Not Prompt for serial number |
| Customer Capture Required | N/A | * Customer on Item in response – Store Customer on Item, then Allow * Customer not on item, but on order in response – Prompt for customer with Order customer prefilled, then Allow * Customer not in response – Prompt for customer, then Allow | After capturing customer, check if Item is ***2 Tier Linked Item*** before adding item |  |  |
| Parent 2 Tier Item | LinkedSKU | * Y – Allow * N or Not Defined – Other | Add the 2 Tier child item after adding item, continue with other |  | Check if Item is ***Parent/Child*** ***Linked Item*** before adding item |
| Parent/ Child Linked Item | N/A | * Parent – Allow * Child – Other | Check the ***PriceApplication*** rulebefore adding item |  | Check if Parent processed successfully.   * Yes – continue with Allow * No, other items in order – Process next item * No, no other items – Check ImportAllItems Processing Rule * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |
|  | PriceApplication | * 0, Price in Response & DB Price < Response Price – Other * 0, Price in Response & DB Price > Response Price – Allow * 0, Price not in Response – Other * 1, Price in Response – Allow * 1, Price not in Response – Other * 2 – Other | Use response price, capture IBH (from response or DB), capture extension/ Custom Data (from response or prompting), capture order number, , attach gift flag if in response, attach PrimeLineNo & SubLineNo & check ***Quantity*** before adding item. |  | Use database price, capture IBH (from response or DB), capture extension/ Custom Data (from response or prompting), capture order number, salesperson, attach gift flag if in response, attach PrimeLineNo & SubLineNo & check ***Quantity*** before adding item. |
| Quantity Required |  | * Quantity in response = 0 – Other * Quantity in response > 1 – Error | Set quantity to value in the response before adding item to the transaction |  | Prompt for Quantity, set Quantity to entered value before adding item to the transaction. Assumption: Quantity Required items are not serial number required, an activation or loyalty item, doesn’t have item links or custom data |
| Not Quantity Required & Quantity Returned in Response Not = 0 |  | * Quantity in response = 1 – Allow * Quantity in response > 1 – Other * Quantity in response < 0 – Error * Quantity in response not defined – Allow | Set quantity to 1 before adding item to the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item | * Item not serial number required, an activation or loyalty item, doesn’t have item links or custom data –set Quantity to returned value and add item to the transaction. * Item is serial number required, an activation or loyalty item, has item links or custom data –Error |
| Not Quantity Required & Quantity Returned = 0 | Quantity-0 | * Y & Quantity in response = 0 – Other * N & Quantity in response = 0 – Error | Set quantity to 1 before adding item to the transaction | Check ImportAllItems Processing Rule   * Y or Not Defined – Remove all order items and don’t continue import. * N – continue importing basket without adding item |  |
|  | Authorization | * 0 – No Authorization, Other * 1 or not defined – Authorize Item before adding |  |  | * Use information from response for authorization before continuing with adding the item. |

## Additional Notes/Requirements

1. After user correctly enters information in a prompt about an imported item, the item appears in the virtual receipt confirming that item added successfully.
2. When an imported item prompts user for more information, the item ID is listed in the prompt to identify the item for the user.
3. User must set the employee transaction within the system, this is not imported from application.

# Use Case: Post Basket Import

## Feature Flow



Figure 3: Post Import Flag Process Flow

## Precondition

* User has Imported a basket.

## Main Flow

1. System executes Price Override Alternate Flow (section 5.4.1).
2. System executes Item Discount Alternate Flow (section 5.4.2)
3. System executes Item Tax Override Alternate Flow (section 5.4.3).
4. System executes Item Tax Exempt Alternate Flow (section 5.4.4).
5. System executes Kits on the Fly Alternate Flow (section 5.4.5).
6. System executes Item Void Alternate Flow (section 5.4.6).
7. System executes Issue Raincheck Alternate Flow (section 5.4.9).
8. System executes Quantity Override Alternate Flow (section 5.4.10).
9. System executes Transaction Void Alternate Flow (section 5.4.11).
10. System executes Deal Processing Alternate Flow (section 5.4.12).
11. If the item is eligible for a warranty, system executes Warranty Determination Alternate Flow (section 5.4.13).

## Alternate Flows

### Price Override Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = PriceOverride.
2. If the value is “Y”, system returns to Main Flow bullet 2.
3. If the value is “N” or not defined, system marks item to not allow price overrides and returns to Main Flow bullet 2. **NOTE**: If this item is selected in the transaction, the Price Override option is not available/displayed.

### Item Discount Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = ItemDiscount.
2. If the value is “Y”, system marks the item to allow manual price discounts to item after imported and returns to Main Flow bullet 3.
3. If the value is “N” or not defined, system marks the item to not allow manual price discounts to item after imported and returns to Main Flow bullet 3. **NOTE**: If item is selected in the transaction, the Item Discount Option is not available/displayed.)

### Item Tax Override Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = TaxOverride.
2. If the value is “Y” or not defined, the system marks the item to allow tax overrides to item after imported and returns to Main Flow bullet 4.
3. If the value is “N”, the system marks the item to not allow tax overrides to item after imported and returns to Main Flow bullet 4. **NOTE**: If item is selected in the transaction, the Tax Override Option is not available/displayed.

### Item Tax Exempt Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = TaxExempt.
2. If the value is “Y” or not defined, the system the item to allow tax exemptions to item after imported and returns to Main Flow bullet 5.
3. If the value is “N”, the system marks the item to not allow tax exemptions to item after imported and returns to Main Flow bullet 5. **NOTE**: If item is selected in the transaction, the Tax Exempt Option is not available/displayed.

### Kits on the Fly Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = KitsOnTheFly.
2. If the value is “Y”, the system marks the item to allow item to be placed in a kit after imported and returns to Main Flow bullet 6.
3. If the value is “N” or not defined, system marks the item to not allow item to be placed in a kit after imported and returns to Main Flow bullet 6.

### Item Void Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = ItemVoid.
2. If the value is “N” or not defined, system marks the item to not allow item to be voided after imported and continues to Main Flow bullet 7. (**NOTE**: If item is highlighted and Item Mod is selected, the Item Void Option does not display.)
3. If the value is “Y”, system evaluates if the item is part of a parent/child relationship (GenericImportResponse\Order\OrderLines\OrderLine\ChildOrderLineRelationships or GenericImportResponse\Order\OrderLines\OrderLine\ParentOrderLineRelationships contain data).
4. If not part of a relationship, then the system marks the item to allow item to be voided after imported and returns to Main Flow bullet 7.
5. If part of a relationship and item is a parent item, system executes Parent Void Rules Alternate Flow**Error! Reference source not found.** (section 5.4.7).
6. If part of a relationship and item is a child item, system executes Child Void Rules Alternate Flow**Error! Reference source not found.** (section 5.4.8).

### Parent Void Rules Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ChildOrderLineRelationships\ChildOrderLineRelationships\OrderLineRelationship@Dependancy.
2. If the value is “RemoveParentRemovesChild”, system marks item to remove child items if item voided and returns to Main Flow bullet 7.
3. If the value is “CanRemoveParent”, system marks the item to allow item to be voided after imported and returns to Main Flow bullet 7.

### Child Void Rules Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ParentOrderLineRelationships\OrderLineRelationship\@Dependancy.
2. If value is “CannotRemoveChild”, system marks the item to not allow item to be voided after imported unless Parent voided and has the RemoveParentRemovesChild dependency set and returns to Main Flow bullet 7.
3. If value is “RemoveChildRemovesParent”, system marks the item to remove the parent if item voided and returns to Main Flow bullet 7.
4. If value is CanRemoveChild, marks the item to allow item to be voided after imported and returns to Main Flow bullet 7.

### Issue Raincheck Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = RainCheck.
2. If the value is “Y”, system marks the item to allow rainchecks to be issued after imported and returns to Main Flow bullet 8.
3. If the value is “N” or not defined, system marks the item to not allow rainchecks to be issued after imported and returns to Main Flow bullet 8. **NOTE**: If item is selected in the transaction, the Raincheck Option is not available/displayed.

### Quantity Override Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = QuantityOverride.
2. If the value is “Y”, system marks the item to allow quantity to be overridden after imported and returns to Main Flow bullet 9.
3. If the value is “N” or not defined, system marks the item to not allow quantity to be overridden after imported and returns to Main Flow bullet 9. **NOTE**: If item is selected in a transaction, the Quantity Override Option is not available/displayed.

### Transaction Void Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\ProcessingRules@Name = TransactionVoid.
2. If the value is “Y” or not defined, system marks the item to allow transaction voids after imported and returns to Main Flow bullet 10.
3. If the value is “N”, system marks the item to not allow transaction voids after imported and returns to Main Flow bullet 10. **NOTE**: If the transaction void is attempted, then the message defined in section 8.1.3.6 displays.

### Deal Processing Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = ValuePackage.
2. If the value is “1”, system marks the item to exclude from consideration when evaluating deals and price changes and returns to Main Flow bullet 11.
3. If the value is “2” or not defined, system marks the item to allow item to be part of a deal, and the price to be updated by deals and returns to Main Flow bullet 11.
4. If the value is “3”, system marks the item to allow item to be part of a deal, but the price will not be updated by deals and returns to Main Flow bullet 11.

### Warranty Determination Alternate Flow

1. System evaluates the value in GenericImportResponse\Order\OrderLines\OrderLine\ProcessingRules@Name = PSP\_PriceApplication.
2. If the value is 0 or not defined, system uses the database price to determine the price banding of the warranty for the item and use case ends.
3. If the value is 1, system uses the imported price without discounts to determine the price banding of the PSP/PRP for the item and use case ends.
4. If the value is 2, system uses the imported price with discounts to determine the price banding of the PSP/PRP for the item and use case ends.

## Post Import Item Processing Matrix Summary

| **Processing Rule** | **Attribute** | **Action** |
| --- | --- | --- |
| PriceOverride |  | * N or Not Defined – Do not allow Price Overrides * Y – Allow Price Overrides |
| ItemDiscount |  | * N or Not Defined – Do not allow Manual Item Discounts * Y – Allow Manual Item Discounts |
| TaxOverride |  | * N or Not Defined – Do not allow Tax Overrides * Y – Allow Manual Tax Overrides |
| TaxExempt |  | * N or Not Defined – Do not allow Tax Overrides * Y – Allow Manual Tax Overrides |
| KitsOnTheFly |  | * N– Do not allow to be placed in a kit * Y or Not Defined – Allow to be placed in a kit |
| ItemVoid |  | * N or not defined – Do not allow item void * Y & not in a parent/child relationship – Allow item void * Y & Parent or Child in parent/child relationship – Evaluate Dependency Attribute |
|  | Dependency | * Parent & “RemoveParentRemovesChild” – Allow Parent to be voided, but void child too. * Parent & “CanRemoveParent” – Allow Parent to be voided. * Child & “CannotRemoveChild” – Do not void Child * Child & “RemoveChildRemovesParent” – Allow Child to be voided, but void parent too. * Child & “CanRemoveChild” – Allow Child to be voided. |
| Raincheck |  | * N or Not Defined – Do not allow raincheck to be issued. * Y – Allow a raincheck to be issued. |
| QuantityOverride |  | * N or Not Defined – Do not allow quantity override. * Y – Allow quantity override. |
| TransactionVoid |  | * N or Not Defined – Do not allow transaction void. * Y – Allow transaction void. |
| ValuePackage |  | * 1 – Item not included in deal determination or deal price changes. * 2 or not defined – Item included in deal determination and price changes allowed * 3 – Item included in deal determination, but no price changes allowed. |
| PSP\_PriceApplication |  | * 0 or not defined – Use DB price for price banding of PSP * 1 – Use imported price without discounts for price banding of PSP * 2 – Use imported price with discounts for price banding of PSP |

# Other feature Impacts

## Other Transaction Type Impacts

There are no specific changes for Employee/Staff Purchase or Tax exempt transactions, system follows the same processes as defined in above use cases.

If a transaction type is defined to not allow basket imports from an Application ID (section 10), system displays the error defined in section 8.1.3.7 when order number entered at item entry and continues with processes.

Transaction types that do not accept items, have no impacts from this process.

## Suspend/Resume Impacts

Suspends are allowed for transactions that have items added via this process. All data collected prior to suspension is saved and used when the transaction is resumed. There are no validation checks on resume to ensure order still valid.

## Training Mode Impacts

If system is in training mode and a basket number is entered, system sets the training mode flag in the interface to true. If applicate does not support training mode, an error response is returned and system displays error as defined in section 8.1.3.4 and returns to item entry.

# Assumptions

1. Child items in baskets do not have more than one parent.
2. Item can only have one of these configurations set: Warranty Item, Pre-Order item, Gift Card Item, Activation Item, Loyalty Enrollment or Loyalty Usage.
3. GenericImportResponse\Order\OrderLines\OrderLine\Item information, if present, is only used when data not present in current configuration.

# Screen Layouts

## POS Screens

### Basket Number Prompt

When import basket is selected for an application ID, this basket number prompt displays.

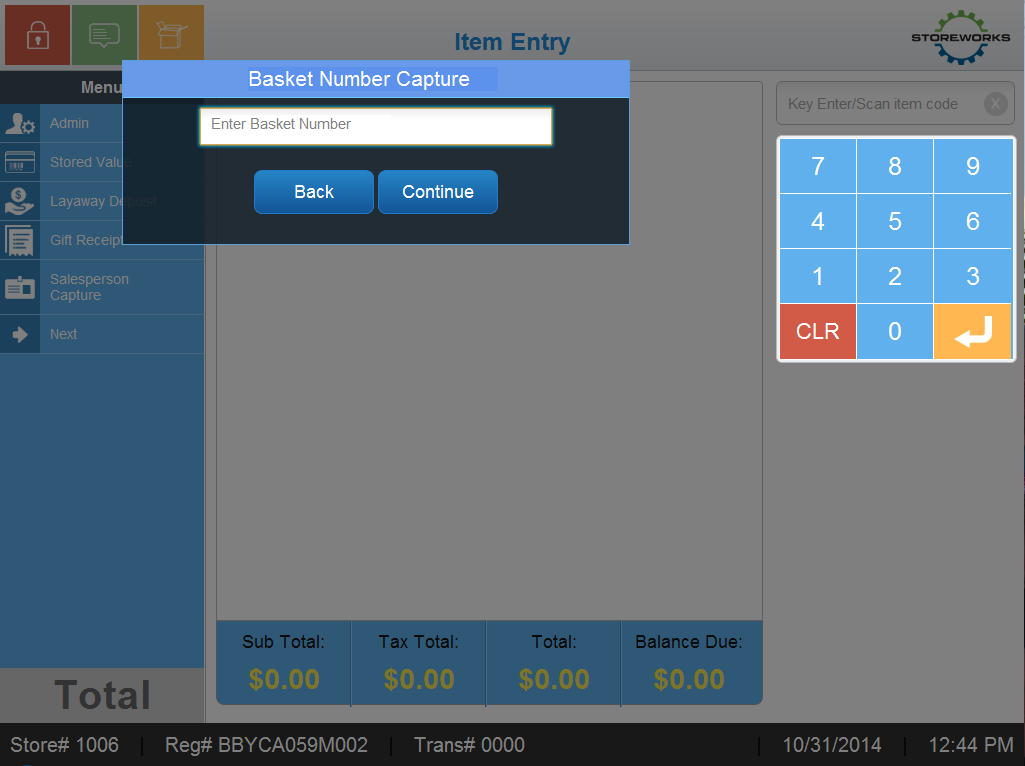


Figure 4: Basket Number Prompt Mockup

#### Screen Definitions

##### Title Text

|  |
| --- |
| **Title Text – Configurable** |
| Basket Number Capture |

##### Instruction Text

|  |
| --- |
| **Instruction Text – Configurable** |
| Enter Basket Number |

##### Navigation/Menu Keys

|  |  |  |  |
| --- | --- | --- | --- |
| **Label** | **State** | **Next Screen** | **Notes** |
| Back | Enabled | * Returns to Item entry without adding the item | Text for key is configurable. |
| Continue | Enabled | * If valid number, import process begins in item entry * If not valid, error message displays. | Text for key is configurable. |

##### Data/Input Field Enhancements

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Label** | **Editable** | **Req’d?** | **Data Type** | **Min**  **Length** | **Max**  **Length** | **Notes** |
| Basket Number | Yes | Yes | Alphanumeric | 1 | 50 |  |

### Basket Import Manager Approval Prompt

When Import response has a status of 2, manager approval prompts.

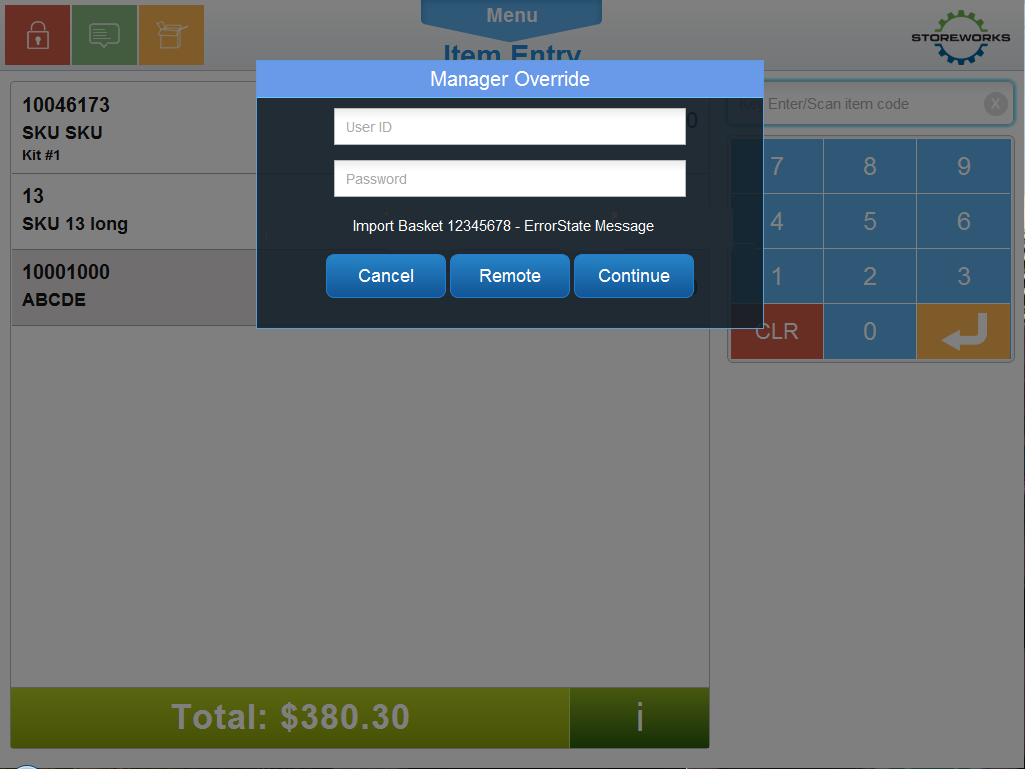


Figure 5: Import Basket Manager Approval Prompt Mockup

#### Screen Definitions

##### Title Text

|  |
| --- |
| **Title Text – Configurable - Current Text** |
| Manager Approval |

##### Instruction Text

|  |
| --- |
| **Instruction Text – Configurable - Current Text** |
| User ID |
| Password |

##### Informational Text

|  |
| --- |
| **Informational Text below Input Boxes– Configurable - Current Text** |
| * Text for the message is configurable by *Application ID* and *ErrorState* *(*where *Application ID* is the value in GenericImportResponse\ApplicationSource@ApplicationID and *ErrorState* is the value inGenericImportResponse\Errors\ErrorState, a default value is used when ErrorState is not defined) * If no text defined, system displays a default message. |

##### Navigation/Menu Keys - Current Implementation

|  |  |  |  |
| --- | --- | --- | --- |
| **Label** | **State** | **Next Screen** | **Notes** |
| Cancel | Enabled | * Processes Import All Item process and either continues import or returns to item entry. | Text for key is configurable. |
| Remote | Enabled | * Accepts remote approval and continues import process | Text for key is configurable |
| Continue | Enabled | * If valid manager approval, import process continues * If not valid, error message displays and returns to manager approval prompt. | Text for key is configurable. |

##### Data/Input Field Enhancements - Current Implementation

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Label** | **Editable** | **Req’d?** | **Data Type** | **Min**  **Length** | **Max**  **Length** | **Notes** |
| User ID | Yes | Yes | Alphanumeric | 1 | 50 |  |
| Password | Yes | Yes | Alphanumeric | 8 | 50 |  |

### Dialog Messages/Message Boxes

#### Invalid Basket Number

|  |  |
| --- | --- |
| **Description** | Message displays when basket number not valid |
| **Message** | Invalid Basket Number |
| **Key prompt** | OK – continues returns to basket prompt. |
| **Notes** | * Text for the message is configurable by *Application ID* *(*where *Application ID* is defined in the validation (section 10)). * If no text defined, system displays a default message. * Key prompt text is configurable by Application ID) |

#### Multiple Baskets per Transaction Error Message

|  |  |
| --- | --- |
| **Description** | Message displays when attempting to import a second Basket order from the same application ID during a transaction. |
| **Message** | Only one Order Import in a transaction. |
| **Key prompt** | OK – continues returns to item entry. |
| **Notes** | * If no text defined, system displays a default message. * Text for the message is configurable by *Application ID* * Key prompt text is configurable by Application ID |

#### Duplicate Basket Order in Transaction Error Message

|  |  |
| --- | --- |
| **Description** | Message displays when attempting to import a second Basket order from the same application ID with the same basket number during a transaction. |
| **Message** | Unable to import, duplicate order number. |
| **Key prompt** | OK – continues returns to item entry. |
| **Notes** | * If no text defined, system displays a default message. * Text for the message is configurable by *Application ID* * Key prompt text is configurable by Application ID |

#### Application Import Error Message

|  |  |
| --- | --- |
| **Description** | Message displays when the response from Application Service is not successful. |
| **Message** | Please Complete Take Home Activation Process.  **OR**  SKU is not part of return order  **OR**  BEAST Order is not a return order  **OR**  Other appropriate message for error received. |
| **Key prompt** | OK – Returns to item entry screen. |
| **Notes** | * If no text defined, system displays a default message. * Text for the message is configurable by *Application ID* and *ErrorState* *(*where *Application ID* is the value in GenericImportResponse\ApplicationSource@ApplicationID and *ErrorState* is the value inGenericImportResponse\Errors\ErrorState, a default value is used when ErrorState is not defined OR no response is received for a request) * Key prompt text is configurable by Application ID *(*where *Application ID* is the value in GenericImportResponse\ApplicationSource@ApplicationID) |

#### Application Import Warning Message

|  |  |
| --- | --- |
| **Description** | Message displays when the response from Application Service is a warning. |
| **Message** | Appropriate message for error received. |
| **Key prompt** | * Yes – Continues with import * No – Returns to item entry. |
| **Notes** | * If no text defined, system displays a default message. * Text for the message is configurable by *Application ID* and *ErrorState* *(*where *Application ID* is the value in GenericImportResponse\ApplicationSource@ApplicationID and *ErrorState* is the value inGenericImportResponse\Errors\ErrorState, a default value is used when ErrorState is not defined) * Key prompt text is configurable by Application ID *(*where *Application ID* is the value in GenericImportResponse\ApplicationSource@ApplicationID) |

#### Import Processing Rule Error Message

|  |  |
| --- | --- |
| **Description** | Message displays when the processing rule from Application indicates item cannot be added to the transaction. |
| **Message** | Item cannot be imported. |
| **Key prompt** | OK – continues to next item in order or returns to item entry if last item in the order. |
| **Notes** | * If no text defined table for the processing rule, then no message displays. * Message Text is configurable by *ApplicationID* and *ProcessingRule* * OK Button Text is configurable |

#### Unable to Import Error Message

|  |  |
| --- | --- |
| **Description** | Message displays attempting to import an order during transaction types that do not allow basket imports. |
| **Message** | Order Import not allowed during this transaction. |
| **Key prompt** | OK – continues returns to item entry. |
| **Notes** | * If no entry in the Messages table for the processing rule, then no message displays. * Message Text is configurable by Process type (or basket contents) and Application ID * OK Button Text is configurable by Application ID |

# Printing

## Receipt Changes

### Sale Receipt

If an item has a data in the GenericImportResponse\Order\OrderLines\OrderLine\ChildOrderLineRelationships element, then the item is a parent item. When printing the items in the virtual receipt and on the printed receipt, POS will list the child/related item(s) below the parent item per existing functionality. **NOTE**: If an item is part of a value package or kit, the child/related item(s) are not printed below the parent – per existing functionality.

|  |  |
| --- | --- |
| Welcome to the POS  Corporate Office  (999) 999-9999  POS LAB TESTING    Val # 1234-2432-2344-2542  0934 001 9620 08/29/11 15:31 G1X4  **Online Order #: 14305002**  **SALE**  2312345 ITEMA 29.50  ITEM A DESC  Serial #: 123456  Configurable IMPORT ORDER RECEIPT Item Text  **Online Order # 14305002**  **IMEI Number: 111112334454656666**  SUBTOTAL 29.50  12% TAX 3.54    TOTAL 33.04  CASH 33.04  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Configurable IMPORT ORDER RECEIPT Footer  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***  Configurable RECEIPT FOOTER from DB  **\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*** | If there are values in the order number label parameters (section 9.1.2) AND in GenericImportResponse\Order@OrderNo in the response, then this line prints with the text defined in section 9.1.2 followed by the value in GenericImportResponse\Order@OrderNo in the response. **NOTE**: No space is added by system between the 2 values.  If there are values in the order number label parameters (section 9.1.2) AND in GenericImportResponse\Order@OrderNo in the response, then this line prints with the text defined in section 9.1.2 followed by the value in GenericImportResponse\Order@OrderNo in the response. **NOTE**: No space is added by system between the 2 values.  If data in GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData, then system evaluates GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data@PrintAction. If value is   * UseDB or not defined, then system evaluates   + If data in GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data\Print, then system uses data from basket to print in location defined in GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data\Print@Type.   + If database attribute exists, then system uses the item attributes from the database and current rules to determine what to print.   + If database attribute does not exist, then ePOS does not print * useDBOnly, then system ignores any data in GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data\Print and evaluates the data in the database attribute   + If database attribute exists, then system uses the item attributes from the database and current rules to determine what to print.   + If database attribute does not exist, then system does not print * PrintData, then system ignores data in database attributes and prints data from GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data\Print * DonotPrint, then system does not print data from either location.   If GenericImportResponse\Order\OrderLines\OrderLine\Instructions\Instruction@InstructionType is Receiptitem, then system prints Order\OrderLines\OrderLine\Instructions\Instruction\InstructionText using the language code as with current processes. The text is printed in the order of the SequenceNo attribute order.  If GenericImportResponse\Order\OrderLines\OrderLine\Instructions\Instruction@InstructionType is Receiptfooter, then system prints data in GenericImportResponse\Order\OrderLines\OrderLine\Instructions\Instruction\InstructionText using the language code as with current processes. The text is printed in the order of the SequenceNo attribute order. |

Figure 6: Receipt Changes

### Receipt Definitions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter Mnemonic** | **Description** | **Req’d?** | **Min**  **Length** | **Max**  **Length** | **Notes** |
| Receipt Transaction Order Number Label | Label to print on receipt before order number at transaction level. | Yes | 1 | 15 | Configurable by Application ID |
| Receipt Item Order Number Label | Label to print on receipt before order number under the item. | Yes | 1 | 15 | Configurable by Application ID |

### Special Requirements/Notes

1. If data defined with response text is too long for width of the receipt, text is truncated.

# Configurable Settings

| **Parameter Mnemonic** | **Description** | **Valid Values** |
| --- | --- | --- |
| Basket Number Format | Format of the basket number entered by user defined by Application ID | Dependent on Application |
| Basket URL | The URL for the specific basket number format by Application ID | The URL for the import service |
| Application Security Certificate | Security Certificate to access application URL | The certificate for the import service |
| Application Timeout Value | The amount of time in milliseconds to wait before assuming no response and continuing | Value in milliseconds |
| Application ID Basket Transaction Types | Indicator by Application ID to identify transaction types that allow basket imports from an Application ID | Transaction type codes. |
| Duplicate Basket Flag | Duplicate Basket Rule. Determines system action when a basket with same basket number and same basket application ID as one already in the transaction is selected to import. | * 0 – Duplicate Baskets not allowed * 1 – Import Basket in addition to one in the transaction. * 2 – Void basket in the transaction and Import new Basket |
| Multiple Basket from Same Application Flag | Multiple Basket from same application rule Determines action when a basket with same basket | * 0 – Do not allow more than one basket from an application ID * 1 – Multiple baskets from same application ID are allowed in a transaction. |
| Multiple Baskets from Different Application Flag | Rule to define which applications allow baskets from other applications to be in the same transaction. | * 0 – Application basket must be the only basket in the transaction. * 1 – Application allows other baskets within the same transaction. |
| Import Manager Approval Code | A code by application ID and error state to identify users eligible to approve the action requiring manager approval. | * Numeric code used to assign permissions/security for a function to a user. |
| Pre-Order Rule Flag | A flag that determines if system rules for adding a Pre-Order item to a specific transaction type or for adding non-Pre-order items to a Pre-Order transaction are overridden. | * Y – Override current rules * N – Do not allow item to be added to transaction. * P – Enforce current rules. |
| Not on File Rule Flag | A flag that determines if system rules for adding a Not on File item to a specific transaction type are overridden. | * Y – Override current rules * N – Do not allow item to be added to transaction. * P – Enforce current rules. |
| Warranty Rule Flag | A flag that determines if system rules for adding a Warranty item to a specific transaction type are overridden. | * Y – Override current rules * N – Do not allow item to be added to transaction. * P – Enforce current rules. |
| Gift Card Rule Flag | A flag that determines if system rules for adding a Gift Card item to a specific transaction type are overridden. | * Y – Override current rules * N – Do not allow item to be added to transaction. * P – Enforce current rules. |
| Activation Item Rule Flag | A flag that determines if system rules for adding an Activation item to a specific transaction type are overridden. | * Y – Override current rules * N – Do not allow item to be added to transaction. * P – Enforce current rules. |
| Loyalty Item Rule Flag | A flag that determines if system rules for adding a Loyalty item to a specific transaction type are overridden. | * Y – Override current rules * N – Do not allow item to be added to transaction. * P – Enforce current rules. |

# Logging Changes

## Data Output

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Element** | **Description** | **Destination** | **Definition** |
| Source System | Order source system | * Dirty Electronic Journal * POSLog | * Section 11.2 * Section 11.3.1 |
| Order Number | Imported order number | * Dirty Electronic Journal * POSLog | * Section 11.2 * Section 11.3.2 |
| Dynamic Prompt Data | Additional Dynamic Prompt information in Name/Value pairs | * Dirty Electronic Journal * POSLog | * Section 11.2 * Section 11.3.3 |
| Customer Information | Customer Information (GenericImportResponse\Order\Addresses\Address\NameandAddress and GenericImportResponse\Order\OrderLines\OrderLine\Address\NameandAddress) | * Dirty Electronic Journal * POSLog |  |

## Electronic Journal Logging Changes

A new order number and source system line is added for each item added to the transaction from an order import on a sale transaction or return of an ordered item on a return transaction.

|  |  |
| --- | --- |
| …  001 10100725 TELUS BLACKBERRY CURVE 8330 $429.97  TAX GST RATE: 0.0500 AMT: $21.50  TAX AUTHORITY: 1  TAX JURISDICTION: 8  TAX PST RATE: 0.0700 AMT: $30.10  TAX AUTHORITY: 2  TAX JURISDICTION: 43604  PIM CODE: 850000000  CUSTOM DB DATA: Price Reason Code: C  S ORDER # 14305002  ORDER SOURCE SYSTEM: BEAST  Collect Item Attributes.  001 10100725 TELUS BLACKBERRY CURVE 8330  CUSTOM DATA: Name: PROV\_10100725,Prompt: Select PLAN:,Value: 10063275\_PLAN UNDER $35/MONTH  CUSTOM DATA: Name: PLAN\_10100725,Prompt: Select PROMO:,Value: 10029903\_PLAN $35-$74/MONTH\_10063275  CUSTOM DATA: Name: PROM\_10100725,Prompt: Select SECONDARY PROMO:,Value:  002 10063275 FIDO $20 WIRELESS PIN CARD $20.00  REFERENCE NUMBER:000000001761  CARD PIN:T79837816229  PH CARD NUMBER: T79837816229  PH CARD HOST: E  PH CARD ENTRY METHOD: MSR  PH CARD AUTH CODE: 1715947888  TAX GST RATE: 0.0500 AMT: $1.00  TAX AUTHORITY: 1  TAX JURISDICTION: 8  TAX PST RATE: 0.0700 AMT: $1.40  TAX AUTHORITY: 2  TAX JURISDICTION: 43604  PIM CODE: 850000000  CUSTOM DB DATA: Price Reason Code: N  S ORDER # 14305002  ORDER SOURCE SYSTEM: BEAST  \*\*\*\*\*\*\*\*\*\*\*\*START LINE ITEM LINK \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  001 10100725 TELUS BLACKBERRY CURVE 8330  LIL ITEM LINK REASON : Subscriptions  LIL ITEM ID : 10063275  LIL ITEM LINK : 2  LIL ITEM AMOUNT :  \*\*\*\*\*\*\*\*\*\*\*\*END LINE ITEM LINK \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Collect Item Attributes.  002 10063275 FIDO $20 WIRELESS PIN CARD  CUSTOM DATA: Name: PROV\_10063275,Prompt: Select PLAN:,Value: 123456  003 10029903 PLAN $35-$74/MONTH $0.00  TAX GST RATE: 0.0000 AMT: $0.00  TAX AUTHORITY: 9  TAX JURISDICTION: 8  TAX PST RATE: 0.0000 AMT: $0.00  TAX AUTHORITY: 10  TAX JURISDICTION: 43604  PIM CODE: 850000004  CUSTOM DB DATA: Price Reason Code: N  S ORDER # 14305002  ORDER SOURCE SYSTEM: BEAST  \*\*\*\*\*\*\*\*\*\*\*\*START LINE ITEM LINK \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  001 10100725 TELUS BLACKBERRY CURVE 8330  LIL ITEM LINK REASON : Subscriptions  LIL ITEM ID : 10029903  LIL ITEM LINK : 3  LIL ITEM AMOUNT :  \*\*\*\*\*\*\*\*\*\*\*\*END LINE ITEM LINK \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Collect Item Attributes.  003 10029903 PLAN $35-$74/MONTH  CUSTOM DATA: Name: ESN,Prompt: ESN #,Value: 124578  ESN # 124578  >>>Checking package pricing<<<  >>>Back from checking package pricing<<<  … | The “S ORDER #” text is hard coded and the order number is the value from GenericImportResponse\Order@OrderNo in the response  The “ORDER SOURCE SYSTEM:” text is hard coded and the system is the value from GenericImportResponse\[ApplicationSource](file:///C:\Data\Best%20Buy\specs\2012%20Specs\74\BEAST%20Import\GenericImport.xsd)@ApplicationID  The data after the “CUSTOM DATA:” are the attribute name and values on GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data. A “:” is hardcoded between name and value and a “,” is hardcoded between each attribute. |

Figure 7: EJ Logging

## POSLog Changes

### Order Source Information

#### Schema Changes

A new enumeration value is added to the

<xs:simpleType name=”OrderSourceSystemTypeEnumeration”>

<xs:annotaion>

<xs:documentation>

RIP-Remote Inventory Processing

GRID-WFMS

MCCP-FS – Multi-Channel Order Source System for Future Shop

MCCP-BB – Multi-Channel Order Source System for Best Buy

</xs:documentation>

</xs:annotation>

<xs:restriction base=”xs:NMTOKEN”>

<xs:enumeration value=”RIP” />

<xs:enumeration value=”GRID” />

<xs:enumeration value=”MCCP-FS” />

<xs:enumeration value=”MCCP-BB” />

<xs:enumeration value=”BEAST” />

**<xs:enumeration value=”xxx” />**

</xs:restriction>

</xs:simpleType>

#### Implementation

The value for the ThirdPartyOrder\OrderSouceSystem comes from the response in value from GenericImportResponse\[ApplicationSource](file:///C:\Data\Best%20Buy\specs\2012%20Specs\74\BEAST%20Import\GenericImport.xsd)@ApplicationID in response.

### Order Number Information

#### Schema Changes

There are no schema change for this information.

#### Implementation

The value for the ThirdPartyOrder\OrderNumber comes from the response in value from GenericImportResponse\Order@OrderNo in response.

### Subscription Information

#### Schema Changes

There are no schema change for this information.

#### Implementation

The value for the Subscription\RelatedItemCustomData elements come from attributes on GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data in response.

### POSLog Example

…

<Sale>

<ItemTypeAttributes>

<ItemType>PSPEligible</ItemType>

<ItemType>Subscription</ItemType>

</ItemTypeAttributes>

<ItemID>10100725</ItemID>

<ItemNotOnFileFlag>false</ItemNotOnFileFlag>

<Description>CURVE 8330</Description>

<RegularSalesUnitPrice Currency="CAD" UnitOfMeasureCode="EA">429.97</RegularSalesUnitPrice>

<ActualSalesUnitPrice Currency="CAD" UnitOfMeasureCode="EA">429.97</ActualSalesUnitPrice>

<ItemCost Currency="CAD">496.32</ItemCost>

<ExtendedAmount Currency="CAD">429.97</ExtendedAmount>

<DiscountAmount Currency="CAD">0</DiscountAmount>

<ExtendedDiscountAmount Currency="CAD">0</ExtendedDiscountAmount>

<MerchandiseReferenceNumber>46</MerchandiseReferenceNumber>

<StoreHierarchyID>46</StoreHierarchyID>

<Quantity UnitOfMeasureCode="EA">1</Quantity>

<Tax>

<LineNumber>2</LineNumber>

<Rate>0.05</Rate>

<TaxAmount>21.5</TaxAmount>

</Tax>

<Tax>

<LineNumber>3</LineNumber>

<Rate>0.07</Rate>

<TaxAmount>30.1</TaxAmount>

</Tax>

<SerialNumber />

<LineItemLink ItemLinkReason="Subscriptions">

<ItemLink>4</ItemLink>

<LinkAmount xsi:nil="true" />

</LineItemLink>

<LineItemLink ItemLinkReason="Subscriptions">

<ItemLink>5</ItemLink>

<LinkAmount xsi:nil="true" />

</LineItemLink>

<CustomDBData Name="PriceReasonCode">C</CustomDBData>

<CustomDBData Name="BLENDED\_TAX\_PCT"> .12</CustomDBData>

<DBLowestPrice>429.97</DBLowestPrice>

<Department>46</Department>

<Subscription>

<SerialNumber /> ><!-- Value from attributes on

in GenericImportResponse\Order\OrderLines\OrderLine@SerialNo response -->

<RelatedItemCustomData Name="PROV\_10100725" Prompt="Select PLAN:">10063275\_PLAN UNDER

$35/MONTH</RelatedItemCustomData><!-- Value from attributes on

GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data in

response -->

<RelatedItemCustomData Name="PLAN\_10100725" Prompt="Select PROMO:">10029903\_PLAN $35-

$74/MONTH\_10063275</RelatedItemCustomData><!-- Value from attributes on

GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data in

response -->

<RelatedItemCustomData Name="PROM\_10100725" Prompt="Select SECONDARY

PROMO:"></RelatedItemCustomData><!-- Value from attributes on

GenericImportResponse\Order\OrderLines\OrderLine\ExtensionData\Data in

response -->

</Subscription>

<Customer IsDirty="true"> <!-- Value from

GenericImportResponse\Order\OrderLines\OrderLine\Address\NameandAddress in response -->

<Prefix />

<FirstName>uiuy</FirstName>

<MiddleName />

<LastName>iuyiu</LastName>

<Suffix />

<Address>

<Name>uiuy iuyiu</Name>

<AddressLine>iuy</AddressLine>

<AddressLine2>iyuiu</AddressLine2>

<City>y</City>

<State>ON</State>

<PostalCode>m4b1b3</PostalCode>

<CountryCode>CAN</CountryCode>

</Address>

<PhoneNumber PhoneType="Home">

<AreaCode>897</AreaCode>

<TelephoneNumber>987-9879</TelephoneNumber>

</PhoneNumber>

<PhoneNumber PhoneType="Work">

<AreaCode />

<TelephoneNumber />

</PhoneNumber>

<eMail>jhjhg@hgf.com</eMail>

<AccountNumber />

<Rating />

<Role>ESC</Role>

<Consent>false</Consent>

<ConsentDate>2014-08-13</ConsentDate>

</Customer>

<ThirdPartyAppIdentifier>0</ThirdPartyAppIdentifier>

<ThirdPartyOrder Offline=”false”>

<OrderNumber>B532892089012345678901</OrderNumber> <!-- Value from

GenericImportResponse\Order@OrderNo in response with the “B” included -->

<OrderSourceSystem>BEAST-FS</OrderSourceSystem> <!-- Value from

GenericImportResponse\[ApplicationSource](file:///C:\Data\Best%20Buy\specs\2012%20Specs\74\BEAST%20Import\GenericImport.xsd)@ApplicationID in response -->

<ThirdPartyCustomData Name=”PrimeLineNo”>1<ThirdPartyCustomData> <!-- Value from

GenericImportResponse\Order\OrderLines\OrderLine@PrimeLineNo in response -->

</ThirdPartyOrder>

<PIMCode>850000000</PIMCode>

<Signature NumPoints="0" Usage=""></Signature>

<PriceReasonCode>C</PriceReasonCode>

</Sale>

…

# Interface Definition



# Out Of Scope

* *This Specification covers the changes needed to implement the changes for using Generic Import Interface. Functionality that has no changes from the current processes is not covered unless needed to provide context.*

# Business Sign Off

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
| Jesse Wielgan | Best Buy |  |

# Technical Sign Off

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
| Kevin Bahng | Best Buy |  |

# Technical Review

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
| Andy Liang | Best Buy |  |
| Mark Houghton | Best Buy |  |
| Brandon Ellefson | Best Buy |  |

# Technical Inform

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Approval Email and/or Date Received** |
| Paul Leung | Storeworks/Stella Nova Technologies |  |
| Vinodh Narayanan | Storeworks/Stella Nova Technologies |  |
| Pete Gillis | Storeworks/Stella Nova Technologies |  |
| David Hawkins | Storeworks/Stella Nova Technologies |  |
| Mark Mixter | Storeworks/Stella Nova Technologies |  |
| Sonali Navale | Storeworks/Stella Nova Technologies |  |
| Muhammad Idriss | Storeworks/Stella Nova Technologies |  |

# Revision History

## Reviews

|  |  |  |
| --- | --- | --- |
| **Date** | **Iteration** | **Result** |
| 11/4/2014 | 1.0 – Internal Review | Updates in version 1.1 |
| 2/2/2015 | 1.2 – BBY Review | Updates in version 1.3 |

## Revision History

| **Reviser** | **Revision** | **Date** | **Version** |
| --- | --- | --- | --- |
| Amy Byers | Initial Version | 11/3/2014 | 1.0 |
| Amy Byers | Updates from Internal Review | 11/10/2014 | 1.1 |
| Amy Byers | Updates from Internal Reviews | 12/4/2014 | 1.2 |
| Amy Byers | * Section 4.1: Moved Price Application flow and Post processing flows out of section. * Section 4.3:   + Removed bullet regarding Pre Order Transactions as covered in system configuration settings.   + Added note for types of relationshipsm included in 2 tier logic.   + Moved post import processes to new section.   + Added that after all items added, the focus is on the first PSP eligible item. * Section 4.4.4: Added check for additional items. * Section 4.4.8: Added using generic system rule alternate flow. * Section 4.4.13: Added P option for serial number capture to not require serial number. * Section 4.4.18: Added flow diagram. * Section 4.4.20: Added process when quantity not defined. * Section 4.4.22: Added check for quantity required for item. * Section 4.5: Added summary matrix for item processing. * Section 5: Added separate section for post basket import processes | 2/13/2015 | 1.3 |
| Amy Byers | * Section 4.3:   + Added that if customer is in response for an item that is not customer required, system still logs the customer information.   + Added information that if item level processing rules not defined, but order level is defined, system uses order level rules. * Section 4.4: Added information that if item level processing rules not defined, but order level is defined, system uses order level rules. * Section 4.5: Changed column name from Action to Value for clarification. | 4/20/2015 | 1.4 |

# Appendix : Source Documentation

* Requirement Specification - XPOS\_basket import\_0625
* GenericImport.xsd v 2.0.0

## Generic Import Functional Requirements

| **ID** | **Requirement Name** | **Description** | **Section(s)** |
| --- | --- | --- | --- |
| 6.1 | General | Universal Basket Import service contract will extend the Quick Order service contract to support additional information in the request and response messages. | * 12 Interface Definition |
| 6.2 | Application ID | Universal Basket Import **request** will have an application ID field to identify the external service, such as BEAST, GRID, or MCF. | * 12 Interface Definition |
| 6.3 | Input Parameters | Universal Basket Import **request** will support transaction 4-part key, order number, reference ID, customer email, and customer phone number as input parameters for order retrieval. | * 12 Interface Definition |
| 6.4 | Application ID | Universal Basket Import **response** will have an application ID field to identify the external service, such as BEAST, GRID, or MCF. | * 12 Interface Definition |
| 6.5 | Error Message | Universal Basket Import **response** will support error codes passed back from the services. POS will be able to map the error codes to error messages in the store default language and display the error messages on screen. | * 12 Interface Definition * 8.1.3.4 Application Import Error Message |
| 6.5.1 | Error Message | The error message will be identified using the application ID and the error code ID. | * 8.1.3.4 Application Import Error Message |
| 6.6 | Item Quantity | Universal Basket Import response will support item quantity. POS will use the item quantity from the response when importing the item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.20 Quantity Alternate Flow * 4.4.21 Multiple Quantity Alternate Flow * 4.4.22 Zero Quantity Alternate Flow * 12 Interface Definition |
| 6.6.1 | Item Quantity | If the item qty allow attribute is set to allow qty override, multiple qty items will be imported onto a single line with the qty overridden. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.20 Quantity Alternate Flow * 12 Interface Definition |
| 6.6.1.1 | Item Quantity | Serial number capture, subscription, subscription prompts, and tier 2/3 linked item will not be triggered in POS for qty overridden imported item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.13 Serial Number Prompt Alternate Flow * 12 Interface Definition |
| 6.6.2 | Item Quantity | If the item qty allow attribute is set to not allow qty override, multiple qty items will be imported onto separate lines within the transaction. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.20 Quantity Alternate Flow * 12 Interface Definition |
| 6.7 | Item Price | Universal Basket Import response will support item price. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.18 PriceApplication Processing Rule Alternate Flow * 12 Interface Definition |
| 6.7.1 | Item Price | Universal Basket Import response will include an attribute to indicate whether best price rule should be applied. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.18 PriceApplication Processing Rule Alternate Flow * 12 Interface Definition |
| 6.7.2 | Item Price | If the response doesn't have an item price, and the imported item is not a price required item, POS will use the unit price from POS database when importing the item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.18 PriceApplication Processing Rule Alternate Flow * 12 Interface Definition |
| 6.7.3 | Item Price | If the response doesn't have an item price, and the imported item is a price required item, POS will prompt for a price when importing the item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.18 PriceApplication Processing Rule Alternate Flow * 12 Interface Definition |
| 6.7.4 | Item Price | If the response contains an item price, and best price attribute is not set, POS will use the item price from the response when importing the item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.18 PriceApplication Processing Rule Alternate Flow * 12 Interface Definition |
| 6.7.5 | Item Price | If the response contains an item price, and best price attribute is set, POS will compare the item price from the response with the unit price from POS database and apply the lower price when importing the item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.18 PriceApplication Processing Rule Alternate Flow * 12 Interface Definition |
| 6.8 | Linked Items | Universal Basket Import response will support linked item. When importing the order, POS will link the items based on the item level links in the response message. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.16Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow * 4.4.17 Linked Item in the Basket Alternate Flow * 12 Interface Definition |
| 6.8.1 | Linked Items | Linked items will include linked item reason to support importing PSP/PRP/MPSP, subscription relationships, and tier 2/3 linked items. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.16Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow * 4.4.17 Linked Item in the Basket Alternate Flow * 12 Interface Definition |
| 6.9 | Customer Information | Universal Basket Import response will support customer information at both the basket and Item level. POS will capture customer information based on the customer information in the response message. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.14 Name and Address Required Item Alternate Flow * 12 Interface Definition |
| 6.9.1 | Customer Information | If the imported item is a customer capture required item, and there is item level customer available for this item in the response, POS will use the customer from the response and will not prompt for customer capture. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.14 Name and Address Required Item Alternate Flow * 12 Interface Definition |
| 6.9.2 | Customer Information | If the imported item is a customer capture required item, and item level customer is not available for this item in the response, POS will use the basket level customer from the response and will not prompt for customer capture. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.14 Name and Address Required Item Alternate Flow * 12 Interface Definition |
| 6.9.3 | Customer Information | If the imported item is a customer capture required item, and customer information is not available at item and basket level in the response, POS will prompt for customer information capture for the imported item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.14 Name and Address Required Item Alternate Flow * 12 Interface Definition |
| 6.9.4 | Customer Information | If basket or item level customer information is passed back in the response, POS will log the customer information in POSLog and EJ for the imported items. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.14 Name and Address Required Item Alternate Flow * 11 Logging Changes * 12 Interface Definition |
| 6.10 | Loyalty Membership | Universal Basket Import response will support loyalty membership number. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.11 Loyalty Enrollment or Usage Item Alternate Flow * 12 Interface Definition |
| 6.10.1 | Loyalty Membership | If the imported item is a loyalty enrollment SKU, and loyalty membership number is passed back in the response, POS will record the membership number with the enroll ment sku. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.11 Loyalty Enrollment or Usage Item Alternate Flow * 12 Interface Definition |
| 6.10.2 | Loyalty Membership | If the imported item is a loyalty enrollment SKU, and loyalty membership number is not available in the response, POS will prompt for membership ID to complete the enrollment process. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.11 Loyalty Enrollment or Usage Item Alternate Flow * 12 Interface Definition |
| 6.10.3 | Loyalty Membership | If the imported item is a loyalty usage SKU, and loyalty membership number is available in the response, POS will use the membership number to complete the usage process. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.11 Loyalty Enrollment or Usage Item Alternate Flow * 12 Interface Definition |
| 6.10.4 | Loyalty Membership | If the imported item is a loyalty usage SKU, and loyalty membership number is not available in the response, POS will prompt for membership information to complete the usage process. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.11 Loyalty Enrollment or Usage Item Alternate Flow * 12 Interface Definition |
| 6.11 | Item Level Attribute | Universal Basket Import response will have an item level attribute list to define item import behaviors in POS. | * 4.1 Feature Flow * 4.3 Main Flow * 12 Interface Definition |
| 6.11.1 | Serial Number Capture | Item level attribute list will have a Yes/No attribute for serial number capture. The attribute value determines whether POS will prompt for serial number when importing a serial number required item. The default value is No. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.13 Serial Number Prompt Alternate Flow * 12 Interface Definition |
| 6.11.1.1 | Serial Number Capture | If the attribute is set to yes and the serial number is available in the response message, POS will populate the serial number in the prompt field. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.13 Serial Number Prompt Alternate Flow * 12 Interface Definition |
| 6.11.1.1.1 | Serial Number Capture | If the serial number field is pre-populated, the user may accept the populated serial number or may edit the field. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.13 Serial Number Prompt Alternate Flow * 12 Interface Definition |
| 6.11.1.1.2 | Serial Number Capture | If the serial number attribute is set to yes, the serial number confirmed by the user will be printed on the receipt. | * 9.1.1 Sale Receipt |
| 6.11.1.2 | Serial Number Capture | If the serial number attribute is set to no and the serial number is available in the response message, POS will log the serial number in POSLog and EJ but will not prompt in POS. | * 11 Logging Changes |
| 6.11.1.2.1 | Serial Number Capture | If the serial number attribute is set to no and serial number is available in the response message, serial number will print on the receipt. | * 9.1.1 Sale Receipt |
| 6.11.2 | Linked Items | Item level attribute list will have a Yes/No attribute for tier 2/3 linked SKU. The attribute value determines whether POS will automatically add tier 2/3 linked SKUs, such as EHF, defined in the POS database when importing item from the response message. The default value is No. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.16 Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow * 12 Interface Definition |
| 6.11.2.1 | Linked Items | If the linked SKU attribute is set to yes, POS will automatically add tier 2/3 linked SKUs if there's any defined in POS database for the imported item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.16 Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow * 12 Interface Definition |
| 6.11.2.2 | Linked Items | If the linked SKU attribute is set to no, POS will not automatically add tier 2/3 linked SKUs defined in POS database for the imported item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.16 Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow * 12 Interface Definition |
| 6.11.2.3 | Linked Items | if a linked SKU is added to the transaction, focus will remain on the core item. Related items will be presented based on the core item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.16 Parent Item in a Linked Item Definition (2 Tier Item) Alternate Flow * 12 Interface Definition |
| 6.11.3 | Subscription | Item level attribute list will have a Yes/No attribute for subscription relationship prompts. The default value is Yes. | * 4.1 Feature Flow * 4.3 Main Flow * 12 Interface Definition |
| 6.11.3.1 | Subscription | If the subscription attribute is set to yes, and there's active subscription relationships defined in POS database for the imported item, POS will trigger subscription relationship selection process when importing the item. | * 4.4.19 Extension Data Prompt Alternate Flow |
| 6.11.3.2 | Subscription | If the subscription attribute is set to no, or there's no active subscription relationship defined in POS database for the imported item, POS will not trigger subscription relationship selection process when importing the item. | * 4.3 Main Flow |
| 6.11.5 | PSP | Item level attribute list will have a Yes/No attribute for PSP/PRP/MPSP import. The default value is Yes. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.6 Warranty Item Alternate Flow * 12 Interface Definition |
| 6.11.5.1 | PSP | If the attribute is set to yes, and the imported item is a PSP/PRP/MPSP, POS will import the PSP/PRP/MPSP, and will trigger the PSP/PRP/MPSP process. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.6 Warranty Item Alternate Flow * 12 Interface Definition |
| 6.11.5.2 | PSP | If the attribute is set to no, and the imported item is a PSP/PRP/MPSP, POS will not import the PSP/PRP/MPSP item from the basket. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.6 Warranty Item Alternate Flow * 12 Interface Definition |
| 6.12 | Item Level Prompt | Unversal Basket Import response will support subscription custom prompts. | * 4.1 Feature Flow * 4.3 Main Flow * 12 Interface Definition |
| 6.12.1 | POSLog/EJ | If the imported item has subscription custom prompts set up in POS database, and all these prompts are available in the basket import response, POS will match the prompt name and log the prompts and corresponding values in POSLog, EJ, and print them on receipt. | * 4.1 Feature Flow * 4.3 Main Flow * 12 Interface Definition |
| 6.12.3 | Item Level Prompt | If the imported item has subscription custom prompts set up in POS database, and not all these prompts are available in the basket import response, POS will ignore all prompts in the response for this item, and trigger subscription custom prompt process based on database setup. | * 4.4.19 Extension Data Prompt Alternate Flow |
| 6.12.4 | Item Level Prompt | If the imported item does not have subscription custom prompt set up in POS database, but basket import response contains subscription custom prompt for the item, POS will ignore all prompts in the response for this item. | * 4.3 Main Flow |
| 6.12.5 | Item Level Prompt | POS will ignore any subscription custom prompt from the basket import response if the prompt name is not defined in POS database for the imported item. | * 4.4.19 Extension Data Prompt Alternate Flow |
| 6.13 | Item Level Attribute | Universal Basket Import response will have a basket level attribute list to define post-item-import behaviors in POS. | * 4.1 Feature Flow * 4.3 Main Flow * 5 Use Case: Post Basket Import * 12 Interface Definition |
| 6.13.4 | Price Override | Post-import attribute list will have a Yes/No attribute for price override. POS will allow price override after item import if the attribute is set to Yes; otherwise POS will not allow price override on the imported item. The default value is Yes. | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.1 Price Override Alternate Flow * 12 Interface Definition |
| 6.13.5 | Item Discount | Post-import attribute list will have a Yes/No attribute for manual item discount. POS will allow manual item discount after item import if the attribute is set to Yes; otherwise POS will not allow manual item discount on the imported item. The default value is Yes. | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.2 Item Discount Alternate Flow * 12 Interface Definition |
| 6.13.7 | Item Tax Override | Post-import attribute list will have a Yes/No attribute for item tax override. POS will allow item tax override after item import if the attribute is set to Yes; otherwise POS will not allow item tax override on the imported item. The default value is No. | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.3 Item Tax Override Alternate Flow * 12 Interface Definition |
| 6.13.8 | Item Tax Exemption | Post-import attribute list will have a Yes/No attribute for item tax exemption. POS will allow item tax exemption after item import if the attribute is set to Yes; otherwise POS will not allow item tax exemption on the imported item. The default value is Yes. | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.4 Item Tax Exempt Alternate Flow * 12 Interface Definition |
| 6.13.10 | Kits on the Fly | Post-import attribute list will have a Yes/No attribute for kits on the fly. POS will allow the item being in a kit after item import if the attribute is set to Yes; otherwise POS will not show the imported item in the eligible item list when creating a kit. The default value is Yes. | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.5 Kits on the Fly Alternate Flow * 12 Interface Definition |
| 6.13.11 | Value Packages | Post-import attribute list will have an attribute for value packages. The attribute can have the following possible values. 1. a value indicates POS will not allow the imported item to be part of a value package. That means POS will take the item out of consideration when evaluating value packages. 2. a value indicates POS will allow the imported item to be part of a value package, and also allow the price of the imported item to be updated by applicable value packages. 3. a value indicates POS will allow the imported item to be part of a value package, but the item price will not be updated by value packages.  The default value will allow the imported item to be in a value package and its price can also be updated by the value packages applied, i.e., #2 in the value list above. | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.12 Deal Processing Alternate Flow * 12 Interface Definition |
| 6.13.12 | Virtual Receipt | POS import list will have an attribute for defining the colour that will be used in the virtual receipt, to identify the imported items. | * 4.3 Main Flow |
| 6.14 | Import Validation | Before importing the order, POS will validate the items in the Universal Basket Import response message. POS will reject the whole order if it cannot import any one of the items. | * 4.1 Feature Flow * 4.3 Main Flow * 12 Interface Definition |
| 6.14.1 | Import Validation | Item cannot be imported into POS if it doesn't exist in POS database. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.3 Not on File Item Alternate Flow * 12 Interface Definition |
| 6.14.2 | Import Validation | Item cannot be imported into POS if it cannot be sold in POS. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.12 Unsellable Item Alternate Flow * 12 Interface Definition |
| 6.14.3 | Import Validation | Item cannot be imported into POS if it is a pre-order item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.8 Pre-Order Item Alternate Flow * 12 Interface Definition |
| 6.14.4 | Import Validation | Item cannot be imported into POS if it is a gift card. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.9 Gift Card Item Alternate Flow * 12 Interface Definition |
| 6.14.5 | Import Validation | Item cannot be imported into POS if it is an activation-required item, such as phone cards, or POSA cards. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.10 Activation Item Alternate Flow * 12 Interface Definition |
| 6.14.6 | Import Validation | Item cannot be imported into POS if the item quantity is 0, and item is not a quantity override required item. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.20 Quantity Alternate Flow * 4.4.22 Zero Quantity Alternate Flow * 12 Interface Definition |
| 6.14.7 | Import Validation | Item cannot be imported if the item is a manager approval required item and user has cancelled the approval prompt. | * 4.1 Feature Flow * 4.3 Main Flow * 4.4.15 Manager Approval Required Alternate Flow * 12 Interface Definition |
| 6.15 | Post-Import Activities | Universal Basket Import will **allow** the following post-import POS functionality: Transaction Void | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.11 Transaction Void Alternate Flow * 12 Interface Definition |
| 6.16 | Post-Import Activities | Universal Basket Import will **dis-allow** the following post-import POS functionality: Item Void Raincheck Quantity Override | * 4.1 Feature Flow * 4.3 Main Flow * 5.4.6 Item Void Alternate Flow * 5.4.9 Issue Raincheck Alternate Flow * 5.4.10 Quantity Override Alternate Flow * 12 Interface Definition |
| 6.17 | EJ Logging | POS will log the order retrieval information to the EJ, i.e., the email, order number, ref number, etc. | * 11.2 Electronic Journal Logging Changes |
| 6.18 | Tax Service | POS will call tax service at total time to determine taxes for each item. | * Current Functionality |

# Appendix : Referenced Documentation

* BBYC\_mPOS\_R8\_Sale FDoc\_v1.0
* BBYC\_mPOS\_R7\_Manager Override FDoc\_1.1.docx

# Appendix : Glossary

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| **Term** | **Definition** |
| IBH | International Business Hierarchy – hierarchical definition of the store/register location |