



MCF Enhancement	Feature Document	
Point of Sale	Revision Date: 4/9/15	
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## Table of Contents

<b>1. Project Specification Overview .....</b>	<b>3</b>
1.1 Document Goal and Purpose.....	3
1.2 Project Description .....	3
<b>2. User Impacts .....</b>	<b>3</b>
2.1 Screen Process Flow .....	3
<b>3. Use Case: Initiate Order .....</b>	<b>7</b>
3.1 Feature Flow .....	7
3.2 Preconditions.....	8
3.3 Main Flow .....	8
3.4 Special Requirements .....	8
<b>4. Use Case: Create Order .....</b>	<b>9</b>
4.1 Feature Flow .....	9
4.2 Preconditions.....	9
4.3 Main Flow .....	9
4.4 Alternate Flow.....	9
4.5 Special Requirements .....	10
<b>5. Use Case: Modify Order .....</b>	<b>10</b>
5.1 Feature Flow .....	10
5.2 Preconditions.....	10
5.3 Main Flow .....	10
5.4 Alternate Flow.....	11
5.5 Special Requirements .....	11
<b>6. Use Case: Remove Order .....</b>	<b>12</b>
6.1 Feature Flow .....	12
6.2 Preconditions.....	12
6.3 Main Flow .....	12
6.4 Alternate Flow.....	12
<b>7. Use Case: Import Order .....</b>	<b>13</b>
7.1 Feature Flow .....	13
7.2 Preconditions.....	13
7.3 Main Flow .....	13
7.4 Alternate Flow.....	13
7.5 Special Requirements .....	14
<b>8. Use Case: Get Order .....</b>	<b>15</b>
8.1 Feature Flow .....	15
8.2 Preconditions.....	15
8.3 Main Flow .....	16
8.4 Alternate Flow.....	16
8.5 Special Requirements .....	17
<b>9. Use Case: Modified MCF Total .....</b>	<b>18</b>
9.1 Feature Flow .....	18

9.2	Preconditions.....	18
9.3	Main Flow .....	18
9.4	Alternate Flow.....	19
9.5	Special Requirements.....	19
<b>10.</b>	<b>Other feature Impacts .....</b>	<b>19</b>
10.1	Suspend/Resume Impacts .....	19
10.2	Training Mode Impacts .....	19
10.3	Transaction Void .....	19
<b>11.</b>	<b>Assumptions .....</b>	<b>19</b>
<b>12.</b>	<b>Screen Layouts.....</b>	<b>20</b>
12.1	POS Screens.....	20
<b>13.</b>	<b>Printing .....</b>	<b>25</b>
13.1	Receipt Changes.....	25
<b>14.</b>	<b>Configurable Settings.....</b>	<b>28</b>
<b>15.</b>	<b>Logging Changes .....</b>	<b>29</b>
15.1	Electronic Journal Logging Changes.....	29
15.2	POSLog Changes.....	32
<b>16.</b>	<b>Interfaces.....</b>	<b>36</b>
16.1	MCF Application .....	36
16.2	MCF Get Order Details Web Service.....	37
16.3	MCF Submit Order Web Service .....	39
16.4	MCF Error Type.....	40
16.5	OMS Cancel Order.....	41
<b>17.</b>	<b>Out Of Scope.....</b>	<b>41</b>
<b>18.</b>	<b>Business Sign Off (Sections 2, 12 &amp; 13).....</b>	<b>42</b>
<b>19.</b>	<b>Technical Sign Off .....</b>	<b>42</b>
<b>20.</b>	<b>Technical Review .....</b>	<b>42</b>
<b>21.</b>	<b>Technical Inform .....</b>	<b>42</b>
<b>22.</b>	<b>Revision History .....</b>	<b>43</b>
22.1	Reviews .....	43
22.2	Revision History.....	43
<b>23.</b>	<b>Appendix A: Source Documentation .....</b>	<b>44</b>
23.1	Functional Requirements .....	44
<b>24.</b>	<b>Appendix B: Glossary .....</b>	<b>52</b>
<b>25.</b>	<b>Appendix C: Language Codes .....</b>	<b>52</b>

# 1. Project Specification Overview

## 1.1 Document Goal and Purpose

The goal of this project specification is to document the way the POS application will complete the MCF process in the xPOS application and interact with outside systems (MCF and POSLog). 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.

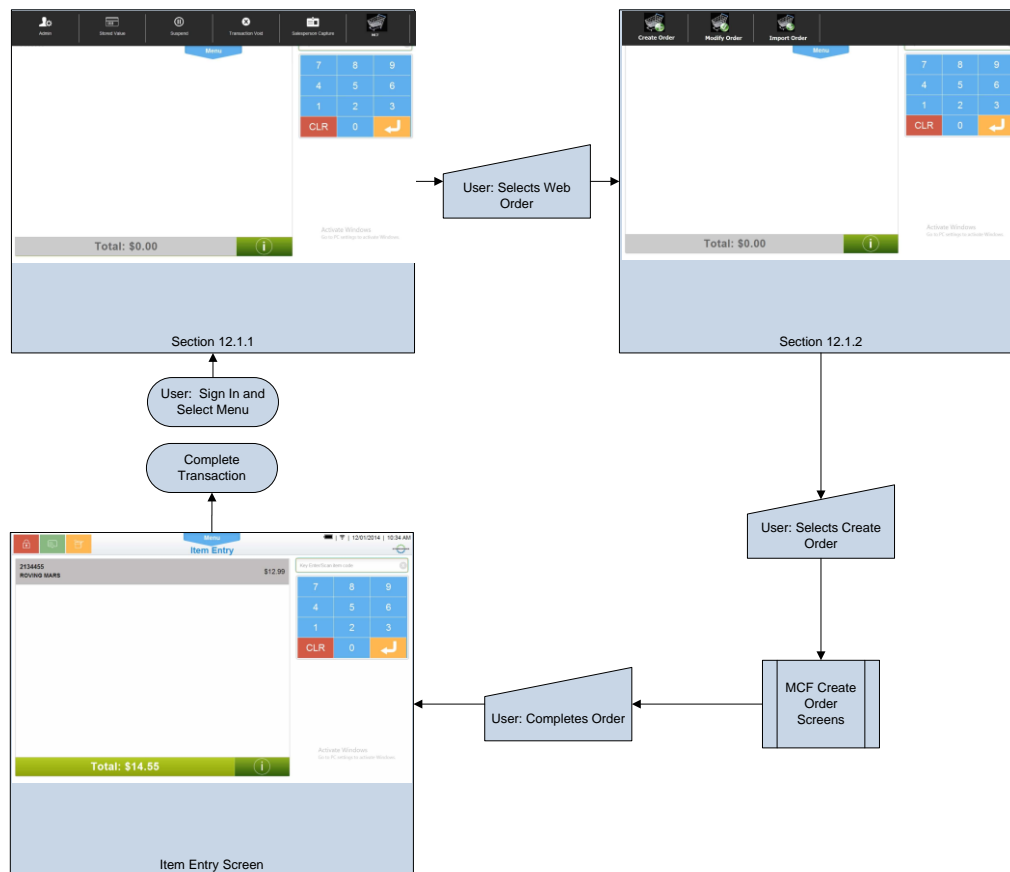
## 1.2 Project Description

The first phase of Multi-Channel Fulfillment project is for POS to import orders that are being shipped to the customer's home or a specific store. This will allow the customer to create the web basket in the store and then import it into a POS transaction to tender the order in store versus online.

# 2. User Impacts

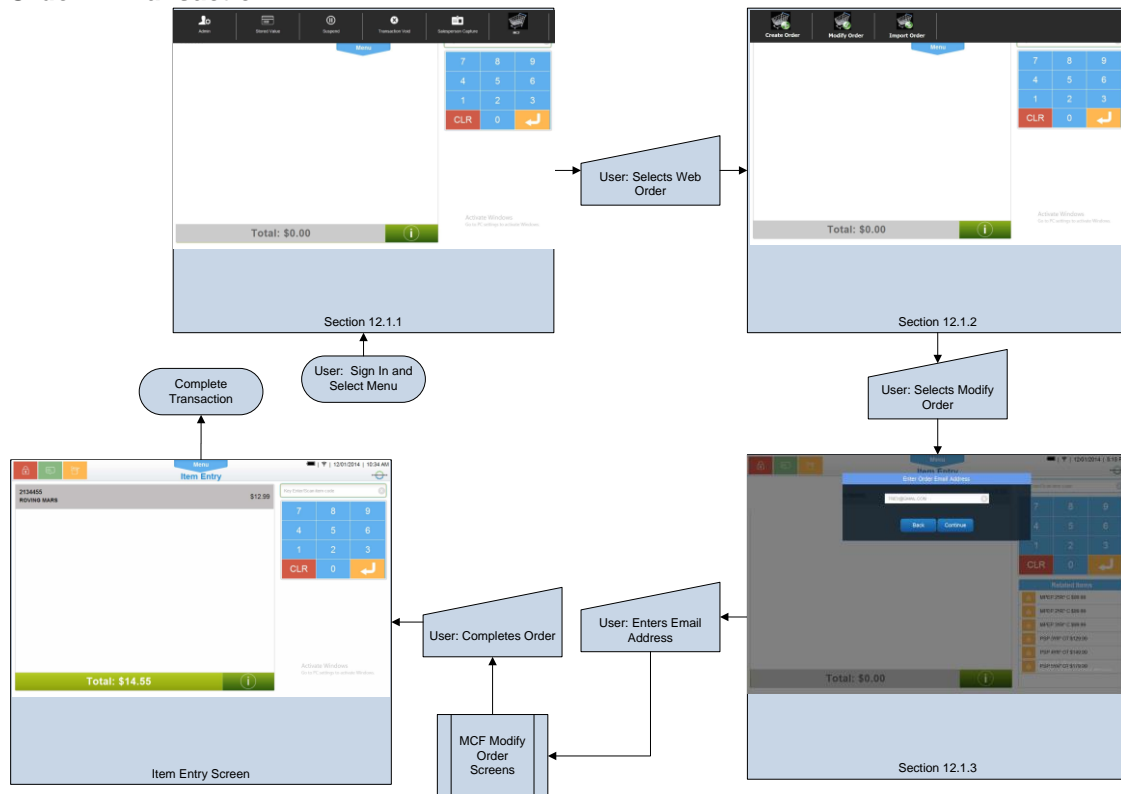
## 2.1 Screen Process Flow

### 2.1.1 Create Order



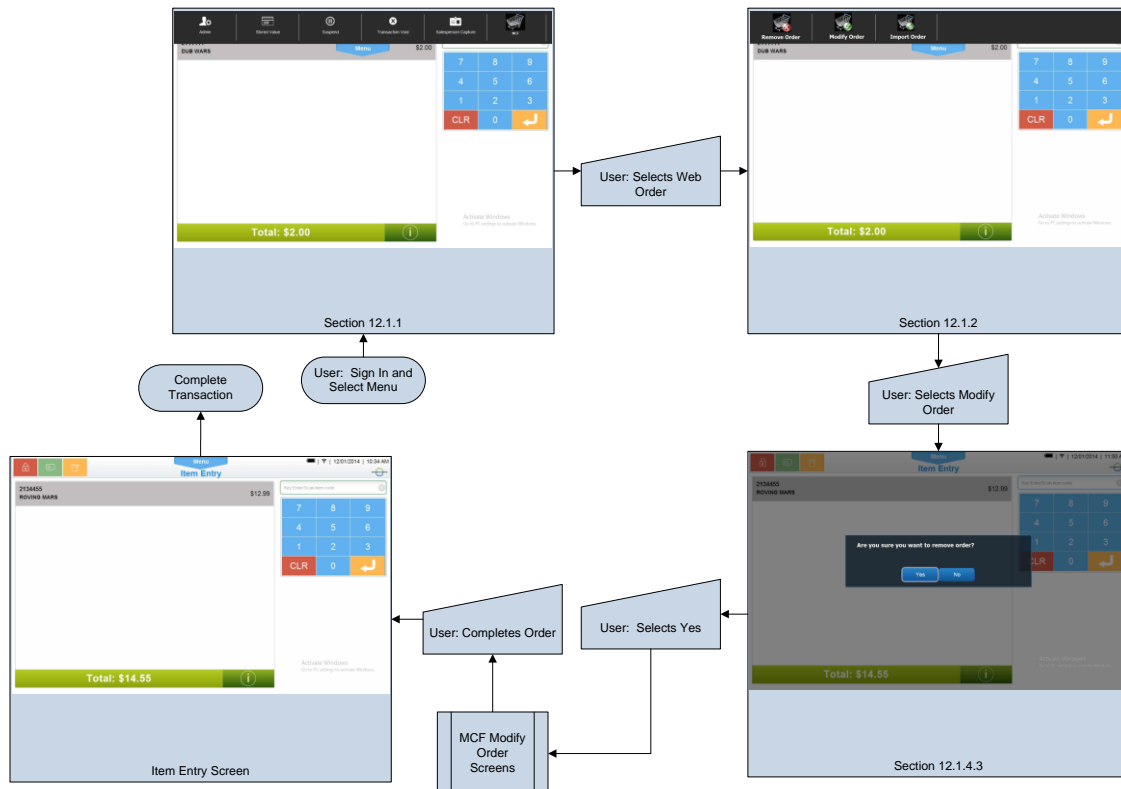
## 2.1.2 Modify Order

### 2.1.2.1 No Order in Transaction

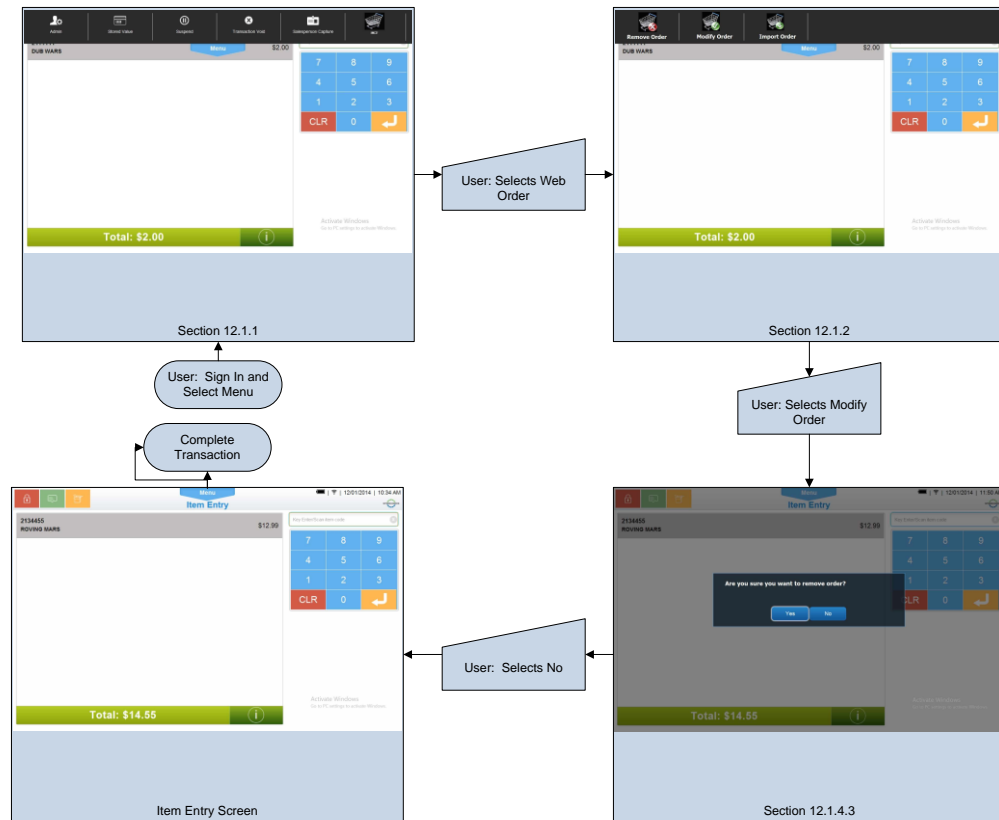


### 2.1.2.2 Order in Transaction

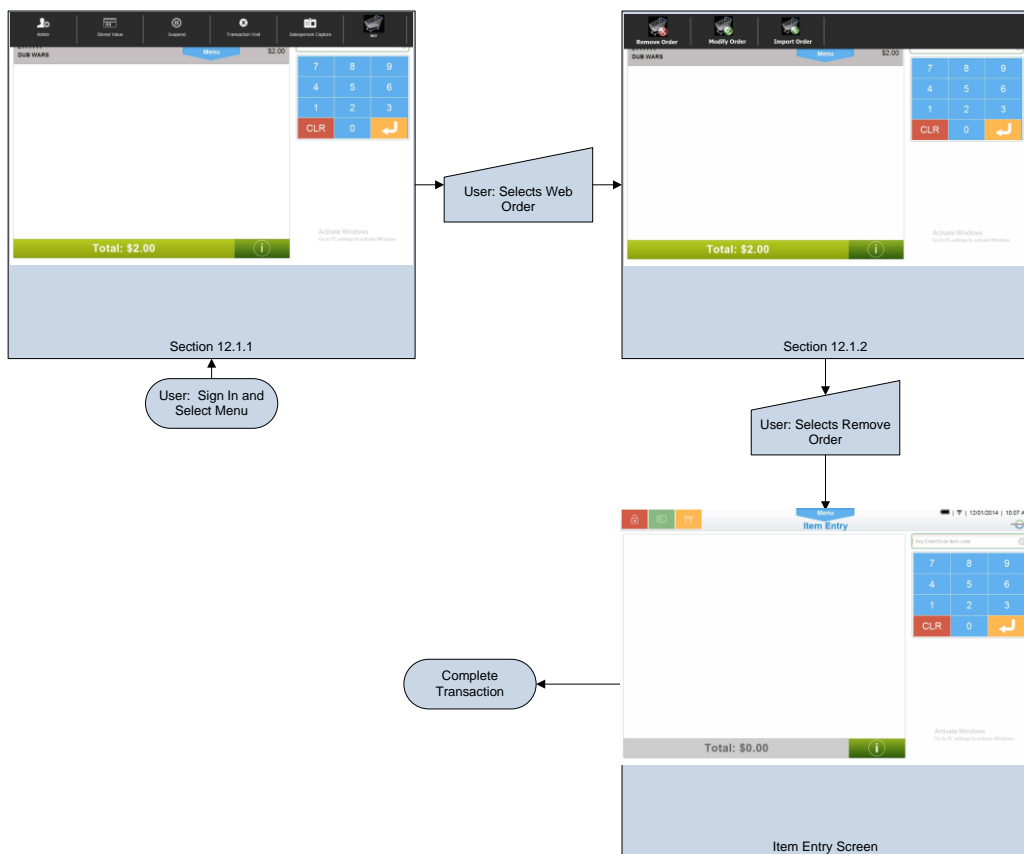
#### 2.1.2.2.1 Remove-Yes



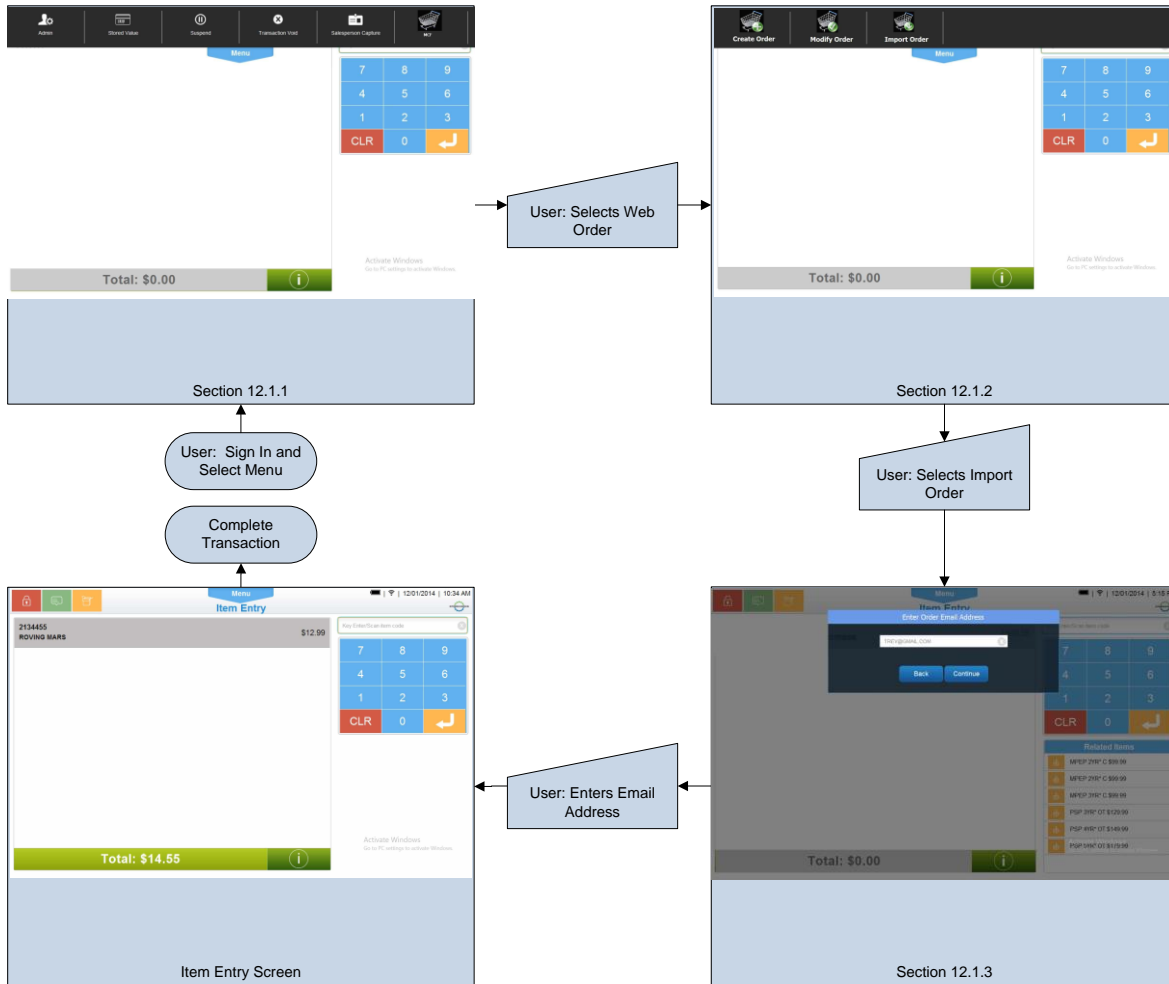
### 2.1.2.2.2 Remove-No



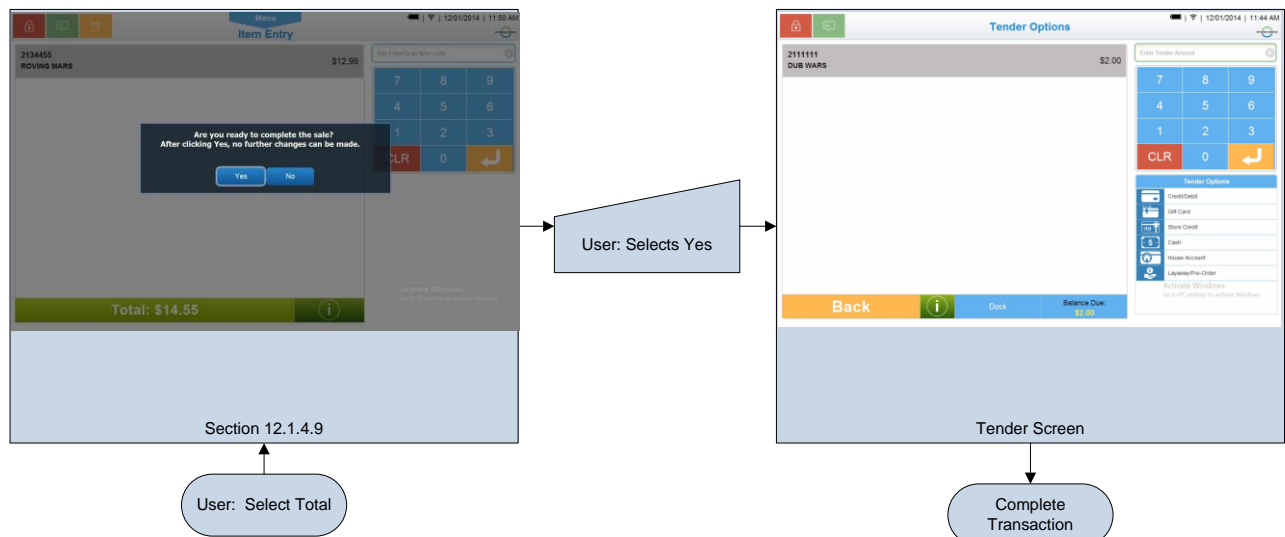
### 2.1.3 Remove Order



## 2.1.4 Import Order



## 2.1.5 Total Order



### 3. Use Case: Initiate Order

#### 3.1 Feature Flow

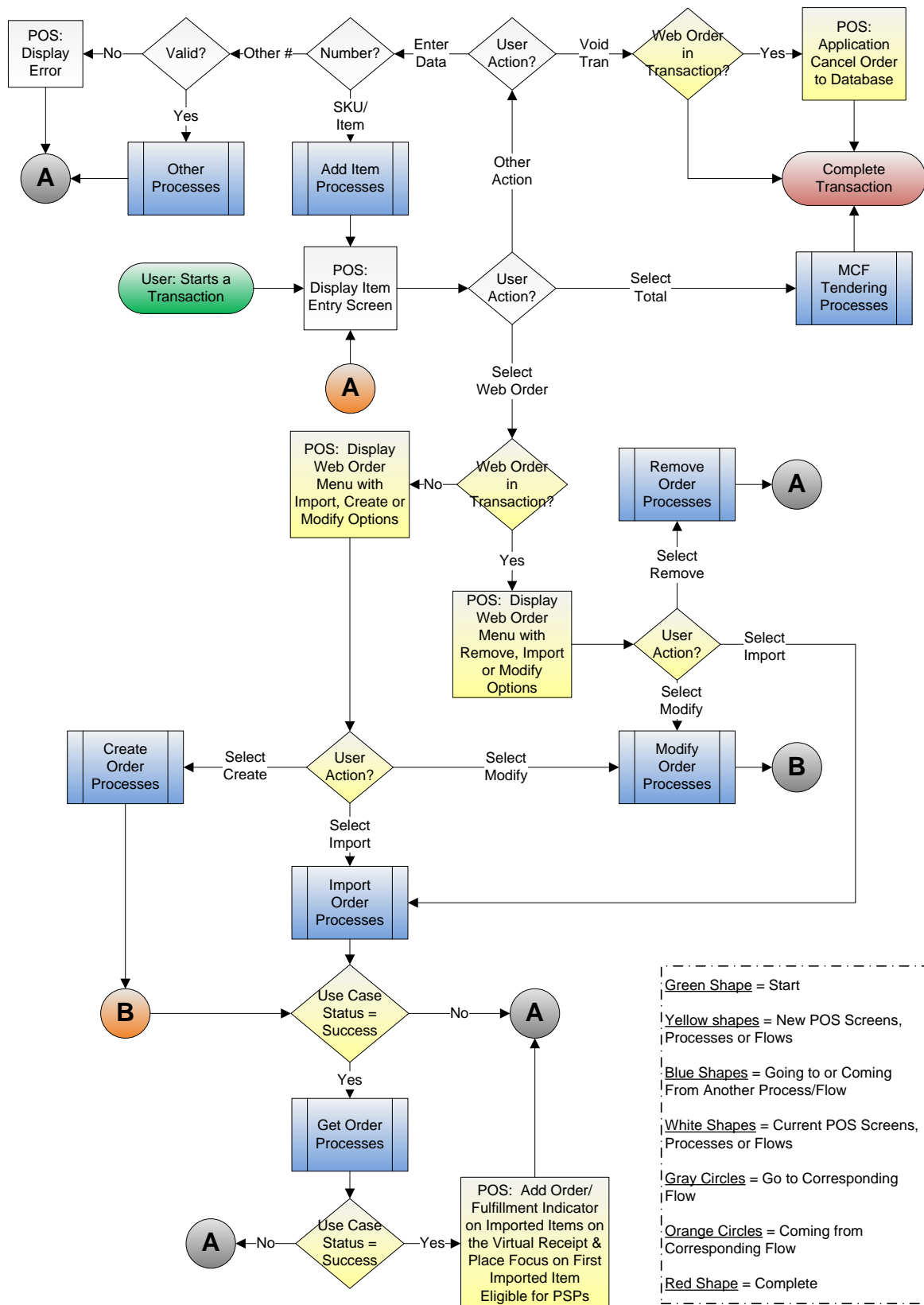


Figure 1: Initiate Process Flow

### 3.2 Preconditions

- User signed into application
- User has selected Web Order from Menu

### 3.3 Main Flow

1. System evaluates if Order in transaction.
2. If no order in transaction, system displays Web Order Menu (section 12.1.2.) without 'Remove Order' Option and continues with bullet 5 below.
3. If order in transaction, system displays Web Order Menu (section 12.1.2.) without 'Create Order' Option and continues with bullet 4 below.
4. If user selects Remove Order, System executes Remove Order Use Case (section 1) and continues with bullet 12 below.
5. If user selects Modify Order, System executes Modify Order Use Case (section 5) and continues with bullet 8 below.
6. If user selects Create Order, System executes Create Order Use Case (section 4) and continues with bullet 8 below.
7. If user selects Import Order, System executes Import Order Use Case (section 6.4.1) and continues with bullet 8 below.
8. If Use Case status equals Fail, system and continues with bullet 12 below.
9. If Use Case status equals Success, system executes Get Order Use Case (section 7.4.1).
10. If Get Order Use Case equals Fail, system continues with bullet 12 below.
11. If Get Order Use Case equals Success, System adds order fulfillment indicator to the imported items, places focus on first Imported Item eligible for Warranties.
12. System ends use case and returns to the Sale use case.

### 3.4 Special Requirements

1. The Web Order options are only available during sale and employee sale. It is not available during Layaway Deposit, Pre-Order Deposit transaction types. (Future transaction types will also be excluded.)
2. If grab and go items are in the transaction, web order options are available.
3. MCF Web items are removed only if the MCF System is re-launched or the import process is re-executed or if Remove Web Basket is selected. User may not manually void an order item from the transaction.
4. The MCF Web Item shipping details are displayed with other the item modification details.
5. Web Order Options are available within the Modify Transaction menu.
6. User cannot toggle between POS and MCF within POS.



## 4. Use Case: Create Order

### 4.1 Feature Flow

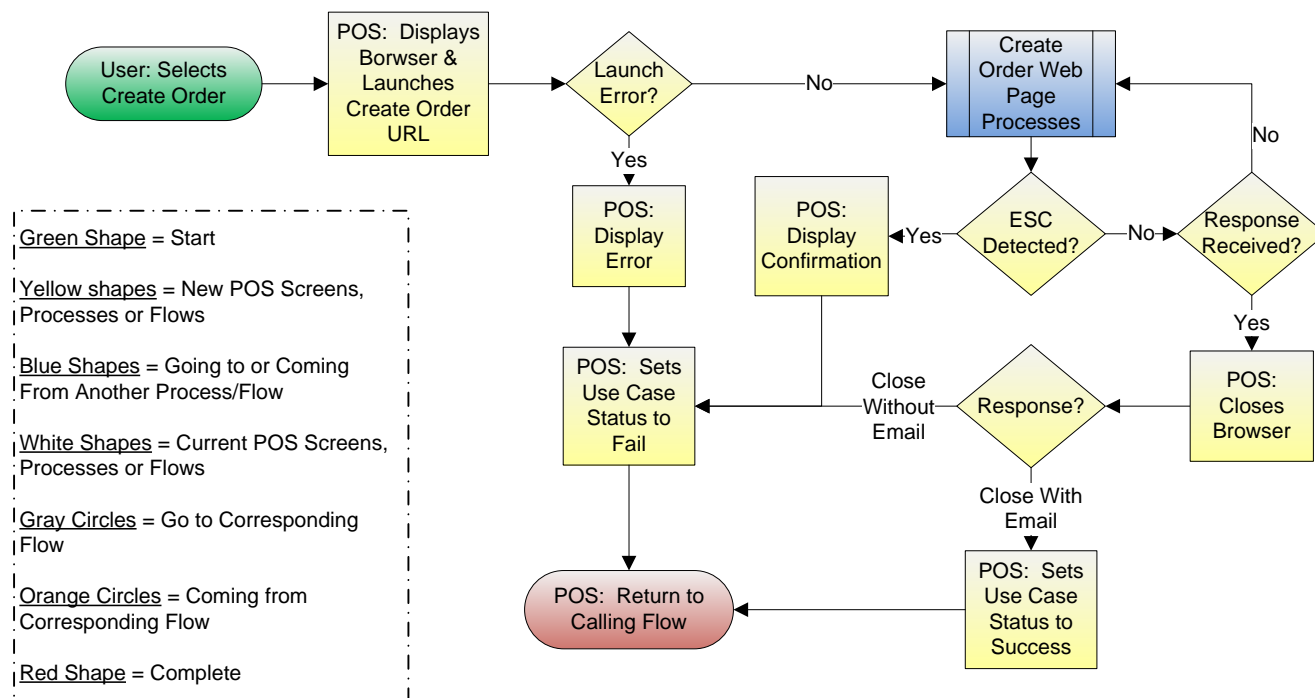


Figure 2: Create Order Process Flow

### 4.2 Preconditions

- User selected Create Order from Initiate Order Use case.

### 4.3 Main Flow

- System displays browser and launches the Create order URL (section 14) as defined in section 16.1.1 and waits for response.
- If a Launch Error received, system displays Unable to Launch Application Error Message (section 12.1.4.1), after user acknowledge error, System continues with bullet 5 below.
- If ESC key press detected, System executes the ESC from Browser Alternate Flow (section 4.4.1).
- Upon receiving response from URL, System executes Application Response Process Alternate Flow (section 4.4.2).
- System closes the browser, sets Use Case status to Fail and returns to calling flow.
- System closes the browser, sets Use Case status to Success and returns to calling flow.

### 4.4 Alternate Flow

#### 4.4.1 ESC from Browser Alternate Flow

- System prompts the ESC from Browser Confirmation Message defined in section 12.1.4.2.
- If Yes selected, System returns to Main Flow bullet 5 above.
- If No selected, system continues to wait as beginning of Main Flow above.

#### 4.4.2 Application Response Process Alternate Flow

- If response is close without an email (section 16.1.2), System returns to Main Flow bullet 5 above.
- If response is close with an email (section 16.1.2), System returns to Main Flow bullet 6 above.

## 4.5 Special Requirements

1. POS launches the browser in full screen mode.
2. POS will close the application, either due to ESC or after application close message.
3. The Web Order options are only available during sale and employee sale. It is not available during Layaway Deposit, Pre-Order Deposit transaction types. (Future transaction types will also be excluded.)

## 5. Use Case: Modify Order

### 5.1 Feature Flow

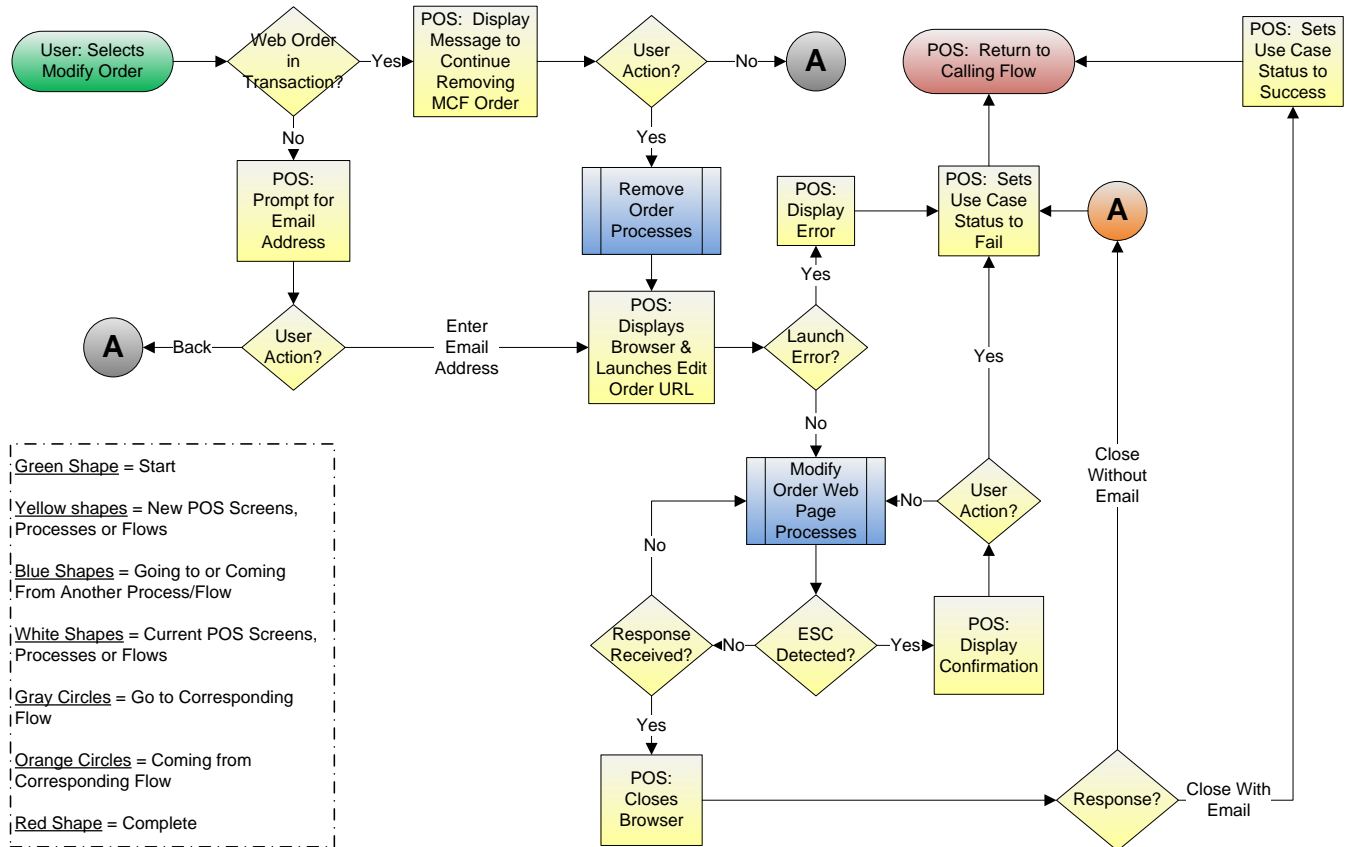


Figure 3: Modify Order Process Flow

### 5.2 Preconditions

- User selected Create Order from Initiate Order Use case.

### 5.3 Main Flow

1. System evaluates if an order is in the transaction.
2. If order in transaction, System executes Order in Transaction Alternate Flow (section 5.4.1).
3. If no order in transaction, System executes the Prompt for Email Alternate Flow (section 5.4.2)
4. System displays browser and launches the Modify order URL (section 14) as defined in section 16.1.1 and waits for response.
5. If a Launch Error received, system displays Unable to Launch Application Error Message (section 12.1.4.1), after user acknowledge error, System continues with bullet 5 above.
6. If ESC key press detected, System executes the ESC from Browser Alternate Flow (section 5.4.3).
7. Upon receiving response from URL, System executes Application Response Process Alternate Flow (section 5.4.4).

8. System closes the browser, sets Use Case status to Fail and returns to calling flow.
9. System closes the browser, sets Use Case status to Success and returns to calling flow.

## **5.4 Alternate Flow**

### **5.4.1 Order in Transaction Alternate Flow**

1. System prompts the Continue Removing Order Message defined in section 12.1.4.3.
2. If No selected, System continues with Main Flow bullet 8 above.
3. If Yes selected, System executes Remove Order Use Case (section 6) and continues with Main Flow bullet 4 above.

### **5.4.2 Prompt for Email Alternate Flow**

1. System prompts for email address (section 12.1.3).
2. If valid email entered, system continues with Main Flow bullet 4 above.
3. If invalid email entered, system displays invalid email error and returns to beginning of this alternate flow.
4. If Back selected, System continues with Main Flow bullet 8 above.

### **5.4.3 ESC from Browser Alternate Flow**

1. System prompts the ESC from Browser Confirmation Message defined in section 12.1.4.2.
2. If Yes selected, System returns to Main Flow bullet 8 above.
3. If No selected, system continues to wait as beginning of Main Flow above.

### **5.4.4 Application Response Process Alternate Flow**

1. If response is close without an email (section 16.1.2), System returns to Main Flow bullet 8 above.
2. If response is close with an email (section 16.1.2), System returns to Main Flow bullet 9 above.

## **5.5 Special Requirements**

1. POS launches the browser in full screen mode.
2. POS will close the application, either due to ESC or after application close message.
3. A Valid email contains text followed by '@', text, '.', text.
4. The Web Order options are only available during sale and employee sale. It is not available during Layaway Deposit, Pre-Order Deposit transaction types. (Future transaction types will also be excluded.)

## 6. Use Case: Remove Order

### 6.1 Feature Flow

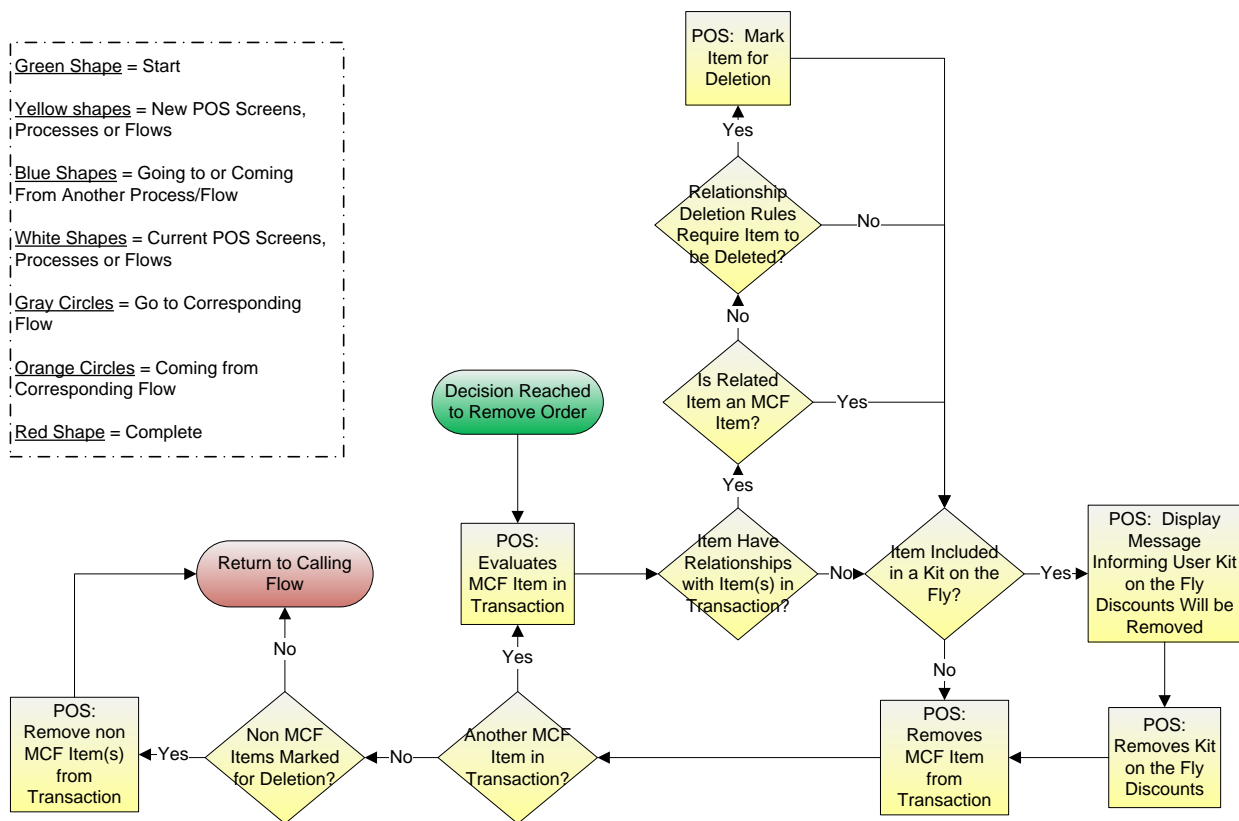


Figure 4: Remove Order Process Flow

### 6.2 Preconditions

- User selected Remove Order from Initiate Order Use case OR User selected to remove order from transaction when attempting to import or modify an order with an order in the transaction.

### 6.3 Main Flow

- System evaluates each item in the transaction.
- If there are no imported items in transaction, use case ends and the system returns to the calling use case.
- System determines if the imported item(s) contains links to other items.
- If Item(s) have links, system executes Remove Linked Item Alternate Flow (section 6.4.1).
- System determines if the item(s) are included in a kit on the fly.
- If items are included in a kit on the fly, system executes the Remove Kit on Fly Item Alternate Flow (section 6.4.2).
- Item(s) are removed from the transaction until there are no imported items in the transaction and system returns to calling use case.

### 6.4 Alternate Flow

#### 6.4.1 Remove Linked Item Alternate Flow

- System determines if linked item(s) is an imported item.
- If linked item(s) is imported, system continues with Main Flow bullet 5 above.
- System evaluates the relationship deletion rules.

4. If deletion rules indicate non-imported item(s) must be voided if the imported item(s) is voided, then system voids the non-imported item(s).
5. System continues with Main Flow bullet 5 above.

#### 6.4.2 Remove Kit on Fly Item Alternate Flow

1. System displays Removing Kit Discounts Message (section 12.1.4.4).
2. After user acknowledges message, system removes kit discounts from the item(s).
3. System continues with Main Flow bullet 7 above.

## 7. Use Case: Import Order

### 7.1 Feature Flow

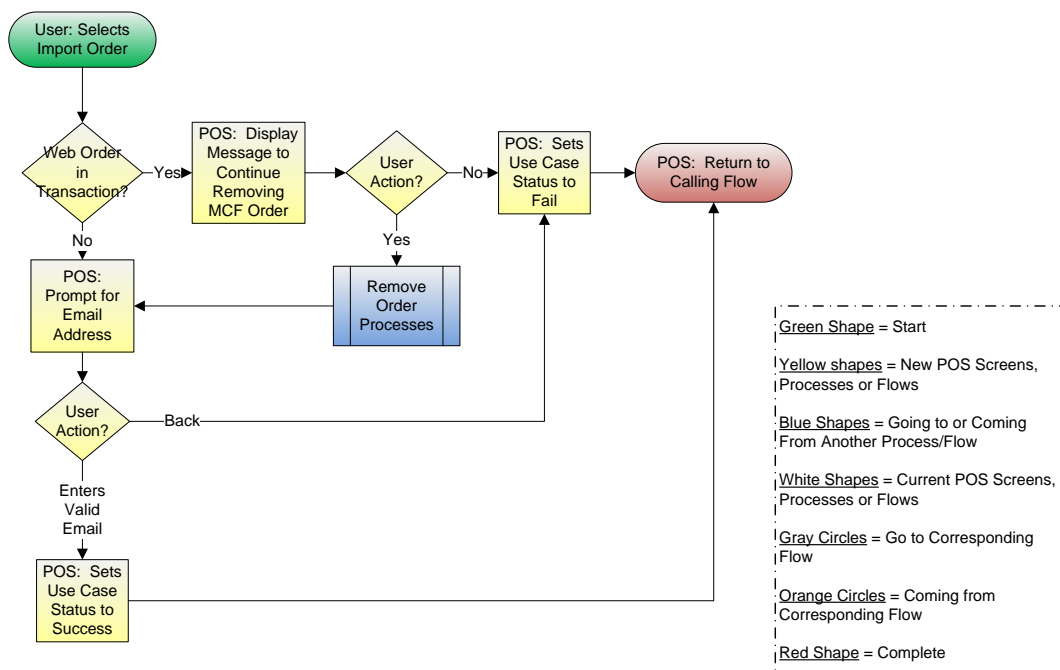


Figure 5: Import Order Process Flow

### 7.2 Preconditions

- User selects Import Order from Initiate Order Use Case.

### 7.3 Main Flow

1. System evaluates if an order is in the transaction.
2. If order in transaction, System executes Order in Transaction Alternate Flow (section 7.4.1).
3. If no order in transaction, System executes the Prompt for Email Alternate Flow (section 7.4.2)
4. System sets Use Case status to Fail and returns to calling flow.
5. System sets Use Case status to Success and returns to calling flow.

### 7.4 Alternate Flow

#### 7.4.1 Order in Transaction Alternate Flow

1. System prompts the Continue Removing Order Message defined in section 12.1.4.3.
2. If No selected, System continues with Main Flow bullet 4 above.

3. If Yes selected, System executes Remove Order Use Case (section 6) and continues with Main Flow bullet 5 above.

#### **7.4.2 Prompt for Email Alternate Flow**

1. System prompts for email address (section 12.1.3).
2. If valid email entered, system continues with Main Flow bullet 5 above.
3. If invalid email entered, system displays invalid email error and returns to beginning of this alternate flow.
4. If Back selected, System continues with Main Flow bullet 4 above.

### **7.5 Special Requirements**

1. The Web Order options are only available during sale and employee sale. It is not available during Layaway Deposit, Pre-Order Deposit transaction types. (Future transaction types will also be excluded.)

## 8. Use Case: Get Order

### 8.1 Feature Flow

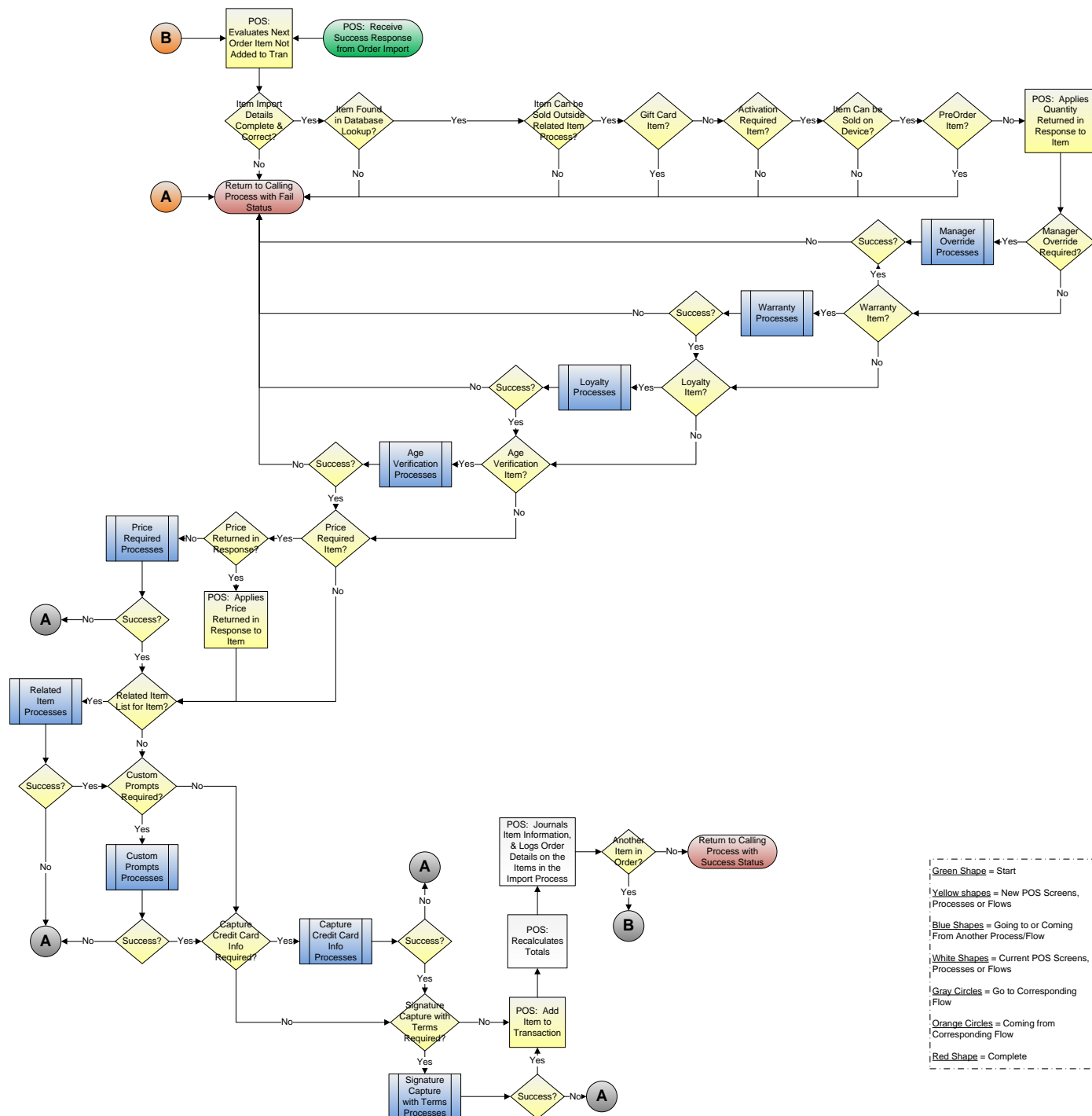


Figure 6: Process Flow

### 8.2 Preconditions

- Get Order determined during Initiate Order Use Case

### 8.3 Main Flow

1. , System sends the Get order request to the URL (section 14) as defined in section 16.2.1 and waits for response.
2. If response is not success (section 16.2.2), system executes Unsuccessful Get Order Details Response (section 8.4.1).
3. If response is success (status code = 200), system executes Modified Sale Process – MCF Alternate Flow (section 8.4.2)
4. System sets Use Case status to Fail and returns to calling flow.
5. System sets Use Case status to Success and returns to calling flow.

### 8.4 Alternate Flow

#### 8.4.1 Unsuccessful Get Order Details Response Alternate Flow

1. If a message is setup for the error code the system displays a message based upon the error code received (section 12.1.4.6); the operator acknowledges the message, and system returns to the Main Flow bullet 4 above.
2. If no message is setup for the error code or no error code is returned, the system displays a message (section 12.1.4.5); the operator acknowledges the message, and system returns to the Main Flow bullet 4 above.

#### 8.4.2 Modified Sale Process – MCF Alternate Flow

1. The system calls SNT Item Lookup Service to retrieve the item data.
2. The system receives a response.
3. The Check if Import Process Continues Alternate Flow (section 8.4.3) is executed.
4. The system applies the quantity for the item from the response to the line item. **NOTE:** if quantity is greater than 1, items are added as multiple items with quantity 1.
5. If the item requires manager override when the item is sold, the Manager Override use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
6. If the item is a Warranty item, the Warranty use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
7. If the item is a Loyalty Usage item, the Loyalty Usage use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
8. If the item requires a minimum age for purchase, the Age Verification use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
9. If the item is a price required item, the Price Required use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
10. If the item is a customer required item, the Customer use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
11. If the item requires selection list relationships (subscription items), the Related Item – Selection List use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
12. If the item requires custom prompts, the Custom Prompts use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
13. If the item requires capturing of credit card information, the Capture Credit Card use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
14. If the item is a subscription item and it requires a signature, the Signature with Terms use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.



15. If the item requires a signature, the Signature with Term use case is executed. **NOTE:** If use case is not successfully completed, system executes Remove Order Use Case (section 6) and returns to Main Flow bullet 4 above.
16. The system adds the item to the transaction with order item indicator
17. The system journals the item information (description, quantity, price, discount information, final price, and tax status).
18. The system journals and logs the order details on the item.
19. The system updates the transaction totals.
20. The system determines if any items need to be added due to the Related Item (Selection List) use case processing.
21. If related items exists, the system executes the Sale Use Case (non-modified) for each related item.
22. If additional items remain from the import process, the system restarts the Modified Sale Process – MCF Alternate Flow.
23. The alternate flow ends and the system returns to the Main Flow bullet 5 above.

#### 8.4.3 Check if Import Process Continues Alternate Flow

1. If the import response is not valid, the system displays a message that the import process failed (section 12.1.4.7); the operator acknowledges the message and the use case ends and the system returns to the Sale use case.
2. If any item in the import details is unable to be added to the imported (section 8.5), the system displays a message that the import process failed (section 12.1.4.8); the operator acknowledges the message, system executes the Remove Order Use Case (section 6), the use case ends and the system returns to the Sale use case.
3. The alternate flow ends and the system returns to Modified Sale Process – MCF Alternate Flow (section 8.4.2) bullet 4 above.

### 8.5 Special Requirements

1. The entire order is not imported if there is at least one item in the import order response that cannot be added for one of the following reasons:
  - a. Import details on the item are not complete
  - b. Item not found in store database
  - c. Item is either of type gift card or activation
  - d. Item is a return instead of sale item
  - e. Item is a Pre-Order item (ATTR\_ID = 64)
  - f. Item does not have a Quantity associated with it or the quantity is zero
  - g. Value for Document Type, Fulfillment Method or Max Line Status are incorrect
2. If an item is marked as unsellable, POS will allow it to be imported into the transaction.
3. If the UnitPrice is populated on the line item in the Get Order Response, then the system uses this as the price of the item; else POS will extract the price from the store database per existing functionality.
  - a. A price of '\$0.00' is a valid price for an item.
  - b. If an item is setup to be Price Required and there is no Order/OrderLines/OrderLine @UnitPrice on the item in the import details, POS prompts for price per existing functionality. If the item does have a UnitPrice in the import details, POS will not prompt for price.
4. An item within the order can be linked to another item within the order details. If the DependentOnLineKey is populated in the Get Order Response, that line item will be linked to the PrimeLineNo in the DependentOnLineKey. (**Note:** This replaces the process to look up Related Items-Mandatory relationships.)
5. The following Sale processes are not executed on the items within the get order details
  - a. Quantity Required
  - b. Serial Number Capture
  - c. Customer Required

- d. Related Items – Mandatory relationship (EHF, tier 2/3, etc)
6. The customer is stored at the header level in the get order details response (PersonInfoBillTo) for any customer capture process that happens within the transaction. For example, the operator imports an order with Customer John Smith as the header level customer. After the import, the operator sells a Warranty and that requires a Customer – John Smith would be displayed on the available customers to choose from in addition to search or create customer options. **NOTE:** System does not prompt for customer, but uses one from response.
7. If customer captured in POS prior to importing the order, the customer in the basket does not update the transaction level customer.
8. Modify Item disables the Line Item Delete and Raincheck function for the items added through the MCF Web Order Import Process.
9. Raincheck issue is not available on order items.
10. Price Override and Item Discount options are allowed for imported order items.
11. Imported Warranty items have the start date equal to the transaction date.
12. Imported Order items are eligible for kit on the fly discounts.
13. If SKU to import includes a leading 0, system will remove 0 before looking up item.

## 9. Use Case: Modified MCF Total

### 9.1 Feature Flow

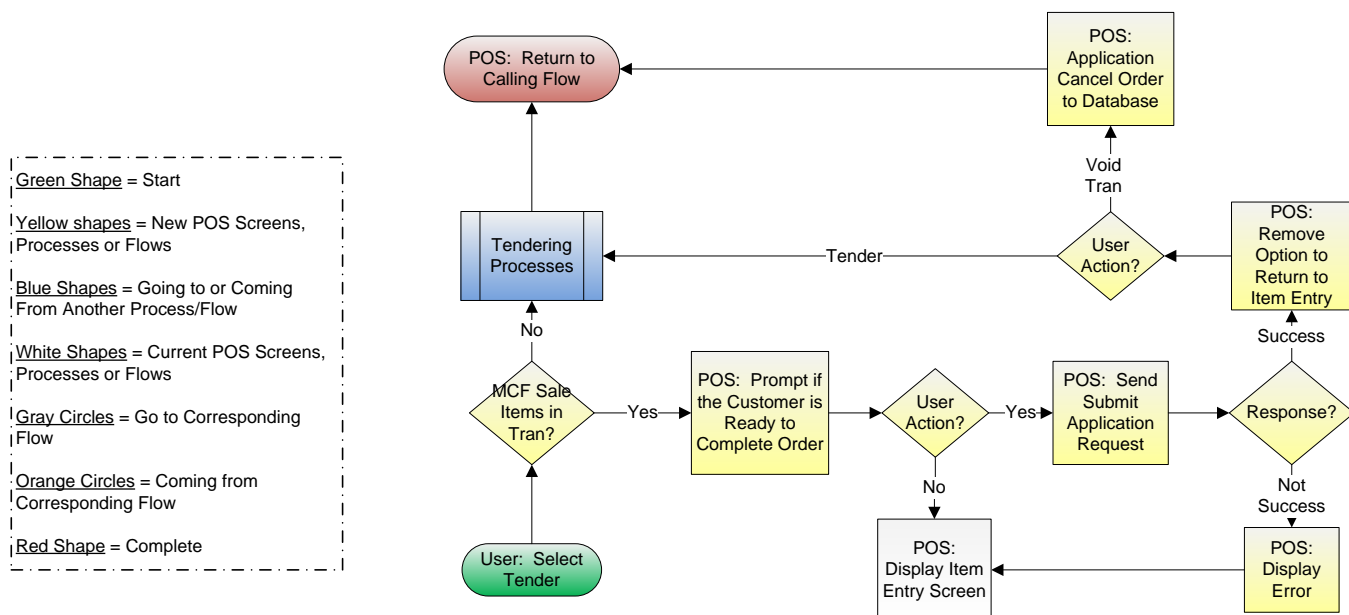


Figure 7: Modified MCF Total Process Flow

### 9.2 Preconditions

- User has selected Total.

### 9.3 Main Flow

- System evaluates the transaction for web orders.
- If no web orders are in the transaction, system completes Tendering Use Case.
- If web orders are in the transaction, system displays Continue Submit Order Item Message (section 12.1.4.9).
- If user selects No, use case ends and system returns to Sales Use Case.
- System sends a submit order request the MCF Submit Order Web Service (section 16.3.1).

6. If response contains any value not Success, System executes the Unable to Submit Order Alternate Flow (section 9.4.10).
7. If response is success, System completes the Tendering Use Case. **NOTE:** The ability to return to the Sale use case is not available on the tender screen.

## 9.4 Alternate Flow

### 9.4.1 Unable to Submit Order Alternate Flow

1. If a message is setup for the error code the system displays a message based upon the error code received (section 12.1.4.11); the operator acknowledges the message, and system returns to the Sale Use Case.
2. If no message is setup for the error code or no error code is returned, the system displays a message (section 12.1.4.10); the operator acknowledges the message, and system returns to the Sale Use Case.

## 9.5 Special Requirements

1. When the transaction is totaled, the system sends all imported items to tax service with the postal code from the response.
2. All items imported from MCF are sent to Tax Calculation Web Service with the customer ship to address to adjust the tax.
3. All items imported are eligible per existing rules for value package pricing.
4. There is no change to applying any tender to a transaction that contains imported MCF sale item or MCF cancel items.
5. During the MCF Submit Order process the order number to be logged is returned in the response.
6. Once an order has been submitted/committed, the user is not able to return to the Item Entry on the Tender screen.

## 10. Other feature Impacts

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### 10.1 Suspend/Resume Impacts

Imported information is stored on suspend to be available during resume.

### 10.2 Training Mode Impacts

Web Order Option is not available during training mode.

### 10.3 Transaction Void

If an order is in the transaction when transaction void is selected, system logs the order details in the database (section 14), for external application.

## 11. Assumptions

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1. External application can run with .Net 4.5.
2. MCCP returns most recent order for entered email address.

## 12. Screen Layouts

### 12.1 POS Screens

#### 12.1.1 Main Menu

Orders option is added to the Main Menu when configuration set.

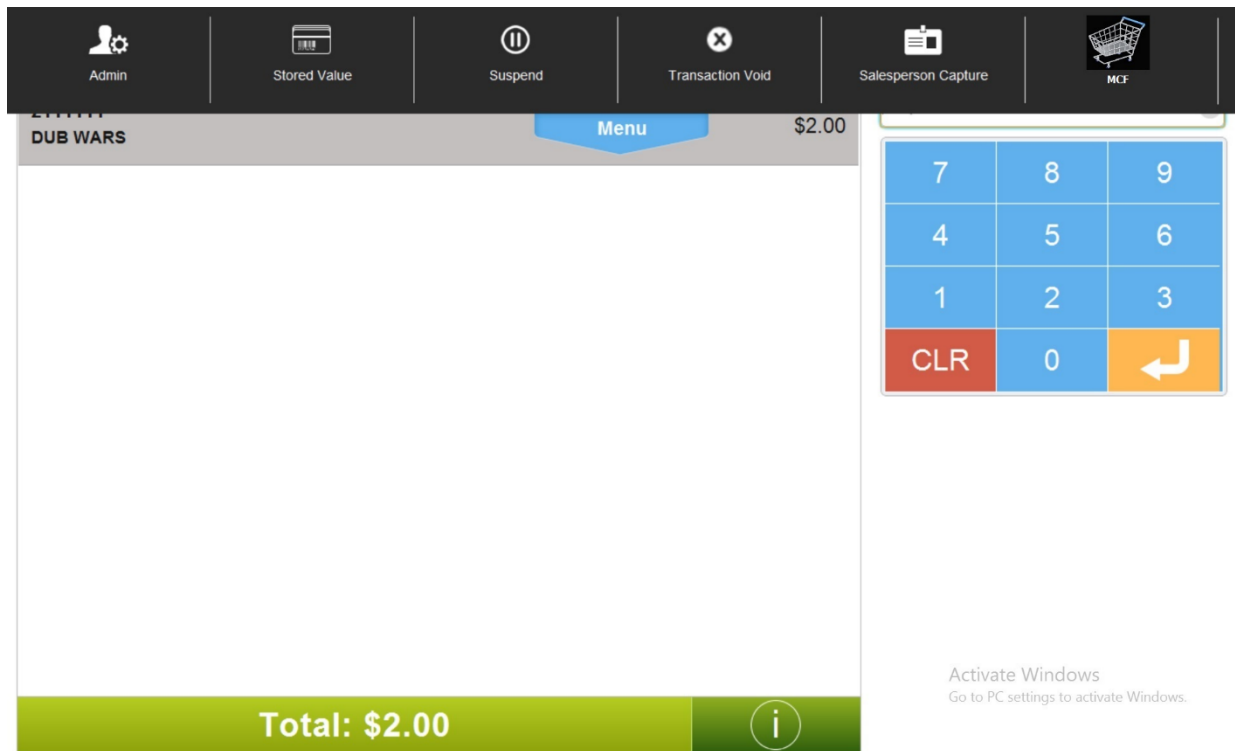


Figure 8: Main Menu

#### 12.1.1.1 Screen Definitions

##### 12.1.1.1.1 Navigation/Menu Keys

Key	Label	State	Next Screen	Notes
MCF	MCF	Enabled if configuration set, not visible if configuration not set.	<ul style="list-style-type: none"> <li>Web Order Menu (section 12.1.2)</li> </ul>	Text is configurable. Icons are mockup and not final design.

### 12.1.2 Web Order Menu

When user selects Order Menu from the Tran Mod Menu, the below screens display.

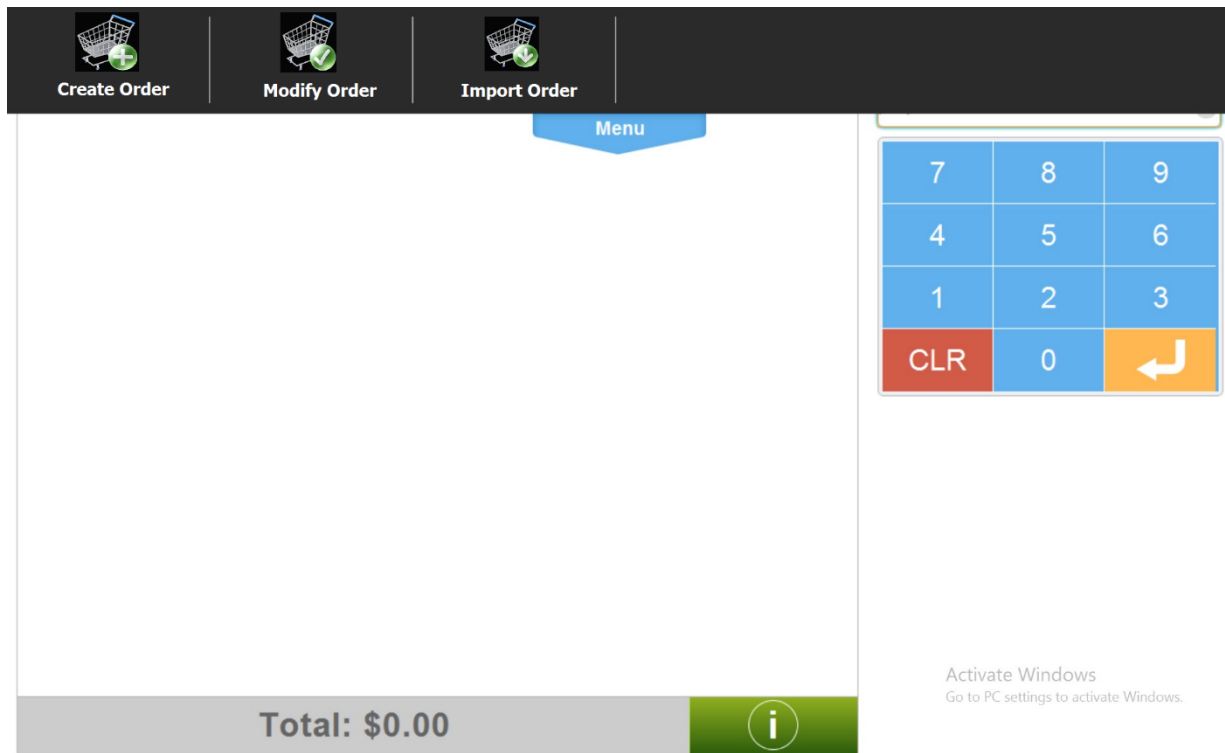


Figure 9: Without Order in Transaction

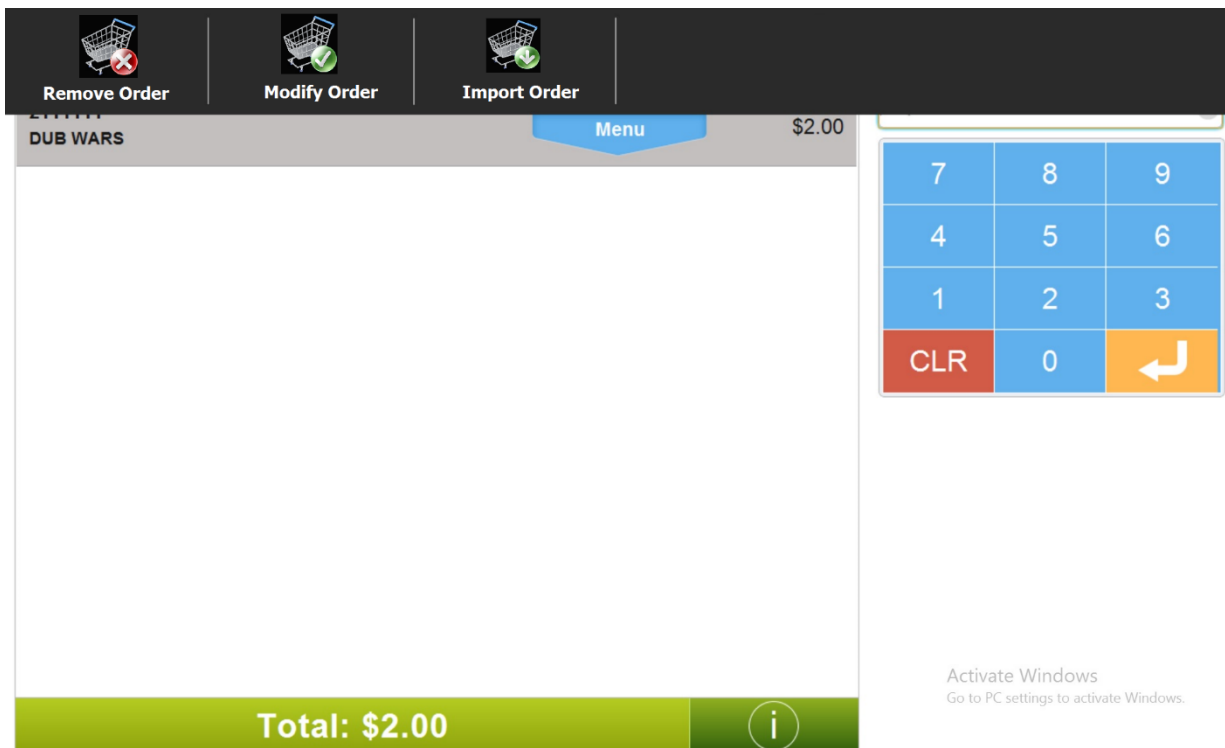


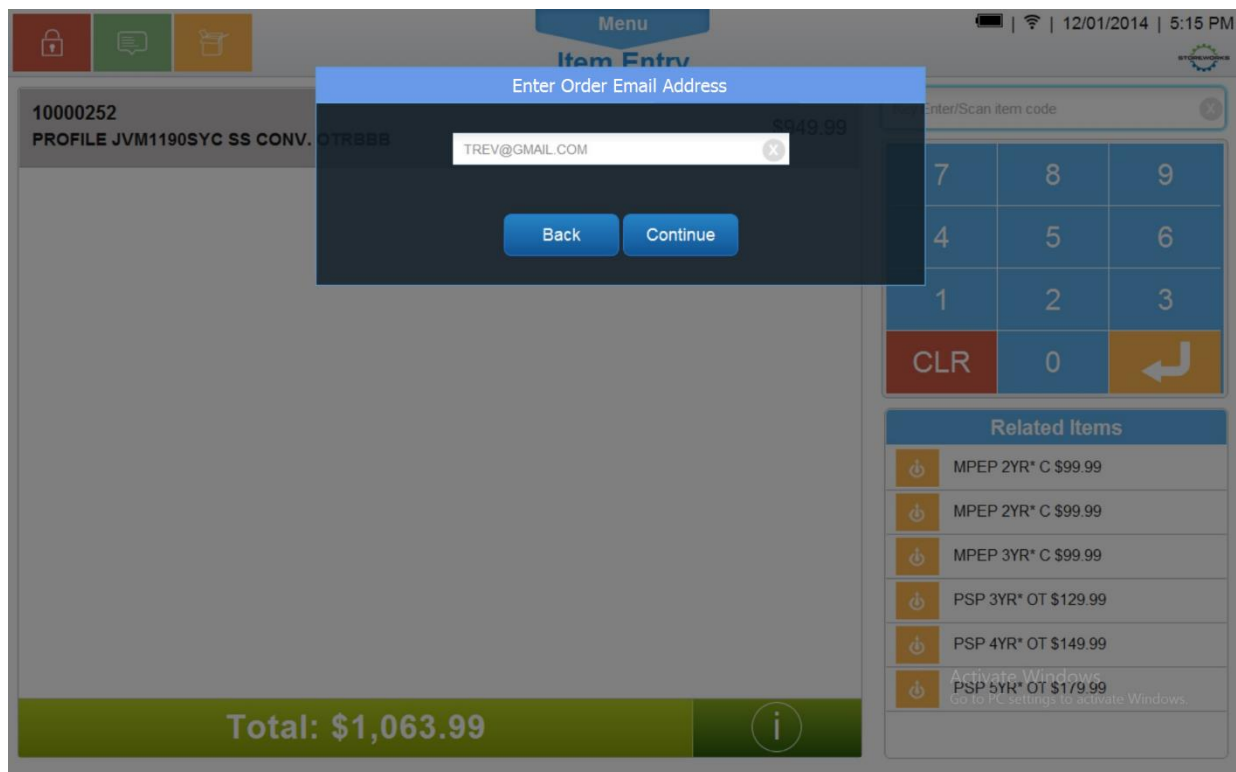
Figure 10: With Order in Transaction

**12.1.2.1 Screen Definitions****12.1.2.1.1 Navigation/Menu Keys**

Key	Label	State	Next Screen	Notes
Create Order	Create Oder	<ul style="list-style-type: none"> <li>If order in transaction, not visible.</li> <li>If no order in transaction, visible</li> </ul>	<ul style="list-style-type: none"> <li>Process as defined in section 4.</li> </ul>	Text is configurable. Icons are mockup and not final design.
Remove Order	Remove Order	<ul style="list-style-type: none"> <li>If order in transaction, visible.</li> <li>If no order in transaction, not visible</li> </ul>	<ul style="list-style-type: none"> <li>Process as defined in section 6.</li> </ul>	Text is configurable. Icons are mockup and not final design.
Modify Order	Modify Order	<ul style="list-style-type: none"> <li>Visible</li> </ul>	<ul style="list-style-type: none"> <li>Process as defined in section 5.</li> </ul>	Text is configurable. Icons are mockup and not final design.
Import Order	Import Order	<ul style="list-style-type: none"> <li>Visible</li> </ul>	<ul style="list-style-type: none"> <li>Process as defined in section 7.</li> </ul>	Text is configurable. Icons are mockup and not final design.

**12.1.3 Email Prompt**

Prompts for email after user selects to import or modify an order



**Figure 11: Email Prompt**

**12.1.3.1 Screen Definitions****12.1.3.1.1 Instruction Text**

Instruction Text – Configurable Text
Enter Order Email Address

**12.1.3.1.2 Navigation/Menu Keys**

Key	Label	State	Next Screen	Notes
Back	Back	Enabled	<ul style="list-style-type: none"> <li>Returns to Item Entry</li> </ul>	Text is configurable.
Continue	Continue	Enabled	<ul style="list-style-type: none"> <li>If during Modify Order process defined in section 5.</li> <li>If during Import Order process defined in section 7.</li> </ul>	Text is configurable.

**12.1.3.1.3 Data/Input Field Enhancements**

Name	Editable	Req'd?	Data Type	Min Length	Max Length	Notes
Email Address	Yes	Yes	Alphanumeric	5	250	Default instruction text is configurable. Must be in email format and include '@' and '.'.

**12.1.4 Dialog Messages/Message Boxes****12.1.4.1 Unable to Launch Application Error Message**

<b>Description</b>	The message is displayed when POS is unable to launch the MCF application – system error or offline.
<b>Message</b>	Unable to launch application
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message

**12.1.4.2 ESC from Browser Confirmation Message**

<b>Description</b>	The message is displayed when POS is receives an ESC key press when browser launched.
<b>Message</b>	Leave Application?
<b>Key prompt</b>	<ul style="list-style-type: none"> <li>Yes returns to Sales Use Case</li> <li>No returns focus to browser</li> </ul>
<b>Notes</b>	<ul style="list-style-type: none"> <li>Text is configurable</li> <li>Focus is on Yes Key</li> </ul>

**12.1.4.3 Continue Removing Order Message**

<b>Description</b>	Message to display when user attempts to import, modify or create an order when an order exists in the transaction.
<b>Message</b>	Continue removing order?
<b>Key prompt</b>	<ul style="list-style-type: none"> <li>Yes removes the order in the transaction</li> <li>No returns to item entry screen</li> </ul>
<b>Notes</b>	<ul style="list-style-type: none"> <li>Text is configurable</li> <li>Focus is on Yes Key</li> </ul>

**12.1.4.4 Removing Kit Discounts Message**

<b>Description</b>	Message to display when order is removed and order items have kits on the fly discounts applied.
<b>Message</b>	Kits on the fly discounts will be removed.
<b>Key prompt</b>	OK – continues with removing the order from the transaction.
<b>Notes</b>	Text is configurable

**12.1.4.5 Get Order General Error Message**

<b>Description</b>	The message is displayed when POS is receives a system error, offline to service, times out or specific error status code is not setup for its own error message. Upon acknowledging the message, POS returns to the Item Entry Screen.
<b>Message</b>	Unable to retrieve basket details.
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message

**12.1.4.6 <Get Order Error Status code> Error Message**

<b>Description</b>	The message is displayed when POS is receives a status code other than 200 on the Get Order response. If the status code contains error code, then the message is defined for the error code. The message is defined specifically for the error code. Upon acknowledging the message, POS returns to the Item Entry Screen.
<b>Message</b>	<i>Variable text for each error/status code</i>
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message

**12.1.4.7 Import Failed Error Message**

<b>Description</b>	The message is displayed when POS is unable to import order due to invalid basket data
<b>Message</b>	Import Process Failed, Transaction will be voided.
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message

**12.1.4.8 Unable to Add Item from Get Order Error Message**

<b>Description</b>	The message is displayed when POS is unable to add an item from the Get Order response or if the user stops the process of adding the item (such as age verification denied). The variable <ListOfItemsError> is the list of the items from the Get Order response that are not able to be added to the transaction. Upon acknowledging the message, POS return to the Item Entry screen without importing any of the items in the response.
<b>Message</b>	Import process failed on items <ListOfItemsError>
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message

**12.1.4.9 Continue Submit Order Item Message**

<b>Description</b>	The message is displayed when the transaction contains MCF Sale Items and the user selected the Total button.
<b>Message</b>	Are you ready to complete the sale? After clicking Yes, no further changes can be made.
<b>Key prompt</b>	<ul style="list-style-type: none"> <li>Yes to continue with the Submit Order processing</li> <li>No to return to the Item Entry screen</li> </ul>
<b>Notes</b>	<ul style="list-style-type: none"> <li>Text is configurable</li> <li>Focus is on Yes Key</li> </ul>

**12.1.4.10 Submit Order General Error Message**

<b>Description</b>	The message is displayed when POS is receives a system error, offline to service, times out or specific error status code is not setup for its own error message. Upon acknowledging the message, POS returns to the Item Entry Screen.
<b>Message</b>	Unable to submit order.
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message



**12.1.4.11 <Submit Order Error Status code> Error Message**

<b>Description</b>	The message is displayed when POS receives a status code other than 200 on the Submit Order (CreatePurchaseOrder) response. The message is defined specifically for the status code and for those status codes with error code, the message is based upon that error code. Upon acknowledging the message, POS returns to the Item Entry Screen.
<b>Message</b>	<i>Variable text for each error code</i>
<b>Key prompt</b>	Ok
<b>Notes</b>	Configurable text message

## 13. Printing

### 13.1 Receipt Changes

#### 13.1.1 Import Order Messaging

Within the Get Order details, some items may have a value populated in the DependentOnLineKey field. This represents that the item is a child/related of the line number in the DependentOnLineKey.

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.

For items returned from MCF Import Order Details, POS logs the fulfillment type, order number, service date, shipped to store line (where applicable) below each item in the order and a generic import order receipt footer messaging.

1. Order # is printed below the Transaction Key line on the receipt where MCF Sale Items exist in the transaction (Text is configurable). The Order # is from **<SUBMIT ORDER: createpurchaseorder>** orderId.
2. Order # -- (Text is configurable).
  - a. Order Number – **<SUBMIT ORDER: createpurchaseorder>** orderId
3. Est. Shipment Date –
  - a. If parameter to Print Estimated Shipment Date (Text is configurable) is disabled or not present, then POS does not print the estimated shipment date line on the receipt.
  - b. If parameter to Print Estimated Shipment Date (Text is configurable) is enabled, then POS checks the PromisedApptStartDate
    - i. If there is no Order/OrderLines/OrderLine/@PromisedApptStartDate information returned, then POS does not print the estimated shipment date line on the receipt.
    - ii. If Order/OrderLines/OrderLine/@PromisedApptStartDate is not empty, POS prints “Est. Shipment Date: MM/DD/YYYY”, where the timeslot is taken from Order/OrderLines/OrderLine/@PromisedApptStartDate and @PromisedApptEndDate. (Text is configurable). The system will only print the date, the timeframe is not printed.
4. Shipped to
  - a. If the ShipNode is populated and the value starts with BBY\_, the system looks up the stores city and prints the line on the receipt with the information (Text is configurable)
    - i. If the stores information is not available, the system prints the message with just the store number and the store name is not printed.
  - b. If the ShipNode does not contain a value, then POS prints a generic message on the receipt to say the product is shipped to the customers home (Text is configurable)
5. Import Order Receipt Footer Messaging

The system prints the Import Order Receipt Footer Messaging (Text is configurable) as the first of the footer messages. If this data is greater than the available room on the receipt line, it is truncated.

Welcome to the POS  
Corporate Office  
(999) 999-9999  
POS LAB TESTING

BAR CODE

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	
	Online Order # 14305002	
Estimated Shipment Date: 9/10/2011		
Shipped to Customers home		
1099011	SHIPPING	0.00
	SHIPPING	
	SUBTOTAL	29.50
	12% TAX	3.54
	<b>TOTAL</b>	<b>33.04</b>
	CASH	33.04

\*\*\*\*\*  
Configurable IMPORT ORDER RECEIPT from DB  
\*\*\*\*\*  
\*\*\*\*\*  
Configurable RECEIPT FOOTER from DB  
\*\*\*\*\*

Figure 12: Estimated Shipment Date

Welcome to the POS  
Corporate Office  
(999) 999-9999  
POS LAB TESTING

BAR CODE

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	
	Online Order # 14305002	
Shipped to Customers home		
1099011	SHIPPING	0.00
	SHIPPING	
	SUBTOTAL	29.50
	12% TAX	3.54
	<b>TOTAL</b>	<b>33.04</b>
	CASH	33.04

\*\*\*\*\*  
Configurable IMPORT ORDER RECEIPT from DB  
\*\*\*\*\*  
\*\*\*\*\*  
Configurable RECEIPT FOOTER from DB  
\*\*\*\*\*

Figure 13: Do Not Print Shipment Date or Date Not Present in Response

Welcome to the POS  
Corporate Office  
(999) 999-9999  
POS LAB TESTING

**BAR CODE**

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  
Online Order # 14305002  
Estimated Shipment Date: 9/10/2011  
Shipped to store #923 Vancouver

SUBTOTAL 29.50  
12% TAX 3.54

---

TOTAL 33.04

CASH 33.04

\*\*\*\*\*  
Configurable IMPORT ORDER RECEIPT from DB  
\*\*\*\*\*  
\*\*\*\*\*  
Configurable RECEIPT FOOTER from DB

Figure 14: Shipped to Store

Welcome to the POS  
Corporate Office  
(999) 999-9999  
POS LAB TESTING

**BAR CODE**

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  
Online Order # 14305002  
Estimated Shipment Date: 9/10/2011  
Shipped to store #923

SUBTOTAL 29.50  
12% TAX 3.54

---

TOTAL 33.04

CASH 33.04

\*\*\*\*\*  
Configurable IMPORT ORDER RECEIPT from DB  
\*\*\*\*\*  
\*\*\*\*\*  
Configurable RECEIPT FOOTER from DB

Figure 15: Shipped to Store – Store Information Not Available

### 13.1.2 Receipt Definitions

#### 13.1.2.1 Database Settings

##### 13.1.2.1.1 Configuration

	Name	Notes
1.	MCF Display Shipment Date on Receipt	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.PARAMETER.PARM_GROUP = 239</li> <li>• POSDB001.PARAMETER.PARM_NAME = MCF_PRINT_SHIP_DT</li> <li>• POSDB001.PARAMETER.PARM_TEXT values are 0 or 1 (0-do not print and 1-print)</li> </ul>
2.	MCF Web Order Number Below Validation Number	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_ORDER_NBR_VAL</li> <li>• POSDB001.MESSAGES.Message = Text to Print - ~MCFOrderNbr~ is used as a variable in the text to denote the Order Number</li> </ul>
3.	MCF Order Number Below Item	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_ORDER_NBR_ITEM</li> <li>• POSDB001.MESSAGES.Message = Text to Print - ~MCFOrderNbr~ is used as a variable in the text to denote the Order number</li> </ul>

	Name	Notes
4.	MCF Shipment Date	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_SHIPMENT_DATE</li> <li>• POSDB001.MESSAGES.Message = Text to Print ~MCFShipDate~ is used as the variable in the text to denote the estimated shipment date</li> </ul>
5.	MCF Ship to Store	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_SHIP_STORE</li> <li>• POSDB001.MESSAGES.Message = Text to Print ~MCFShipStoreNumber~ and ~MCFShipStoreName~ are used as the variables in the text to denote the city and province for the Ship to Store location. If the store name is not available, only the store number is printed.</li> </ul>
6.	MCF Ship to Store Unable to find Store Information	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_SHIP_STORE_NO_INFO</li> <li>• POSDB001.MESSAGES.Message = Text to Print</li> </ul>
7.	MCF Ship to Customers Home	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_SHIP_CUST_HOME</li> <li>• POSDB001.MESSAGES.Message = Text to Print</li> </ul>
8.	MCF Import Order Receipt Messaging when MCF Sale Items in the transaction	Defined for ePOS in <ul style="list-style-type: none"> <li>• POSDB001.MESSAGES.MessageGroup = Receipt</li> <li>• POSDB001.MESSAGES.MessageID = MCF_IMPORT_ORDER_MSG</li> <li>• POSDB001.MESSAGES.Message = Text to Print</li> </ul>

### 13.1.3 Total Quantity Line

Items imported from MCF are not included in the count of items sold for the Total Quantity Line on the printed receipt. See also R53 – Canada – Miscellaneous tech spec for more details.

### 13.1.4 Receipt Reprinting Changes

The order details will not be printed on the Reprint of a Gift Receipt, but will be printed on regular reprint receipt.

### 13.1.5 Gift Receipt Changes

The Order details will not be printed on the Gift Receipt.

## 14. Configurable Settings

Parameter Mnemonic	Description	Valid Values
MCF Order Enable Flag	Configuration setting to allow MCF Order processes by store, register, IBH and/or client group	1 – enabled 0 or not defined – disabled
Modify Order URL	URL to launch when user selects Modify Order	URL
Create Order URL	URL to launch when user selects Create Order	URL
Get Order URL	URL used to get order from import selection or successfully completing modify or create order.	URL
Close Order URL	The URL that system recognizes as the close application trigger	URL
Cancel Order Table	In ePOS this data is written to the POSDB001.MESSAGE_TO_QUEUE	Database table that ports data to ePOS table for external applications to capture data.

## 15. Logging Changes

### 15.1 Electronic Journal Logging Changes

#### 15.1.1 Import MCF Web Order Line Items in Sale

EJ Data Element	POSLog Data Element	Source
MCFEmailAddress	N/A	<CompleteBasketProcess>?email=<email>
Basket Id	N/A	<Get Order> Order@OrderNo
TimeStamp	N/A	<Get Order> Order@SearchCriteria1
MessageBox:<Message ID> <Message Text>	N/A	When received an error message back from the MCF Get Order response or MCF Submit Order response, POS will write the message ID and the message text that is displayed.
ORDER SOURCE SYSTEM:	Sale/ThirdPartyOrder/OrderSourceSystem	If <Get Order> Order/OrderLine@FulfillmentMethod = SHIP, then MCCP-BB or MCCP-FS based upon the Brand for the current store. If Brand = 10, then value is MCCP-BB. If Brand=11, then value is MCCP-FS.
THIRD PARTY CUSTOM DATA: OFFLINE:	Sale/ThirdPartyOrder @Offline	On web basket sale items that were imported, the value is '0' in the EJ and 'false' in the POSLog.
THIRD PARTY CUSTOM DATA: PRIME LINE NO:	Sale/ThirdPartyOrder /ThirdPartyCustomData @PrimeLineNo	<Get Order> Order/OrderLine @PrimeLineNo
THIRD PARTY CUSTOM DATA: DEPENDENT ONLINE KEY:	Sale/ThirdPartyOrder /ThirdPartyCustomData @ DependentOnLineKey	Populated with the value in <Get Order> Order/OrderLine @ DependentOnLineKey, if not the ThirdPartyCustomData @DependentOnLineKey is not present in the POSLog
S ORDER #	Sale/ThirdPartyOrder/OrderNumber  Sale @OMSFulfillmentType	Order # -- <SUBMIT ORDER createpurchaseorder> orderId  S – where <MCF Get Order> Order/OrderLine @FulfillmentMethod = SHIP
OMS FULFILLMENT TYPE: SHIP	Sale/ThirdPartyOrder/ThirdPartyCustomData @FullFulfillmentType	<Get Order> Order/OrderLine@FulfillmentMethod = SHIP
DELIVERY FLAG: SHIP	Sale/ThirdPartyOrder/ThirdPartyCustomData @FullFulfillmentType	<Get Order> Order/OrderLine@FulfillmentMethod = SHIP
DELAYED DELIVERY INDICATOR: S	Sale @OMSFulfillmentType	If <Get Order> Order/OrderLine@FulfillmentMethod = SHIP, then value is 'S'
FULFILLING LOCATION	Sale/ThirdPartyOrder/ThirdPartyCustomData/ FulfillmentLocationIdentifier	<GET ORDER> Order/OrderLines/OrderLine/@ShipNode, stripping the BBY_ from the data in the field
LIL	Sale/<LinItemLink>	If <Get Order> Order/OrderLines/OrderLine @DependentOnLineKey and Order/OrderLines/Item @ProductClass are populated, then the LIL lines are logged on Parent Item (the PrimeLineNo that matches the DependentOnLineKey).
RPM	Sale/<RetailPriceModifier>	If the item in the Get Order details contains a value in UnitPrice, POS writes a RetailPriceModifier (RPM in EJ) node with the relevant data for Price Required item.

```

Raw data from ICE >> ICE Application Activated
MCFEmailAddress: a@address.com
001 2312345      ITEM A      $29.50
      TAX GST      RATE: 0.050 AMT: $1.475
      TAX AUTHORITY: 6
      TAX JURISDICTION: 8
      PIM CODE: 850000000
      CUSTOM DB DATA: Price Reason Code: N

Basket ID 1234567890
TimeStamp
ORDER SOURCE SYSTEM: MCCP-FS
THIRD PARTY CUSTOM DATA: OFFLINE: 0
THIRD PARTY CUSTOM DATA: PRIME LINE NO: 1
THIRD PARTY CUSTOM DATA: DEPENDENT ONLINE KEY:
OMS FULFILLMENT TYPE: SHIP
DELIVERY FLAG: SHIP
DELAYED DELIVERY INDICATOR: S
FULFILLING LOCATION: 934
>>>Checking package pricing<<<
>>>Back from checking package pricing<<<
001 2312345      ITEM A      $29.50
TAX ADMINISTRATIVE LOCATION: Tax Area ID: 700010100 Tax Area State: AB
TAX FULFILLMENT LOCATION: Tax Area ID: 700032450 Tax Area State: BC
TAX SHIPTO LOCATION: Tax Area ID: 700032450 Tax Area State: BC
RPIM FLAG: False
      TAX HST      RATE: 0.120 AMT: $3.54
      TAX AUTHORITY: 201
      TAX JURISDICTION: 43604
001 2312345      ITEM A      $29.50
S ORDER # 14305002
      SUBTOTAL      $29.50
      TAX 12%      $3.54
      TOTAL      $33.04

      CDN CASH      $33.04

```

#### 15.1.1.1 Line Item Link (LIL) Logging

If the OrderLine@DependentOnLineKey and the Item@ProductClass are populated on the child item that needs to be linked to another item in the Order Details. Per existing functionality the parent item has the LineItemLink logged in the POSLog. The ItemLinkReason to log for the parent is extracted from the child Item@ProductClass. The ItemLink is the POS Line Number of the Child item – NOTE: This line number is not the PrimeLineNo returned in Order details but the POS line number.

The below example is where items 10001234 (PrimeLineNo=1) and 10005678 (PrimeLineNo=2) are part of the Get Order details. Item 10005678 has DependentOnLineKey=1 and ProductClass=ShippingFee.

```

004 10001234      ITEM A      $29.50
      TAX GST      RATE: 0.050 AMT: $1.475
      TAX AUTHORITY: 6
      TAX JURISDICTION: 8
      PIM CODE: 850000000
      CUSTOM DB DATA: Price Reason Code: N

Basket ID 1234567890
TimeStamp
ORDER SOURCE SYSTEM: MCCP-FS
THIRD PARTY CUSTOM DATA: OFFLINE: 0
THIRD PARTY CUSTOM DATA: PRIME LINE NO: 1
OMS FULFILLMENT TYPE: SHIP
DELIVERY FLAG: SHIP
DELAYED DELIVERY INDICATOR: S
FULFILLING LOCATION: 934
      PSPPRP START DATE : 20140108
      PSPPRP TERMS : 24
      *****START LINE ITEM LINK *****
003 10107280      PSP 2YR* CAR AUDIO $400-799.99
      LIL ITEM LINK REASON : CoveredItem
      LIL ITEM ID : 10072375
      LIL ITEM LINK : 1
      LIL ITEM AMOUNT :
      *****END LINE ITEM LINK *****
      *****START LINE ITEM LINK *****
001 10072375      CLARION - DXZ365MP
      LIL ITEM LINK REASON : PSP
      LIL ITEM ID : 10107280
      LIL ITEM LINK : 3
      LIL ITEM AMOUNT :
      *****END LINE ITEM LINK *****
      PSPPRP START DATE : 20140108
      PSPPRP TERMS : 24
      *****START LINE ITEM LINK *****
003 10107280      PSP 2YR* CAR AUDIO $400-799.99
      LIL ITEM LINK REASON : CoveredItem
      LIL ITEM ID : 10072376
      LIL ITEM LINK : 2
      LIL ITEM AMOUNT :
      *****END LINE ITEM LINK *****
      *****START LINE ITEM LINK *****
002 10072376      CLARION - DXZ465MP
      LIL ITEM LINK REASON : PSP
      LIL ITEM ID : 10107280
      LIL ITEM LINK : 3
      LIL ITEM AMOUNT :
      *****END LINE ITEM LINK *****

```

### 15.1.1.2 Retail Price Modifier (RPM) Logging

If the Order/OrderLines/OrderLine/LinePriceInfo @UnitPrice is populated, POS logs the price as if it was price required item.

Below is an example where item 1005678 is part of the Get Order details. This item contains a UnitPrice value of \$10. The price in the store database is \$50.

```

006 10005678      ITEM A      $10.00
      TAX GST      RATE: 0.050 AMT: $.5
      TAX AUTHORITY: 6
      TAX JURISDICTION: 8
      PIM CODE: 850000000
      CUSTOM DB DATA: Price Reason Code: N

```

Basket ID 1234567890

TimeStamp

ORDER SOURCE SYSTEM: MCCP-FS

THIRD PARTY CUSTOM DATA: OFFLINE: 0

THIRD PARTY CUSTOM DATA: PRIME LINE NO: 2

THIRD PARTY CUSTOM DATA: DEPENDENT ONLINE KEY: 1

OMS FULFILLMENT TYPE: SHIP

DELIVERY FLAG: SHIP

DELAYED DELIVERY INDICATOR: S

FULFILLING LOCATION: 934

\*\*\*\*\*START RPM\*\*\*\*\*

RPM METHOD CODE: PriceOverride

RPM DISCOUNT GROUP: 0

RPM SEQUENCE NUM: 1

RPM AMOUNT@ACTION: Subtract

RPM AMOUNT: 40

RPM PREVIOUS PRICE: 50

RPM NEW PRICE: 10

RPM REASON CODE: 102

\*\*\*\*\*END RPM\*\*\*\*\*

### 15.1.1.3 Error Message

When POS received an error message back from the MCF Get Order or MCF Submit Order call, POS will write the message ID and the message text that is displayed in the EJ.

```

...
MessageBox: MCF_SUBMIT_ERR_4222: Basket has been modified
...

```

## 15.2 POSLog Changes

### 15.2.1 MCF Order Lines – Import for Sale and Cancel

#### 15.2.1.1 Schema Changes

\*POSLog Schema v1.71

New enumerated element is added to ThirdPartyOrder:

```

<xs:complexType name="ThirdPartyOrderData">
...
  <xs:element name="OrderSourceSystem" type="OrderSourceSystemType" minOccurs="0" maxOccurs="1" >
    <xs:annotation>
      <xs:documentation>The name of the ordering system. Used in combination with the Order Number to
uniquely identify the Order.
      </xs:documentation>
    </xs:annotation>
  </xs:element>
...
</xs:complexType>

```

Order Source System enumerated list of values:

```

<xs:simpleType name="OrderSourceSystemType">
  <xs:union memberTypes="OrderSourceSystemTypeEnumeration OrderSourceSystemTypeExtension"/>
</xs:simpleType>

<xs:simpleType name="OrderSourceSystemTypeExtension">
  <xs:restriction base="POSLogEnumerationExtension"/>

```



```

</xs:simpleType>

<xs:simpleType name="OrderSourceSystemTypeEnumeration">
  <xs:annotation>
    <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:restriction>
</xs:simpleType>

```

### 15.2.1.2 Implementation - Sale

Data Element	Source
Sale @OMSFulfillmentType	S = <Get Order> Order/OrderLine@FulfillmentMethod = SHIP
Sale@deliverable	POS Item Attribute
Sale/ThirdPartyOrder @Offline	There is no offline process defined for the import process, so the value is always 'false'
Sale/ThirdPartyOrder/OrderNumber	<SUBMIT ORDER: createpurchaseorder> orderId
Sale/ThirdPartyOrder/GeoCode	<Get Order> Order/OrderLine/PersonShipTo ZipCode
Sale/ThirdPartyOrder/OrderSourceSystem	If <Get Order> Order/OrderLine@FulfillmentMethod = SHIP , then MCCP-BB or MCCP-FS based upon the Brand for the current store. If Brand = 10, then value is MCCP=BB. If Brand=11, then value is MCCP-FS.
Sale/ThirdPartyOrder/CustomData @PrimeLineNo	<Get Order> Order/OrderLine @PrimeLineNo
Sale/ThirdPartyOrder/CustomData @DependentOnLineKey	Populated with the value in <Get Order> Order/OrderLines/OrderLine @DependentOnLineKey, if not the ThirdPartyCustomData @DependentOnLineKey is not present in the POSLog
Sale/ThirdPartyOrder/CustomData @FullFulfillmentType	<Get Order> Order/OrderLine@FulfillmentMethod = SHIP
Sale/ThirdPartyOrder/ FulfillmentLocationIdentifier	<GET ORDER> Order/OrderLines/OrderLine/@ShipNode, stripping the BBY_ from the data in the field
Sale/ <Customer Details> with Role=ShipTo	<Get Order> Order/OrderLines/OrderLine/PersonShipTo *
Sale/<LineItemLink>	If <Get Order> Order/OrderLines/OrderLine @DependentOnLineKey and Order/OrderLines/Item @ProductClass are populated, then the LineItemLink node is logged on Parent Item (the PrimeLineNo that matches the DependentOnLineKey).
Sale/<RetailPriceModifier> and ExtendedAmount, ActualSalesUnitPrice	If <Get Order> Order/OrderLines/OrderLine/LinePriceInfo @UnitPrice is populated, POS writes the RetailPriceModifier node in the POSLog as if it was price required item and logs the ExtendedAmount and ActualSalesUnitPrice per existing functionality.

```

<Sale OMSFulfillmentType="S">
  <ItemTypeAttributes>
    <ItemType></ItemType>
  </ItemTypeAttributes>
  <ItemID>10001234</ItemID>
  ...
  <ThirdPartyOrder Offline="false">

```

```

        <OrderNumber>5328920</OrderNumber>
        <GeoCode>V6V2S1</GeoCode>
        <OrderSourceSystem>MCCP-FS</OrderSourceSystem>
        <ThirdPartyCustomData Name="PrimeLineNo">1<ThirdPartyCustomData>
        <ThirdPartyCustomData Name="DependentOnLineKey">2</ThirdPartyCustomData>
        <ThirdPartyCustomData Name="FullFillmentType">SHIP<ThirdPartyCustomData>
        <FulfillmentLocationIdentifier>934</FulfillmentLocationIdentifier>
    </ThirdPartyOrder>
...
    <RetailPriceModifier />      <!--Populate if UnitPrice is present in the Order Details, similar to Price Required -->
...
    <LinItemLink />              <!--Populate for the parent when DependentOnLineKey and ProductClass is present in Order
Details -->
...
    <Customer>                  <!--Standard Customer data extracted from WFMS response in PersonInfoShipTo-->
...
        <Role>ShipTo</Role>
...
    </Customer>
    <ThirdPartyApplIdentifier>###</ThirdPartyApplIdentifier>
    <TaxParameter>
        <AdministrativeLocation> <!--Store TaxAreaID and TaxAreaState -->
...
        </AdministrativeLocation>
        <FulfillingLocation>      <!-- Customer TaxAreaID and TaxAreaState -->
...
        </FulfillingLocation>
        <ShipToLocation>          <!--Customer TaxAreaID and TaxAreaState -->
...
        </ShipToLocation>
    </TaxParameter>
...
</Sale>

```

#### 15.2.1.2.1 Line Item Link Logging

If the OrderLine@DependentOnLineKey and the Item@ProductClass are populated on the child item that needs to be linked to another item in the Order Details. Per existing functionality the parent item has the LinItemLink logged in the POSLog. The ItemLinkReason to log for the parent is extracted from the child Item@ProductClass. The ItemLink is the POS Line Number of the Child item – NOTE: This line number is not the PrimeLineNo returned in Order details but the POS line number.

The below example is where items 10001234 (PrimeLineNo=1) and 10005678 (PrimeLineNo=2) are part of the Get Order details. Item 10005678 has DependentOnLineKey=1 and ProductClass=ShippingFee.

```

<LinItem EntryMethod="Keyed">      <!--Parent Item -->
    <LineNumber>4</LineNumber>
    <Sale OMSFulfillmentType="S">
        <ItemID>10001234</ItemID>
...
    <ThirdPartyOrder Offline="false">
        <OrderNumber>5328920</OrderNumber>
        <GeoCode>V6V2S1</GeoCode>
        <OrderSourceSystem>MCCP-FS</OrderSourceSystem>
        <ThirdPartyCustomData Name="PrimeLineNo">1<ThirdPartyCustomData>
        <ThirdPartyCustomData Name="FullFillmentType">SHIP<ThirdPartyCustomData>
        <FulfillmentLocationIdentifier>934</FulfillmentLocationIdentifier>
    </ThirdPartyOrder>
...
    <LinItemLink ItemLinkReason="ShippingFee">
        <ItemLink>6</ItemLink>
        <LinkAmoun xsi:nil="true" />
    </LinItemLink>
...
</Sale>

```

```

</LineItem>
...
<LineItem EntryMethod="Keyed">          <!--Child Item -->
  <LineNumber>6</LineNumber>
  <Sale OMSFulfillmentType="S">
    <ItemID>10005678</ItemID>
  ...
    <ThirdPartyOrder Offline="false">
      <OrderNumber>5328920</OrderNumber>
      <GeoCode>V6V2S1</GeoCode>
      < OrderSourceSystem >MCCP-FS</ OrderSourceSystem >
      <ThirdPartyCustomData Name="PrimeLineNo">2<ThirdPartyCustomData>
      <ThirdPartyCustomData Name="DependentOnLineKey">1</ThirdPartyCustomData>
      <ThirdPartyCustomData Name="FullFulfillmentType">SHIP<ThirdPartyCustomData>
      <FulfillmentLocationIdentifier>934</FulfillmentLocationIdentifier>
    </ThirdPartyOrder>
  ...
  </Sale>
</LineItem>

```

#### 15.2.1.2.2 Unit Price Logging

If the Order/OrderLines/OrderLine/LinePriceInfo @UnitPrice is populated, POS logs the price as if it was price required item.

Below is an example where item 1005678 is part of the Get Order details. This item contains a UnitPrice value of \$10. The price in the store database is \$50.

```

<LineItem EntryMethod="Keyed">
  <LineNumber>1</LineNumber>
  <Sale OMSFulfillmentType="S">
    <ItemID>10005678</ItemID>
    <RegularSalesUnitPrice UnitOfMeasureCode="EA" Currency="CAD">50</RegularSalesUnitPrice>
    <ActualSalesUnitPrice UnitOfMeasureCode="EA" Currency="CAD">10</ActualSalesUnitPrice>
    <ItemCost Currency="CAD">50</ItemCost>
    <ExtendedAmount Currency="CAD">10</ExtendedAmount>
    <DiscountAmount Currency="CAD">0</DiscountAmount>
    <ExtendedDiscountAmount Currency="CAD">0</ExtendedDiscountAmount>
  ..
    <RetailPriceModifier MethodCode="PriceOverride" DiscountGroup="0">
      <SequenceNumber>1</SequenceNumber>
      <Amount Action="Subtract">40</Amount>
      <PreviousPrice>50</PreviousPrice>
      <NewPrice>10</NewPrice>
      <ReasonCode>102</ReasonCode>
    </RetailPriceModifier>
  ...
    <ThirdPartyOrder Offline="false">
      <OrderNumber>5328920</OrderNumber>
      <GeoCode>V6V2S1</GeoCode>
      < OrderSourceSystem >MCCP-FS</ OrderSourceSystem >
      <ThirdPartyCustomData Name="PrimeLineNo">2<ThirdPartyCustomData>
      <ThirdPartyCustomData Name="DependentOnLineKey">1</ThirdPartyCustomData>
      <ThirdPartyCustomData Name="FullFulfillmentType">SHIP<ThirdPartyCustomData>
      <FulfillmentLocationIdentifier>934</FulfillmentLocationIdentifier>
    </ThirdPartyOrder>
  ...
  </Sale>
</LineItem>

```

## 16. Interfaces

### 16.1 MCF Application

#### 16.1.1 Launch MCF Application

The system passes the following information when launching the MCF application:

storebasket.ashx?action=<new or edit>&email=<email address, optional>&lang=<en-ca or fr-ca>,  
&TranID=<ssss^rrr^ttt^mmddyyyy, optional>

Parameter	Description	Valid Values or Examples
Action	Required. Edit a basket or create new basket	new or edit  <b>Create Web Basket</b> = new <b>Edit Web Basket</b> = edit
Email	Optional. The email address of the basket to edit. On a create basket, the value is not sent.	<b>Created Web Basket</b> = email is not sent <b>Edit Web Basket</b> = email is sent, either collected from the prompt for email address or from the already imported order
Lang	Optional. The language to display the website in. If no value is sent the default value is English.	en-ca (English, 1033) or fr-ca (French, 3084)  POS sends up the stores default language setting.
TranID	Optional The transaction 4 part key.	ssss^rrr^ttt^mmddyyyy  ssss = store number rrr = register number ttt = transaction number mmddyyyy = month, day and year

#### Create Web Basket Example:

<http://www.xxxxx.xxx/storebasket.ashx?action=new&lang=en-ca>

#### Edit Web Basket Example:

<http://www.xxxxx.xxx/storebasket.ashx?action=edit&email=name@yahoo.com&lang=en-ca>

#### 16.1.2 Close MCF Application

POS waits for the MCCP application to route to a defined URL to denote that the application has closed. The URL contains the email address for the order. This email address will be used to import the order and for re-launching the application.

If the email address is not sent in the close MCF URL, POS assumes the create/edit of the basket has failed or stopped by the user and POS will not make the call to import the order. No error message is displayed.

The following is the URL of the page that will load when basket processing completes:

storebasketsaved.ashx...email=<email address>&{future variables}

Parameter	Description	Valid Values or Examples
email	Optional. The email address entered by the user associated with the MCF basket.	Email address

#### Example:

<http://www.xxxxx.xxx/storebasketsaved.ashx?email=name@yahoo.com>

## 16.2 MCF Get Order Details Web Service

### 16.2.1 Request

The request is done using the HTTP GET method and should be formatted as follows:

/basket?email=<email address>

The email portion should be a valid email that has been entered by the customer in the MCF App. It must be URL encoded.

Resource	HTTP Method	HTTP Accept Header Field Value	Request Payload
email	GET	<b>Accept:</b> application/QuickOrder <b>Accept-Language:</b> en-CA	N/A

### 16.2.2 Response

The operation will return an applicable HTTP status code. If the operation is successful then a basket object will also be returned. With some status codes, if an error occurs, then an error object will be returned that contains additional details about the error. For all status codes other than 200, POS will display a specific error message based upon the status code returned and return to the Item Entry without adding the basket. **NOTE:** If MCF Sale Items already existed in the transaction prior to sending up the request and POS receives an error message, those items have been removed from the transaction.

The following HTTP status codes can be returned (see section 16.4 for further details on the error response):

HTTP Status Code	Status Description	Details
200	Success	The request was successfully processed
400	Bad Request	An error object will be returned providing error code and description serialized in XML. Error codes: 4001: Invalid Email Syntax
404	Not Found	The requested basket was not found.
406	Not Acceptable	The specified content-types in the Accept headers sent in the request are not supported by the server. Only application/QuickOrder and application/xml are supported.
500	Internal Server error	An error occurred on the server

The response details structure is below:

```
<Order EnterpriseCode="" DocumentType="" SearchCriteria1="" OrderNo="" CustomerEmailID="">
<PersonInfoBillTo FirstName="" LastName="" DayPhone="" EveningPhone="" AddressLine1=""
AddressLine2="" City="" Country="" State="" ZipCode="" />
  <OrderLines>
    <OrderLine PrimeLineNo="" PromisedApptStartDate="" PromisedApptEndDate="" OrderedQty=""
ShipNode="" FulfillmentMethod="" MaxLineStatus="" DependentOnLineKey="">
      <Item ItemDesc="" CustomerItem="" />
      <LinePriceInfo UnitPrice="" />
      <PersonInfoShipTo FirstName="" LastName="" DayPhone="" EveningPhone="" AddressLine1=""
AddressLine2="" City="" Country="" State="" ZipCode="" />
    </OrderLine>
  </OrderLines>
</Order>
```

Data Element	Description
Order @EnterpriseCode	Value of 'Retail'
Order @DocumentType	The document type indicates if the transaction is a sale or a return/exchange. For MCF the only valid value is '0001'.  Any other value for processing a service order results in an import failure and the transaction is voided.

Data Element	Description
Order @SearchCriteria1	Timestamp in MCF – value to be sent to the SubmitOrder call at total time. POS does not convert the value or perform any validation on the value; it is treated as a string value.
Order @OrderNo	The Basket ID within MCF – value to be sent to the SubmitOrder call at total time.  <i>Sample BasketId: C6CDAD99-D555-431A-B7BE-025270446200</i>
Order @CustomerEmailID	The email address of the MCF Order.
Order/OrderLines/OrderLine @PrimeLineNo	The line number for the item.
Order/OrderLines/OrderLine @PromisedApptStartDate	The start date used to print the timeframe of the service on the receipt. If no value sent, then POS prints a generic message on the receipt.
Order/OrderLines/OrderLine @PromisedApptEndDate	The end date used to print the timeframe of the service on the receipt. If no value sent, then POS prints a generic message on the receipt.
Order/OrderLines/OrderLine @OrderedQty	The quantity for the line item.
Order/OrderLines/OrderLine @ShipNode	Determines the fulfillment location. The 'BBY_' before the value in the field is removed before it is logged.
Order/OrderLines/OrderLine @FulfillmentMethod	The fulfillment method determines the type of import details are being returned. For a MCF, the fulfillment method is returned as 'SHIP'.  Any other value for processing a MCF import results in an import failure and order is not imported.
Order/OrderLines/OrderLine @MaxLineStatus	The Service Order Scheduling system returns a value of '1000'.  Any other value for processing a MCF import results in an import failure and order is not imported.
Order/OrderLines/OrderLine @DependentOnLineKey	Used to determine if an item is related to another item in the import order. This number represents the PrimeLineNo that this item is a child of. The value is populated along with the ProductClass. If the ProductClass and DependentOnLineKey are not both populated, the items are not linked in the EJ and POSLog.
Order/OrderLines/OrderLine/Item @CustomerItem	The item ID that the system adds to the transaction.
Order/OrderLines/OrderLine/Item @ProductClass	The line item link reason to be populated in the EJ and POSLog. The value is populated along with the DependentOnLineKey. If the ProductClass and DependentOnLineKey are not both populated, the items are not linked in the EJ and POSLog.
Order/OrderLines/OrderLine/LinePriceInfo @UnitPrice	If a UnitPrice is present, then POS uses this price for the item. If no UnitPrice is present, then POS extracts the price from the store database.  Assumption: Price is positive
Order/OrderLines/OrderLine/PersonInfoShipTo @FirstName	The first name of the customer entered into the order.
Order/OrderLines/OrderLine/PersonInfoShipTo @LastName	The last name of the customer entered into the order.
Order/OrderLines/OrderLine/PersonInfoShipTo @DayPhone	The day time phone number of the customer entered into the order. The format is 10 digits, no space or dash.
Order/OrderLines/OrderLine/PersonInfoShipTo @AddressLine1	The address of the customer entered into the order.

Data Element	Description
Order/OrderLines/OrderLine/PersonInfoShipTo @AddressLine2	The address of the customer entered into the order.
Order/OrderLines/OrderLine/PersonInfoShipTo @City	The city of the customer entered into the order.
Order/OrderLines/OrderLine/PersonInfoShipTo @Country	The country of the customer entered into the order. The system returns a value of 'CAN'.  Assumption: Only valid value is 'CAN'
Order/OrderLines/OrderLine/PersonInfoShipTo @State	The province of the customer entered into the order.
Order/OrderLines/OrderLine/PersonInfoShipTo @ZipCode	The postal code of the customer entered into the order. The format is V3E3X3, no spaces.
Order/PersonInfoBillTo @FirstName	The first name of the customer entered into the order.
Order/PersonInfoBillTo @LastName	The last name of the customer entered into the order.
Order/PersonInfoBillTo @DayPhone	The day time phone number of the customer entered into the order. The format is 10 digits, no space or dash.
Order/PersonInfoBillTo @AddressLine1	The address of the customer entered into the order.
Order/PersonInfoBillTo @AddressLine2	The address of the customer entered into the order.
Order/PersonInfoBillTo @City	The city of the customer entered into the order.
Order/PersonInfoBillTo @Country	The country of the customer entered into the order. The system returns a value of 'CAN'.
Order/PersonInfoBillTo @State	The province of the customer entered into the order.
Order/PersonInfoBillTo @ZipCode	The postal code of the customer entered into the order. The format is V3E3X3, no spaces.

## 16.3 MCF Submit Order Web Service

### 16.3.1 Request

The request is done using the HTTP POST method and should be formatted as follows:

/createpurchaseorder

Resource	HTTP Method	HTTP Accept Header Field Value	Request Payload
/createpurchaseorder	POST	Accept-Language: en-CA	<b>basketId</b> : the ID of the basket to create the purchase order for (Order@OrderNo).  <b>lastModifiedDate</b> : Last modified date of the basket (Order@SearchCriteria1).

### 16.3.2 Response

The operation will return an applicable HTTP status code and a purchase order id. With some status codes, if an error occurs, then an error object will be returned that contains additional details about the error.

`<orderId>OrderId</orderId>`

Example: `<orderId>1233333</orderId>`

The following HTTP status codes can be returned:

HTTP Status Code	Status Description	Details
200	Success	The request was successfully processed.
400	Bad Request	An error object will be returned providing error code and description serialized in XML. Possible error codes: 4002: Invalid BasketId Syntax 4003: Invalid LastModifiedDate Syntax
422	Unprocessable Entity	An error object will be returned providing error code and description serialized in XML. Error codes:  4221: Basket Not Found 4222: Basket has been modified 4223: Insufficient Inventory for some items. A list of skus with insufficient inventory will be included in the data section in the error object message as follows: <code>&lt;data&gt;</code> <div style="margin-left: 40px;"> <code>&lt;item type="SKU " value="1031376"/&gt;</code>  <code>&lt;item type="SKU " value=" 100870"/&gt;</code>  ...  <code>&lt;/data&gt;</code> </div> 4224: Insufficient Inventory for all items
500	Internal Server Error	An error occurred on the server.

### 16.4 MCF Error Type

For both the SubmitOrder and Get Order operations, for some HTTP status codes, the following error object will be returned serialized as XML.

```
<error lang=" en-ca">
  <code>code</code>
  <message>message</message>
  <data>
    <item type="type" value="value"/>
    <item type="type" value="value"/>
    ...
  </data>
</error>
```

Examples:

```
<error lang=" en-ca">
  <code>4001</code>
  <message> Email me@@bar.com is syntactically invalid.</message>
  <data/>
</error>

<error lang=" en-ca">
  <code>4223</code>
```



```

    <message> Insufficient Inventory for some items. List of SKUs are included in the data section.
  </message>
  <data>
    <item type="SKU " value="1031376"/>
    <item type="SKU " value=" 100870"/>
  </data>
</error>

```

## 16.5 OMS Cancel Order

### 16.5.1 Request

A Void Order message is written to the MESSAGE\_TO\_QUEUE table after an order has been submitted to OMS (submit call at total time) and the customer decide not to proceed with the purchase – selecting Transaction Void on the Tender screen when MCF Sale Items are in the transaction. POS writes a record to routing table to be processed by external service.

Field	Location of Data	Valid Values
cancelType	N/A	'FSOrderCancel'
clientOrderNumber	Submit Order Response <orderId/>	Based upon the submit order response
storeId	N/A	Valid Values: 11, 33  Value based on current store brand 11 – Futureshop Store IBH/Brand = 11 33 – Bestbuy, Store IBH/Brand = 10
cancelBy	N/A	'Cancelled by customer request.' – <b>Note:</b> Period needs to be added to the end of the value.
SecurityUser/UserName	N/A	'PointOfSaleUser'
cancellationReason	N/A	'CUSTOMER_REQUEST'
CancelComment	N/A	'EPOS voiding of M CCP Submitted Order'

```

<CancelRequest ver="6">
  <cancelType>FSOrderCancel</cancelType>          <!--hard-coded value -->
  <clientOrderNumber>1004100005</clientOrderNumber>  <!--Order Number returned in submit order response -->
  <storeId>11</storeId>      <!--Value based upon the brand of the store 11 or 33, see above for logic-->
  <cancelBy>Cancelled by customer request.</cancelBy>  <!--hard-coded value -->
  <SecurityUser>
    <UserName>PointOfSaleUser</UserName>          <!--hard-coded value -->
  </SecurityUser>
  <cancellationReason>CUSTOMER_REQUEST</cancellationReason>  <!--hard-coded value -->
  <CancelComment> EPOS voiding of M CCP Submitted Order </CancelComment>  <!--hard-coded value -->
</CancelRequest>

```

## 17. Out Of Scope

- This Specification covers the changes needed to implement the changes for MCF. Functionality that has no changes from the current processes is not covered unless needed to provide context.

## 18. Business Sign Off (Sections 2, 12 & 13)

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

## 19. Technical Sign Off

Name	Organization	Approval Email and/or Date Received
Mark Houghton	Best Buy	

## 20. Technical Review

Name	Organization	Approval Email and/or Date Received
Andy Liang	Best Buy	
Kevin Bahng	Best Buy	
Greg Irvin	Best Buy	
Anne Shetty	Best Buy	

## 21. 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	
Muhammad Idriss	Storeworks/Stella Nova Technologies	

## 22. Revision History

### 22.1 Reviews

Date	Iteration	Result
3/4/2015	1.2 – Review with BBY	Updates in version 1.3
3/25/2015	1.3 – BBY Review	Updates in version 1.4

### 22.2 Revision History

Reviser	Revision	Date	Version
Amy Lackas	Initial document created	11/01/2013	1.0
Amy Byers	Updated per updated requirements	2/28/2015	1.2
Amy Byers	<ul style="list-style-type: none"> <li>– Sections 2.1 &amp; 12.1.1: Changed wording on key from Web Order to MCF</li> <li>– Section 8.4.2: <ul style="list-style-type: none"> <li>○ Clarified that Selection List relationships is subscription processes.</li> <li>○ Removed adding Mandatory items.</li> </ul> </li> <li>– Section 11: Added assumption that MCCP returns most recent order</li> <li>–</li> </ul>	3/16/2015	1.3
Amy Byers	<ul style="list-style-type: none"> <li>– Sections 3.4, 4.5, 5.5 &amp; 7.5: Clarified that feature only available during sale and employee sale transaction types.</li> <li>– Section 8.5: Added that leading zeros on SKUs will be removed prior to looking up item.</li> <li>– Section 9.5: Replaced Vertex with Tax Calculation Web Service</li> <li>– Former section 10.1: Removed section on other transaction type impacts.</li> <li>– Section 16.1.1: Added 4 part key to launch MCF request.</li> <li>– Former section 18: Removed open question section.</li> </ul>	4/9/2015	1.4

## 23. Appendix A: Source Documentation

- XPOS MCF Requirements - 12Jan2015.xlsx

### 23.1 Functional Requirements

ID	Requirement Group	Description	Section(s)
1.1.3	Web Basket Import	Web baskets intended for POS import can only be created in the MCF App.	<ul style="list-style-type: none"> <li>• 4 Use Case: Create Order</li> </ul>
1.2.3	Web Basket Import	When a basket is imported into the store POS transaction, the Ship to and contact customer information will be included as part of the imported information.	<ul style="list-style-type: none"> <li>• 16.2.2 Response</li> </ul>
1.2.4	Web Basket Import	The customer contact information will pre-populate in POS to the transaction level customer fields in POS.	<ul style="list-style-type: none"> <li>• 15.2.1.2 Implementation - Sale</li> </ul>
1.2.4.1	Web Basket Import	If the web customer contact is imported to POS after customer data has already been captured in POS at the transaction level, then the MCF customer contact data will not update the transaction level customer fields in POS.	<ul style="list-style-type: none"> <li>• 8.5 Special Requirements</li> </ul>
1.2.5	Web Basket Import	The store associate shall NOT be able to edit the transaction level customer via POS should the data be populated from an MCF basket import.	<ul style="list-style-type: none"> <li>• Out of Scope</li> </ul>
1.2.6	Web Basket Import	The ship_to customer postal code and province shall be associated to the item at the line level.	<ul style="list-style-type: none"> <li>• 15.2.1.2 Implementation - Sale</li> </ul>
1.2.7	Web Basket Import	The postal code and province captured via MCF for the ship_to location (used for tax calculation) cannot be modified in POS on web basket imported items.	<ul style="list-style-type: none"> <li>• Existing Functionality</li> </ul>
1.2.9.1	Web Basket Import	When the basket is imported into POS, the EHF SKU will be imported as a child to a parent item. POS will be modified to NOT run through tier-two relationships to add the EHF fee for Web Basket Imported items.	<ul style="list-style-type: none"> <li>• 8.5 Special Requirements</li> </ul>
1.5	Web Basket Import	To import a basket into POS, the user shall search for a basket using the customer's email address.	<ul style="list-style-type: none"> <li>• 7 Use Case: Import Order</li> </ul>
1.5.2	Web Basket Import	A user may only import a single web basket into a single transaction.	<ul style="list-style-type: none"> <li>• 7 Use Case: Import Order</li> </ul>
1.5.4	Web Basket Import	From POS, the user will be able to launch the MCF application to create a new basket, if a MCF basket has not already been added to the transaction.	<ul style="list-style-type: none"> <li>• 4 Use Case: Create Order</li> </ul>
1.5.5	Web Basket Import	From POS, the user will be able to launch the MCF application to edit an existing basket. - If MCF basket already imported to POS tran, don't prompt for email address and launch MCF site with pre-populated email address. - If no Import already done, POS prompts for email address.	<ul style="list-style-type: none"> <li>• 5 Use Case: Modify Order</li> </ul>
1.5.5.1	Web Basket Import	In the case that the user navigates to MCF to edit a basket, but exits MCF without saving their changes, then POS will continue to show the original basket before changes, without having to do another import. All the pricing changes that were previously done in POS will still remain in effect.	<ul style="list-style-type: none"> <li>• Out of Scope</li> </ul>
1.5.5.2	Web Basket Import	From POS, if the user launches the MCF application to edit an existing basket, the email address cannot be edited.	<ul style="list-style-type: none"> <li>• Not a POS Requirement</li> </ul>
1.5.6	Web Basket Import	When the MCF application is launched from POS, it will be rendered in the language that the user was using in POS.	<ul style="list-style-type: none"> <li>• 16.1.1 Launch MCF Application</li> </ul>

ID	Requirement Group	Description	Section(s)
1.6	Web Basket Import	If no basket exists that corresponds with the entered email address, POS will present an error message indicating that there are no orders found.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> <li>12.1.4.5 Get Order General Error Message</li> <li>12.1.4.6 &lt;Get Order Error Status code&gt; Error Message</li> </ul>
1.7	Web Basket Import	If a web basket is found, POS will add all items from the web basket into POS.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> </ul>
1.7.1	Web Basket Import	If a customer profile is associated to the entered email address, the customer details will also be imported into POS.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> <li>15.2.1.2 Implementation - Sale</li> </ul>
1.8	Web Basket Import	If a web basket item contains multiple quantities, they will be displayed on separate lines within the POS transaction.	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
1.8.1		When the basket is imported into a Commercial Sales POS sale, then multiple quantities of the same item will be displayed on ONE line within POS, with multiple quantity, not on separate lines.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
1.10.	Web Basket Import	POS will add all of the web basket items to the transaction regardless of whether other items are already included in the transaction or not.	<ul style="list-style-type: none"> <li>3.4 Special Requirements</li> </ul>
1.11	Web Basket Import	After the web import is complete, POS will allow for items to be added to the transaction for grab and go.	<ul style="list-style-type: none"> <li>3 Use Case: Initiate Order</li> </ul>
1.12	Web Basket Import	POS will evaluate the following item attributes for items Web Basket Imported: - Manager Approval - Age Verification - Signature for T&C	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
1.12.1	Web Basket Import	POS will not prompt for Customer Capture on Web Basket Imported items even if the item attribute is set to prompt.	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
1.12.2	Web Basket Import	POS will allow an item to be basket imported even if it is flagged as non-sellable.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
1.13	Web Basket Import	POS will indicate which items have been added as a result of Web Import.	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
1.15	Web Basket Import	All qualifying basket imported items will allow for price overrides. Manager approval rules would still apply.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
1.15.1	Web Basket Import	Basket imported items may only be deleted individually within the MCF App. A user is required to return to the MCF App to delete individual web basket imported items and then re-import the edited basket into POS.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
1.17	Web Basket Import	Once the user has selected TOTAL and agreed to submit the order, the web basket will be submitted and no longer accessible via the MCF App.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
1.19	Web Basket Import	Once a Web basket has been imported into POS, focus will be directed to the first imported item that is applicable for PSP.	<ul style="list-style-type: none"> <li>3.3 Main Flow</li> </ul>

ID	Requirement Group	Description	Section(s)
1.19.1	Web Basket Import	When PSP is sold on a Web Basket Imported item, the start date of the PSP will be equal to the Sales Date.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
2.2	Fulfillment	If an item is intended for fulfillment, the user must define it as fulfillment required prior to adding it to the transaction.	<ul style="list-style-type: none"> <li>Not a POS Requirement</li> </ul>
2.3.1	Fulfillment	POS must provide the ability for a user to delete an entire basket within the POS transaction.	<ul style="list-style-type: none"> <li>3 Use Case: Initiate Order</li> </ul>
2.4	Fulfillment	All entered items are to be presented on the same screen regardless of how they were applied to the transaction. Ex. If an item is entered as a grab and go item or imported into the transaction, all items will appear together on the POS screen.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
2.8.1	Fulfillment	POS is currently constrained to only allow an item to have a quantity of 1. If multiple of the same item are to be sold, the item will appear multiple times on separate lines.	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
2.8.3	Fulfillment	POS and OMS must support the ability to sell the same SKU with different selling prices, within the same transaction.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
2.8.4	Fulfillment	One transaction may contain multiple of the same SKU. For example, one sold as a grab and go and the other sold as a web fulfilled item.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
2.13	Fulfillment	Stores must have the ability to sell Web Exclusive and Vendor Direct brown good items.	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
2.14	Fulfillment	The user will be able to toggle between the MCF Website and POS Application <del>on the SurePOS register</del> if the MCF app was launched through the ETK wrapper.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
2.14.1	Fulfillment	If the user has launched the MCF Website through POS application, they cannot toggle back to POS while the MCF App is still open.	<ul style="list-style-type: none"> <li>3.4 Special Requirements</li> </ul>
2.14.2	Fulfillment	When user selects to Edit MCF Basket, once they have completed the Edit in the MCF app, when the application window closes, the POS will automatically replace the previously imported basket with the newly edited basket.	<ul style="list-style-type: none"> <li>5 Use Case: Modify Order</li> </ul>
2.17.3	Fulfillment	The Web Basket Import function can be enabled or disabled by the store location.	<ul style="list-style-type: none"> <li>14 Configurable Settings</li> </ul>
2.17.4	Fulfillment	The Web Basket Import location configuration will be assigned at the Brand, Region, District, and/or Store levels.	<ul style="list-style-type: none"> <li>14 Configurable Settings</li> </ul>
2.17.5	Fulfillment	The Store User will not be able to select Web Basket Import if it is disabled for their store.	<ul style="list-style-type: none"> <li>14 Configurable Settings</li> </ul>
2.21	Fulfillment	The printed/mailed receipts will include a unique identifier that the Associate and Customer can use to track the progress of each of their orders.	<ul style="list-style-type: none"> <li>13.1 Receipt Changes</li> </ul>
2.21.1	Fulfillment	The printed/mailed receipts shall have a message informing the customer where and how to lookup the status of their MCF items.	<ul style="list-style-type: none"> <li>13.1 Receipt Changes</li> </ul>
2.31.3	Fulfillment	The Sales Audit team requires the ability to rebuild fulfillment transactions via the Missing Transactions Application.	<ul style="list-style-type: none"> <li>15.1 Electronic Journal Logging Changes</li> </ul>
3.1	Fulfillment	Certain items, based on the item attributes, will be flagged to require full customer capture.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.4	Fulfillment	Wherever customer capture is required, POS will default to the last entered customer information on that transaction, but provide the opportunity to modify.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>

ID	Requirement Group	Description	Section(s)
3.4.1	Fulfillment	Whenever customer information is entered or modified at the transaction level in POS, it will not automatically modify the item level customer captured for MCF items	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.5	Fulfillment	A transaction may require multiple customer capture, depending on the fulfillment option, and each data input can be different.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.6	Fulfillment	When inputting the customer capture, the user can search for a customer's records from the source that POS currently uses.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.7	Fulfillment	When inputting the customer capture, the user can manually input the customer's information, thus creating a new record.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.12.1	Fulfillment	If the addresses are edited, the changes will update the master database, so the next time that address is pulled into the transaction, it is the edited version.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.12.2	Fulfillment	<del>If the address is manually entered, the</del> <b>full customer capture</b> requires the following data: First Name Last Name Street Address City Province Postal Code Phone number	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.12.3	Fulfillment	<del>If the address is manually entered, the</del> <b>full customer capture</b> has the following <b>optional</b> data fields: Alternate Phone Number Email address	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.21.2	Fulfillment	Should a customer opt-in for the email receipt feature within POS, the email capture field will be pre-populated with the email address captured at the tran level.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.25	Fulfillment	Should email address be required and the user attempts to continue without capturing an email address, an error message must be displayed.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.26	Fulfillment	Once an email address is entered, validation must be done to ensure that there is a "@" and "." present.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
3.28	Fulfillment	Customer validation of their address will not be prompted or required on the signature capture device.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
5.8	Fulfillment	Shipping SKUs and Fees applied to an order will be displayed on the virtual, printed and emailed receipts.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
5.8.1	Fulfillment	The system shall display the MCF Shipping SKUs and Fees immediately following each item that they are associated with.	<ul style="list-style-type: none"> <li>13.1 Receipt Changes</li> </ul>
5.9	Fulfillment	Delivery SKUs and fees applied to an order will be displayed on the virtual, printed and emailed receipts.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
5.10.2	Fulfillment	The associate shall NOT be able to modify the price of the Shipping Fee SKU. (This will be managed via SKU attribute.)	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
5.10.3	Fulfillment	Shipping fees may be returned independently of the fulfilled item on a subsequent return transaction.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
7.1	Fulfillment	The POS system needs to distinguish between a regular grab and go sale and a sale that requires fulfillment items.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
7.2	Fulfillment	The current system performance of the Grab and Go transaction will not be impacted by the implementation of the Multi-Channel Fulfillment process.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> </ul>
7.3	Fulfillment	The current Grab and Go process will not be impacted by the implementation of the Multi-Channel Fulfillment process.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> </ul>



ID	Requirement Group	Description	Section(s)
7.7	Fulfillment	If the system indicates that there is no stock available to be sold as a grab and go item, the Grab & Go fulfillment option will still <b>be permitted</b> .	<ul style="list-style-type: none"> <li>Not a POS Requirement</li> </ul>
7.8	Fulfillment	Customer information is not required for grab and go items unless the customer capture attribute is set for the SKU.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
7.9	Fulfillment	If a Pre-Order item is entered as a Grab and Go item, POS will present an error message to the user indicating that the Pre-Order item must be processed using the Pre-Order transaction.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
7.9.1	Fulfillment	If a Pre-Order item is somehow imported from MCF into POS, then POS will present an error message to the user indicating that the Pre-Order item must be processed using the Pre-Order transaction.	<ul style="list-style-type: none"> <li>8.4.2 Modified Sale Process – MCF Alternate Flow</li> </ul>
7.10.	Fulfillment	Rainchecks will function as they do today and will not be modified to be incorporated within the fulfillment options.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
7.10.1	Fulfillment	POS will not allow a Raincheck to be issued for an MCF item.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
7.10.2	Fulfillment	The user can scan a raincheck receipt to modify the price of a Web Imported item.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
8.21	Fulfillment	Once total is selected, should there not be a temporary reservation on the item(s), POS will validate that inventory is still available and begin a temporary hold on the item(s) for the reservation timeframe.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.1.1	POS	MPOS will be able to consume the Web Imported items and the fulfillment options selected through Kiosk, and allow the store to complete the sale on a single transaction.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> </ul>
12.1.2	POS	The MCF app can be launched like an application from the ETK Wrapper on the SurePOS device.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.1.3	POS	The MCF app can be launched from within the POS application: - Create New basket - Edit Existing basket	<ul style="list-style-type: none"> <li>3 Use Case: Initiate Order</li> </ul>
12.2	POS	If there are items that do not have a chosen fulfillment option, the system must prevent those items from being sold. An item may not be sold if the fulfillment option is not selected.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.3	POS	Once an item has had a fulfillment option selected, an indicator is required in the virtual receipt to provide details as to the fulfillment option that was assigned.	<ul style="list-style-type: none"> <li>3 Use Case: Initiate Order</li> </ul>
12.4	POS	Each item fulfillment option is required to be printed on the printed/emailed receipt	<ul style="list-style-type: none"> <li>13.1 Receipt Changes</li> </ul>
12.4.1	POS	The estimated shipment date will appear below each fulfillment item in the transaction, below the shipping fee SKU.	<ul style="list-style-type: none"> <li>13.1 Receipt Changes</li> </ul>
12.4.2	POS	The ability to display the estimated shipment date will be configurable to be turned on (display date) or off (do not display date).	<ul style="list-style-type: none"> <li>13.1 Receipt Changes</li> </ul>
12.6	POS	The order in which items appear on the receipt need not change from how they are presented today.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.7	POS	The receipt total item quantity count will be modified to only account for the qualifying items that are sold as grab and go items. All other fulfillment types will not be included in the receipt total quantity count.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> <li>13.1 Receipt Changes</li> </ul>
12.7.2	POS	The receipt will be modified to include a preceding title that indicates that the quantity displayed represents only items that are physically leaving the store. Ex. Total Grab and Go Quantity Sold:	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>



ID	Requirement Group	Description	Section(s)
12.8	POS	If an item is to be fulfilled by any method other than grab and go from current store stock, Serial Number must not be prompted or required.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
12.8.1	POS	Current practices related to selling serial number required items via the web must continue.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.8.1.1	POS	If the serial number has been captured by a fulfillment partner, then the serial number must be passed to the sales record in CSPARC.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.8.2	POS	<del>At the point of total,</del> The POS system shall evaluate the basket and determine if there are any "Grab & Go" items requiring serial # capture that don't currently have a serial # associated to them. The system will prompt for the entry of serial # and show the SKU and description this is needed for.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.9	POS	If the customer capture item attribute is required, full customer capture will be prompted, with email address not being mandatory.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.10.	POS	If full customer has already been captured for the item as part of fulfillment, the customer capture will not be prompted again.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> </ul>
12.10.1	POS	Should only partial information be captured, the captured data fields will be prepopulated and the user would be required to complete the customer information.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.11	POS	If an item is set to be shipped or picked up out of province, the taxes must be systematically overridden to match the tax for the destination province/territory.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.13	POS	If the tax is systematically overridden at the line and/or tran level, the virtual receipt must indicate this.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.14	POS	If the tax is systematically overridden at the line and/or tran level, the physical/emailed receipt must indicate this.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.17	POS	If an item is set to be shipped or picked up out of province, and the user performs an item tax exemption, the tax reason codes must be based on the destination province/territory configuration.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.18	POS	If an item has been imported (through web basket import or via the web catalogue), the web pricing associated to the item must be compared against the system price. The lowest price will be applied to the item.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.18.1	Web Basket Import	Item pricing will be determined by POS once items have been imported from the web basket.	<ul style="list-style-type: none"> <li>8 Use Case: Get Order</li> </ul>
12.19	POS	If items associated to a value package have been imported (through web basket import or via the web catalogue), the web value package pricing associated to the item must be compared against the POS system value package price. The lowest value package price or best value option will be applied to the items.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.19.6	POS	Any VPID's associated to the sold items, regardless of which price is applied, must be attached to the transaction to ensure funding is applied.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.19.6.1	POS	If the Web Bundle price and the Value Package price are equal, the store value package will be assigned, to ensure that the VPID associated to the bundle is captured.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.20.	POS	Value package must apply to all applicable items regardless of their assigned fulfillment option(s).	<ul style="list-style-type: none"> <li>9.5 Special Requirements</li> </ul>
12.20.1	POS	Should the user return to the transaction after value package has been applied, value package changes will be reverted and will be re-evaluated again once total is selected.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>

ID	Requirement Group	Description	Section(s)
12.21	POS	A customer's MOP will only be charged at the point of sale and will not be charged when the order is shipped.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.26	POS	Layaway deposits may not be issued for items that require fulfillment.	<ul style="list-style-type: none"> <li>3.4 Special Requirements</li> </ul>
12.26.1	POS	Layaway Deposit Transaction type will not allow Web Basket Import.	<ul style="list-style-type: none"> <li>3.4 Special Requirements</li> </ul>
12.26.2	POS	A Layaway Deposit may be applied as a method of payment to a transaction containing fulfillment items, regardless of how the items are added to the transaction.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.27	POS	Rainchecks may not be issued for items that require fulfillment.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
12.27.1	POS	Should a user attempt to item modify (for Raincheck) an item that is to be fulfilled, an error message will be presented to the user indicating that the item is to be fulfilled and cannot be rainchecked. The user will be notified that they should modify the item that is not being fulfilled.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
12.28	POS	Suspend and resume is permitted on transactions containing basket imported items.	<ul style="list-style-type: none"> <li>10.1 Suspend/Resume Impacts</li> </ul>
12.28.1	POS	If a POS transaction containing fulfillment items is not resumed, it will be purged from the system at the end of the business day.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.31	POS	Once TOTAL has been selected, stock availability will be re-evaluated for fulfillment items.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.31.0.	POS	When the user selects TOTAL and the call to MCCP for inventory validation is successful, POS will display a message to notify the associate that the Web Basket has been confirmed and that no more changes can be made.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.31.1	POS	If stock is not available, an error message will appear, indicating that the user must return to the Web Basket to remove the unavailable items.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.31.2	POS	If all items are available, the order will be submitted and the corresponding web countdown will be decremented.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.31.3	POS	At the point in POS when the sale is about to be tendered, if there is an MCF basket on the tran, POS will prompt the user with a message to tell them that by proceeding to tender, there's no going back into the Item Entry screen. - If the user declines to proceed, the system will return to the item entry screen. - If the user accepts to proceed, they can either tender the transaction or void the transaction. .	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.31.5	POS	Once the order is submitted from MCF to OMS, the user may not return to the MCCP web basket.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.31.6	POS	When the Store Associate is attempting to complete the sale, and POS makes a final call to MCCP to check the inventory and the basket changes, if there was a PRICE change in MCCP, do NOT display an error message. Allow the order to be submitted with the current price.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.34.1	POS	An item may be deleted from the transaction, within POS or within the MCF application itself.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>

ID	Requirement Group	Description	Section(s)
12.34.2	POS	If imported items need to be removed from the transaction (prior to order submission), the user will navigate back to the MCF Website basket to remove the items. Web Imported Items cannot be deleted from the POS transaction directly.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
12.34.3	POS	At the time of validation (pre-tender) an error message must be presented to indicate that the cart is out of sync, should changes be made to the MCCP web basket but the web basket is not re-imported. The user will be required to re-import or remove the imported basket before completing the transaction.	<ul style="list-style-type: none"> <li>9 Use Case: Modified MCF Total</li> </ul>
12.35	POS	When a transaction containing fulfillment items is voided in POS, any corresponding orders in fulfillment locations shall be cancelled.	<ul style="list-style-type: none"> <li>10.3 Transaction Void</li> </ul>
12.36	POS	All fulfillment transactions will appear in the Store Sales reports. See requirements in the subsection of 12.36 for the specific reports to be modified.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.36.1	POS	The Product Category Breakdown report will report separately on MCF orders within the same report.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.36.2	POS	The Inventory Movement report will have an indicator to identify which items are to be fulfilled.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.36.3	POS	The following reports will have an MCF column added that will be comprised of the total MCF sales dollars. <ul style="list-style-type: none"> <li>- Store Summary report</li> <li>- Salesperson sales day over day</li> <li>- Salesperson sales mtd</li> <li>- Store ranking report</li> <li>- Sales floor lead report</li> </ul>	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.55	POS	A receipt message will appear below Pre-Ordered items to indicate when the item will be shipped to the customer.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.56	POS	A user may modify item pricing, regardless of how it was added to the transaction or how it is to be fulfilled, using current functionality in POS	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.56.1	POS	Price Override Manager Approval rules will still function as they do today.	<ul style="list-style-type: none"> <li>Existing Functionality</li> </ul>
12.56.2	POS	A new "e-cert" reason code will be added to the POS Price Modify functionality.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>
12.57	POS	Items that are to be fulfilled, qualify to be included in a Kit on the Fly, regardless of how they were added to the transaction.	<ul style="list-style-type: none"> <li>8.5 Special Requirements</li> </ul>
12.57.1	POS	Kit items are not required to all be fulfilled from the same location or to the same location.	<ul style="list-style-type: none"> <li>Not a POS Requirement</li> </ul>
12.58	POS	If an item is to be shipped to a province other than where the sale is processed, the EHF SKU related to the destination location will be added.	<ul style="list-style-type: none"> <li>Out of Scope</li> </ul>

## 24. Appendix B: Glossary

Term	Definition
MCF	Multi-Channel Fulfillment
IBH	International Business Hierarchy

## 25. Appendix C: Language Codes

The Microsoft Language Codes to be used in POS.

Locale	LCIDDec
English_United_States	1033
Spanish_Puerto_Rico	20490
English_Canadian	4105
French_Canadian	3084