

POS Provider Implementation Plan

Account Provisioning and Onboarding

Instructions: POS Providers must complete and satisfy the following checklist to be migrated into the PROD environment. If a POS Provider is unable to meet all criteria on the list below, OCS will not allow the POS Provider to commence the pilot phase.

Task ID	Activities	Owner	Start Date	End Date	Duration	Complete	Environment	Comments
A-1	POS Provider provides list of CROLs and CRSAs that will participate in the pilot to OCS	POS Provider			1 week	<input type="checkbox"/>	UAT	
A-2	POS Provider to provide internal e-mail for onboarding and notifications	POS Provider			1 day	<input type="checkbox"/>	UAT	
A-3	POS Provider to confirm onboarding to Integration Portal e-mail has been received and registration/access tested	POS Provider			1 day	<input type="checkbox"/>	UAT	
A-4	POS Provider to check that they see the appropriate CROL / CRSA retailer hash keys on the Integration Portal	POS Provider			1 day	<input type="checkbox"/>	UAT	
A-5	POS Provider to check all other pages of the Integration Portal such as Documentation, API Specs and My Profile page	POS Provider			1 day	<input type="checkbox"/>	UAT	

API Smoke Test in QA Environment

Task ID	Activities	Owner	Start Date	End Date	Duration	Complete	Environment	Comments
B-1	POS Provider to coordinate with OCS point of contact for OAuth client secret details for UAT Environment	OCS			1 day	<input type="checkbox"/>	UAT	
B-2	POST Inventory Position API Initial Test and Load <ul style="list-style-type: none"> For OCS to have a baseline anchor to run data reconciliation, POS Provider must send an Inventory Position push for previous day without a previous day Inventory Event push. Send valid Inventory Position data for previous day based on the PDT Documentation Specification and Retailer Hash Key based on the Retailer Hash Key pageOAuth2 enabled Confirm POST Inventory Event API returns 200 Status Code and a response message bearing the reference ID Send valid Inventory Position data for current day based on the PDT Documentation Specification and Retailer Hash Key based on the Retailer Hash Key pageOAuth2 enabled Send Inventory Position API with invalid data and parameters Confirm invalid error codes correspond to Integration Portal swagger documentation 	POS Provider			1 day	<input type="checkbox"/>	UAT	

B-3	POST Inventory Event API Initial Test: <ul style="list-style-type: none"> Send valid Inventory Event data for current day based on the PDT Documentation Specification and Retailer Hash Key based on the Retailer Hash Key page OAuth2 enabled Confirm POST Inventory Event API returns 200 Status Code and a response message bearing the reference ID Send Inventory Event API with invalid data and parameters Confirm invalid error codes correspond to Integration Portal swagger documentation 	POS Provider			1 day	<input type="checkbox"/>	UAT	
B-4	GET ASN API Initial Test: <ul style="list-style-type: none"> Send request with the following requirements: valid CRSA and Retailer Hash Key Dates the ASN data relates to OAuth2 enabled POS Provider to confirm able to retrieve ASN data 	POS Provider			1 day	<input type="checkbox"/>	UAT	
B-5	GET OCS Retail Item Catalogue API Initial Test: <ul style="list-style-type: none"> POS Provider to confirm able to retrieve OCS Item Catalogue 	POS Provider			1 day	<input type="checkbox"/>	UAT	
B-6	GET Inventory Position API Initial Test <ul style="list-style-type: none"> POS Provider to validate that they are able to retrieve the POST data via the GET API 	POS Provider			2 days	<input type="checkbox"/>	UAT	
B-7	GET Inventory Event API Initial Test <ul style="list-style-type: none"> POS Provider to validate that they are able to retrieve the POST data via the GET API 	POS Provider			2 days	<input type="checkbox"/>	UAT	

Data Validation and Reconciliation in UAT Environment

Task ID	Activities	Owner	Start Date	End Date	Duration	Complete	Comments
C-1	POS Provider to test all cases listed below and coordinate with OCS on remediation	POS Provider			1 – 2 weeks	<input type="checkbox"/>	
C-2	Invalid Barcode and SKU scenario: <ul style="list-style-type: none"> • Submit Invalid barcode and SKU for the same transaction on Inventory Events via POST API • Submit Invalid barcode and SKU for the same transaction on Inventory Positions via POST API • POS Provider should confirm they receive a Notification Email highlighting those Invalid barcodes and SKU • Attempt to correct the issue and resubmit with correct barcode and SKU with same Transaction ID • POS Provider should confirm they receive a Notification Email that the invalid barcode and SKU issue is resolved on the next day 	POS Provider			1 – 2 weeks	<input type="checkbox"/>	
C-3	Barcode and SKU that could not be matched scenario: <ul style="list-style-type: none"> • Submit SKU that does not match a valid barcode on Inventory Events via POST API • Submit SKU that does not match a valid barcode on Inventory Positions via POST API • POS Provider should confirm they receive a Notification Email highlighting those Invalid barcodes and SKU mismatch • Attempt to correct the issue and resubmit with correct barcode and SKU with same Transaction ID • POS Provider should confirm they receive a Notification Email that the barcode and SKU mismatch issue is resolved on the next day 	POS Provider			1 week - 2 weeks	<input type="checkbox"/>	

Task ID	Activities	Owner	Start Date	End Date	Duration	Complete	Comments
C-4	Invalid SKU transfers (Transfer to self, CRSAs outside CROL): <ul style="list-style-type: none"> • Submit Incoming Transfers with Counterparty CRSA outside the CROL (not part of) • Submit Outgoing Transfers with Counterparty CRSA outside the CROL (not part of) • POS Provider should confirm they receive a Notification Email matching these 2 scenarios of their reference data • Attempt to correct the issue and resubmit with the correct counterpart CRSAs with the same Transaction ID • POS Provider should confirm they receive a Notification Email that the Invalid SKU Transfers issue is resolved on the next day 	POS Provider			1 week - 2 weeks	<input type="checkbox"/>	
C-5	Negative Monthly Inventory: <ul style="list-style-type: none"> • Simulate Negative monthly Inventory with the following two scenarios: <ul style="list-style-type: none"> ○ Incorrect value entered causing negative inventory ○ Missed transaction causing negative inventory • To resolve incorrect value entered: <ul style="list-style-type: none"> ○ POS Provider will submit the corrected value by using the same Transaction ID • To resolve Missed transaction: <ul style="list-style-type: none"> ○ POS Provider will submit the entry by using the posted on date in the past • POS Provider should confirm they receive a Notification Email that the Negative Monthly inventory data has been resolved 	POS Provider			1 week - 2 weeks	<input type="checkbox"/>	

Task ID	Activities	Owner	Start Date	End Date	Duration	Complete	Comments
C-6	Store Transfers not Balanced: <ul style="list-style-type: none"> Simulate Store Transfers not balanced between two CRSAs within CROL POS Provider should confirm they receive a Notification Email matching the SKUs having transfers not balanced and the CRSAs involved Attempt to correct the issue with the correct store transfers quantity with the matching Transaction ID POS Provider should confirm they receive a Notification Email that the imbalanced Store Transfers are resolved on the next day 	POS Provider			1 week - 2 weeks	<input type="checkbox"/>	
C-7	Inventory Position Quantity mismatch observed SKU Quantity: <ul style="list-style-type: none"> Simulate Inventory Position Quantity not matching with the SKU Quantity on the Daily POS Provider should confirm they receive a Notification Email saying Inventory Position mismatch on observed SKU Quantity matching with their reference data Attempt to correct the issue with the correct Inventory Position Quantity with the matching Transaction ID POS Provider should confirm they receive a Notification Email that the Inventory Position Quantity mismatch are resolved on the next day 	POS Provider			1 week - 2 weeks	<input type="checkbox"/>	