

Oracle® Retail Enterprise Inventory Cloud Service Administration Guide



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Oracle Retail Enterprise Inventory Cloud Service Administration Guide, Release 24.1.301.0

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Preface

This document describes the administration tasks for Oracle Retail Enterprise Inventory Cloud Service.

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This document is intended for administrators.

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Related Documents

For more information, see the following documents in the Oracle Retail Store Inventory Operations Cloud Services Release 24.1.301.0 documentation set:

- *Oracle Retail Store Inventory Operations Cloud Services Release Notes*
- *Oracle Retail Store Inventory Operations Cloud Services Implementation Guide*
- *Oracle Retail Store Inventory Operations Cloud Services Data Model*
- *Oracle Retail Enterprise Inventory Cloud Service Inbound and Outbound Integration Guide*
- *Oracle Retail Enterprise Inventory Cloud Service Security Guide*
- *Oracle Retail Enterprise Inventory Cloud Service User Guide*
- *Oracle Retail Store Operations Cloud Service User Guide*
- *Oracle Retail Store Operations Cloud Service Mobile Guide*

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Technical Architecture

This chapter describes the overall software architecture, offering a high-level discussion of the general structure of the system.

There could be underlying version updates to the technical stack (DB 19c, Web Logic, updated versions of UI libraries, Fusion middle ware libraries and so on.)

Multiple Products

EICS (Enterprise Inventory Cloud Service) and SOCS (Store Operations Cloud Service) are two separately licensed products.

EICS includes:

- EICS Browser Client
- EICS Web Services
- EICS Server Tier
- EICS Database tier with data access code, batches, reports

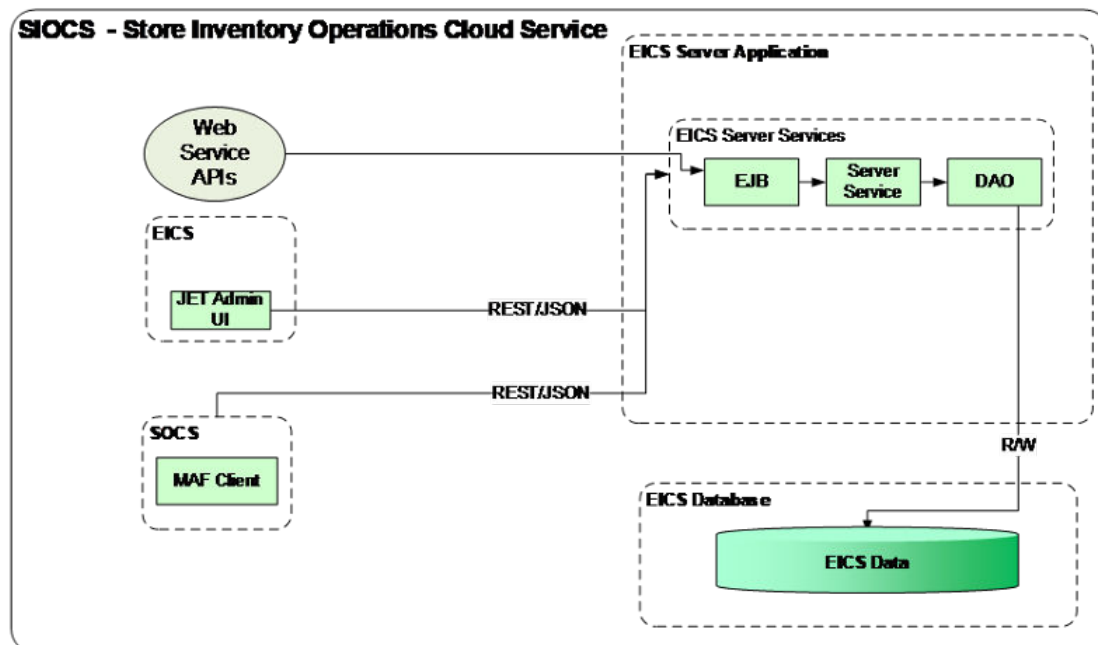
SOCS includes:

- Oracle MAF Client
- JET Mobile Client

To use SOCS, EICS needs to be deployed.

Logical Model

Figure 1-1 Logical Model



Cloud Deployment

EICS Client

Oracle JET based browser application that allows the user to perform a wide range of administrative functions.

SOCS Mobile Client

The mobile client provides all day-to-day transactional workflows within an Oracle Mobile Application Framework (MAF) platform. MAF is a hybrid-mobile platform that supports both iOS and Android devices. For more details, please see *Oracle Retail Store Operations Cloud Service Mobile Guide*.

We have also begun implementing a new JET Mobile-based client. It is available as Android-APK.

The JET Mobile client can also be run in a Web browser (with scanning constraints).

Web Services

There is no GUI for the web services APIs that are provided by EICS. These APIs allow customers to create or develop applications or add-ons that can replicate some or all the steps of a transaction workflow.

We have started providing REST web service APIs as well.

These REST APIs will be in addition to existing SOAP APIs.

Please note that once a comparable REST API is added, SOAP services will be deprecated.

WTSS / IDCS or OCI IAM

WTSS: Web Traffic Security Service

Integration Cloud Services uses Oracle Identity Cloud Service (IDCS) as its identity provider (IDP) or Oracle Cloud Infrastructure Identity and Access Management (OCI IAM) as its identity provider (IDP).

EICS Application Server(s)

Server deployed as a J2EE application inside the WebLogic Application Server.

Oracle DB Server (DBaaS)

Contains EICS schema. Uses JDBC to access data from the database.

WebLogic application server provides a connection pool to use database resources in an efficient fashion.

PL/SQL stored procedures are also used for high volume batch processing.

Client-Server Communication

Client(s) use REST service calls to access the server.

External systems may use SOAP service calls to access the server.

All transactions are container managed.

Performance is sensitive to network latency (hence compression from client to server).

Integration

Oracle Retail Integration Cloud Server (RICS) is used for integration between multiple systems within the cloud as well as deployment of public web services by EICS and other systems.

Direct DB Deployment with MFCS (No RIB/RICS)

MFCS and SIOCS now share a pluggable Database (PDB) with different schema. This is the go-forward deployment for integrating MFCS and SIOCS. In this deployment, RICS/RIB is not used. Please note that this deployment is possible when both MFCS and SIOCS are on NextGen SaaS.

If integration is with GBUCS-MFCS or on-prem-RMS then RICS/RIB would be used.

Oracle Retail Integration Bus (RIB)

The RIB is a near-real time, message based communication queue. Payloads are delivered in an asynchronous fashion between multiple systems on the enterprise in a non-blocking (fire

and forget) manner. This broadcast of notifications is subscribed to by each application interested in an event notification.

Deployment

EICS and SOCS have a distributed deployment model with browser and mobile devices running at stores, connecting with server and database hosted at corporate. The central server deployment allows real-time inventory queries for stock-on-hand positions across the enterprise but requires a fairly robust network connection between store and corporate environments.

Deployment - Performance: Bandwidth, Scaling

Bandwidth Requirements for Browser Clients

Installations with less than 128 KB bandwidth available between the device containing the browser or the mobile application and the data center are not recommended or supported. Limiting the client to less than 128 KB total available bandwidth causes unpredictable network utilization spikes, and the performance of the client degrades below requirements established for the product.

Network Latency Constraints

EICS is also sensitive to the network latency between the browser or mobile device and the data center. Oracle Retail does not recommend or support installations with more than 100 ms total round-trip network latency between the client device and the data center. Latency beyond the 100 ms limit causes unpredictable network utilization spikes, and the performance of the client degrades below requirements established for the product. The 100 ms limitation provides reasonable, predictable performance and network utilization for transactions.

Application Server Clustering

EICS supports application server clustering with a load balancer for Oracle WebLogic.

The EICS Server can run inside an application server cluster, but the load must be distributed among the nodes in the cluster.

It is also possible to configure a single application server instance with multiple JVMs inside the application server instance. When doing this, an upper limit of 1.5 to 2 JVMs per server CPU is recommended.

Clustering for Oracle WebLogic Server is also supported through a load balancer.

Database Clustering with RAC

EICS supports a RAC-enabled database for performance.

2

Data Seeding

SIOCS needs merchandising foundation data (stores, items, initial inventory positions, suppliers, and so on) to function.

Initial inventory data seeding is applicable for new or fresh full SIOCS installation. After the initial set of data is seeded into SIOCS, subsequent inventory changes are communicated via Oracle Retail Integration Cloud Service.

Data Seeding from Merchandising Foundation Cloud Service

When SIOCS and MFCS (Merchandising Foundation Cloud Service) are co-deployed in the same database Container, the data seeding process imports data from the MFCS database into the SIOCS database, and this seeding is an MDI-Based data seeding.

Standalone Data Seeding

In SIOCS standalone installation, SIOCS provides standalone data seeding to seed external data into SIOCS. See [Standalone Data Seeding](#) for details.

Transactional Data Seeding

See [Transactional Data Seeding](#) for more details.

Data Seeding from Merchandising Foundation Cloud Service

This section contains the following:

- [Overview](#)
- [When to Run Data Seeding](#)
- [Data Seeding Modules](#)
- [Data Seeding Steps](#)
- [Data Seeding MFCS-SIOCS View Mappings](#)

Overview

Merchandising Data Integration (MDI) Based Data Seeding process is seeding foundation data from a co-deployed MFCS (Merchandising Foundation Cloud Service) database into SIOCS.

Data Seeding contains 39 modules and are grouped into nine (9) groups based on dependency and functionality.

Data seeding can be used for a variety of use cases:

- Loading just the Foundation data from Merchandising
- Loading all stores data
- Loading a single store data

Table 2-1 Initial Data Loading Groups

Group Number	Data Group	Module	Description
2	Item	Item Header	Initial Data Loading Groups
2		Item CFA	Import item custom flexible attribute data.
2		Item Translation	Import item description translation data.
3		Item Image	Import item image URL data.
3		Item UDA	Import item User Defined Attribute data.
1		Item Hierarchy	Import item merchandise hierarchy data, for example, department, class and subclasses.
3		Pack Item	Import item pack item component data.
3		Related Item	Import related item type data.
4		Related Item Detail	Import related item detail data.
2		Differentiator	Import item differentiation data.
1	Miscellaneous	Differentiator Type	Import item differentiator type data, for example, color, size, and so on.
1		Transfer Zone	Import transfer zone data.
1		UDA	Import User Defined Attribute data.
2		UDA Values	Import User Defined Attribute Value data.
1		UOM Class	Import Unit Of Measure class data.
2		UOM Conversion	Import Unit Of Measure conversion data.
		Store Item Stock	Import store item stock record data. Can be run by a store, or list of stores.
5		Store	Import store data. Can be run by a store, or list of stores.
5		Store Address	Import store address data. Can be run by a store, or list of stores.
6		Store Item	Import store item data. Can be run by a store, or list of stores.
7	Store	Store Item CFA	Import store item custom defined attributes.
7		Store Item Stock	Import store item stock data.
8		Store Item Price	Import store item price data. Can be run by a store, or list of stores.
9		Store Item Price History	Import store item price history data. Can be run by a store, or list of stores.
9		Store UIN Admin Item	Import UIN admin item foundation data. Only applicable if UIN is enabled for the store. Can be run by a store, or list of stores.
4	Supplier	Item Supplier Country Dimension	Import item supplier country dimension data.
4		Item Supplier Manufacturer Country	Import item supplier manufacture country data.
4		Item Supplier Country	Import item supplier country data.
4		Item Supplier UOM	Import item supplier UOM data.

Table 2-1 (Cont.) Initial Data Loading Groups

Group Number	Data Group	Module	Description
4	Warehouse	Item Supplier	Import item supplier data.
1		Partner	Importer partner data.
1		Partner Address	Import partner address data.
		Partner Item	Import partner item data.
2		Supplier Organization Unit	Import supplier organization unit data.
1		Supplier	Import supplier data.
1		Supplier Address	Import supplier address data.
1		Supplier CFA	Import supplier custom flex attributes
1		Warehouse	Import warehouse data.
1		Warehouse Address	Import warehouse address data.
3		Warehouse Item	Import warehouse item data.

When to Run Data Seeding

Typically, data seeding on fresh installed SIOCS environment.

Data Seeding Modules

Data seeding modules are grouped into 9 data groups:

See Table 2-3 [Data Seeding MFCS-SIOCS View Mappings](#) for additional information.

Data Seeding Steps

- [Pre-requisites for Seeding from Co-Deployed MFCS](#)
- [Assign Application Roles for Initial Data Loading](#)
- [Assign Security Permissions for Initial Data Loading](#)
- [Initial Data Loading System Configuration](#)
- [Submit Seed](#)
- [View Selected Module Executions](#)
- [View Selected Module Execution Details](#)
- [Re-run Initial Data Loading](#)
- [Initial Data Loading Post Steps](#)

Pre-requisites for Seeding from Co-Deployed MFCS

Prior to running data seeding, the following requirements must be met:

- MFCS database is installed
- MFCS foundation data setup is completed

- MFCS and SIOCS are installed in the same pluggable database with different schemas

Assign Application Roles for Initial Data Loading

Users need to have the following Application roles assigned in IDCS or OCI IAM:

{SIOCS Primary APP}.admin_users for example,

RGBU_SIOCS_CFS_EICS.admin_users

{SIOCS Primary APP}.batch_users for example,

RGBU_SIOCS_CFS_EICS.batch_users

Assign Security Permissions for Initial Data Loading

Table 2-2 Security Permissions for Initial Data Loading

Name	Description
Access Initial Data Load	With this permission the user will have access to the Initial Data Load screen. Without this permission the user will not have access to the Initial Data Load screen.
Submit Initial Data Load	With this permission the user will have the permission to submit seed. Without this permission, the Submit Seed button will be disabled for the user.
Delete Initial Data Load	With this permission the user will have the permission to delete seeded data. Without this permission, the Delete Seed button will be disabled for the user.

Initial Data Loading System Configuration

To seed initial inventory foundation data from sourcing system directly into destination application tables, an application implementation consultant must perform the following configuration steps:

Login SIOCS Application as a user who are assigned proper app roles and security permissions, see App Roles and Security Permission Section for details.

To seed data from co-deployed Merchandising data integration shared database, set system configuration values as shown below:

1. Set **Initial Data Load Seed** to **Yes**.
2. Set **Initial Seed Foundation** to **Yes**.
3. Set **Initial Data Load Seed Foundation Data** to **Yes**.

Submit Seed

To start the initial data loading, perform following steps:

1. Login SIOCS Application as app admin user.
2. Navigate to Admin - Technical Maintenance - Initial Data Loading Screen.

Figure 2-1 Initial Data Loading Screen

Initial Data Load

Select Stores | Total Selected: 0

Module List

Refresh Submit Seed Delete Data

Module	Execution Group	Data Group	Last Action	Last Status	Last Request Time	Last End Time	Current Record Count
Filter	Filter	Filter	Filter	Completed	Filter	Filter	Filter
Item Header	2	Item	Seed	Completed	1/21/22 7:19:40 AM	1/21/22 7:19:42 AM	249
Item Translation	2	Item	Seed	Completed	1/21/22 7:19:15 AM	1/21/22 7:19:17 AM	0
Merchandise Hierarchy	1	Item	Seed	Completed	1/19/22 2:02:30 PM	1/19/22 2:02:32 PM	75

- Filter the modules by execution group, start with group 1.
- Select the module group, then click **Submit Seed** button.

Note:

To run data seeding for store related groups, user will need to select sourcing stores using **Select Store** button.

- Once modules for selected group are completed, then proceed to the next group.

View Selected Module Executions

To view data loading log for the selected module:

- Click the executed module record from the module list panel.
- Scroll down to the **Executions** panel to view execution details for the selected module.

Figure 2-2 Initial Data Loading Execution Panel

Executions

Grid View

ID	Action	Module	Stores	Pending Stores	Status	Start Time	End Time
Filter	Seed	Filter	Filter	Filter	Completed	1/19/22	Filter
2404	Seed	Merchandise Hierarchy	0	0	Completed	1/19/22 2:02:30 PM	1/19/22 2:02:32 PM

View Selected Module Execution Details

To view data loading execution details:

- Click the executed module record from the module list panel.
- Select record in the **Execution** panel.
- Click the ID link to navigate to the **Execution Detail** screen.

Figure 2-3 Initial Data Loading Execution Details Screen

PRE-PROD Store Inventory Operations Cloud Service 101 - COIT-Boston Store					
Execution ID: 2404					
Back View Log Table Icon					
Module	Store	Data Set ID	Status	Before Count	After Count
Filter	Filter	Filter	Filter	Filter	Filter
Merchandise Hierarchy			Completed	0	75

Re-run Initial Data Loading

In the event of failures, you may need to re-run the data seeding after correcting the errors.

To re-run data seeding:

1. Select the module, then click the **Delete Data** button.
2. After delete process to complete, select the module, then click **Submit Seed** button.

Initial Data Loading Post Steps

1. Verify data seeded into SIOCS application tables without error.
2. Set **Initial Data Load Seed** to **No**.
3. Set **Initial Seed Foundation** to **No**.
4. Set **Initial Data Load Seed Foundation Data** to **No**.

Note:

For stores which need to be rolled out by phases, the value can be set back to **Yes** before loading another set of stores and set to **No** after all stores are seeded from sourcing system.

Data Seeding MFCS-SIOCS View Mappings

Table 2-3 Data Seeding MFCS-SIOCS View Mappings

Seeding Module	SIOCS Target Table	SIOCS View	MFCS ¹
Differentiator Type	DIFFERENTIATOR_TY PE	IDLV_DIFFERENTIATOR_TY PE	V_RMS_SIM_DIFF_TYPE
Differentiator Item	DIFFERENTIATOR ITEM	IDLV_DIFFERENTIATOR ITEM	V_RMS_SIM_DIFF V_RMS_SIM_ITEM_MASTE R
Item CFA	ITEM_CFA	IDLV_ITEM_CFA	V_RMS_SIM_ITEM_MASTE R_CFA_EXT

Table 2-3 (Cont.) Data Seeding MFCS-SIOCS View Mappings

Seeding Module	SIOCS Target Table	SIOCS View	MFCS ¹
Item Description Translation	ITEM_DESCRIPTION	IDLV_ITEM_DESCRIPTION	V_RMS_SIM_ITEM_MASTE R_TL
Item Image	ITEM_IMAGE,ITEM ²	IDLV_ITEM_IMAGE,IDLV_IT EM	V_RMS_SIM_ITEM_IMAGE
Item Supp Country Dim	SUPPLIER_ITEM_CO UNTRY_DIM	IDLV_SUPPLIER_ITEM_CO UNTRY_DIM	V_RMS_SIM_ITEM_SUPP_ CTRY_DIM
Item Supp Man. Country	SUPPLIER_ITEM_MA NUFACTURE	IDLV_SUPPLIER_ITEM_MA NUFACTURE	V_RMS_SIM_ITEM_SUPP_ MANU_CTRY
Item Supp Country	SUPPLIER_ITEM_CO UNTRY	IDLV_SUPPLIER_ITEM_CO UNTRY	V_RMS_SIM_ITEM_SUPP_ CTRY
Item Supplier	SUPPLIER_ITEM	IDLV_SUPPLIER_ITEM	V_RMS_SIM_ITEM_SUPPLI ER
Item Supplier UOM	SUPPLIER_ITEM_UO M	IDLV_SUPPLIER_ITEM_UO M	V_RMS_SIM_ITEM_SUPP_ UOM
Item UDA	ITEM_UDA	IDLV_ITEM_UDA	V_RMS_SIM_UDA_ITEM_D ATE V_RMS_SIM_UDA_ITEM_F F V_RMS_SIM_UDA_ITEM_L OV
Merch Hier	ITEM_HIERARCHY	IDLV_ITEM_HIER	V_RMS_SIM_MERCH_HIE R
Pack Item	ITEM_COMPONENT	IDLV_ITEM_COMPONENT	V_RMS_SIM_PACKITEM
Partner	PARTNER	IDLV_PARTNER	V_RMS_SIM_EXTERNAL_F INISHER
Partner Address	ADDRESS	IDLV_ADDRESS	V_RMS_SIM_ADDR
Partner Item	PARTNER_ITEM	IDLV_PARTNER_ITEM	V_RMS_SIM_ITEM_LOC (loc_type = 'E' --external finisher)
Partner Org Unit	SUPPLIER_ORGANIZ ATION	IDLV_SUPPLIER_ORGANIZ ATION	V_RMS_SIM_PARTNER_O RG_UNIT
Price History	ITEM_PRICE_HISTOR Y	IDLV_STORE_ITEM_PRICE _HIST	V_RMS_SIM_PRICE_HIST
Related Item	RELATED_ITEM_TYPE	IDLV_RELATED_ITEM_TYP E	V_RMS_SIM_RELATED_IT EM_HEAD
Related Item Detail	RELATED_ITEM	IDLV_RELATED_ITEM	V_RMS_SIM_RELATED_IT EM_DETAIL
Store	STORE	IDLV_STORE	V_RMS_SIM_STORE
Store Address	ADDRESS	IDLV_ADDRESS	V_RMS_SIM_ADDR
Store Item	STORE_ITEM	IDLV_STORE_ITEM	V_RMS_SIM_STORE_ITEM V_RMS_SIM_REPL_ITEM_ LOC
Store Uin Admin Item	STORE_UIN_ADMIN_I TEM	IDLV_STORE_UIN_ADMIN_I TEM	V_RMS_SIM_STORE_ITEM
Store Item CFA	STORE_ITEM_CFA	IDLV_STORE_ITEM_CFA	V_RMS_SIM_ITEM_LOC_C FA_EXT

Table 2-3 (Cont.) Data Seeding MFCS-SIOCS View Mappings

Seeding Module	SIOCS Target Table	SIOCS View	MFCS ¹
Store Item Price	ITEM_PRICE	IDLV_STORE_ITEM_PRICE	V_RMS_SIM_STORE_ITEM
Store Item Stock	STORE_ITEM_STOCK	IDLV_STORE_ITEM_STOCK	V_RMS_SIM_STORE_ITEM
	STORE_ITEM_STOCK_NONSELL	IDLV_STORE_ITEM_STOCK_NONSELL	_SOH
Supplier	SUPPLIER	IDLV_SUPPLIER	V_RMS_SIM_SUPS
Supplier CFA	SUPPLIER_CFA	IDLV_SUPPLIER_CFA	V_RMS_SIM_SUPS_CFA_EXT
Supplier Address	ADDRESS	IDLV_ADDRESS	V_RMS_SIM_ADDR
Transfer Zone	STORE_TRANSFER_ZONE	IDLV_TRANSFER_ZONE	V_RMS_SIM_TSFZONE
UDA	UDA	IDLV_UDA	V_RMS_SIM_UDA
UDA LOV	UDA LOV	IDLV_UDA_LOV	V_RMS_SIM_UDA_VALUES
UOM Class	UOM_CLASS	IDLV_UOM_CLASS	V_RMS_SIM_UOM_CLASS
UOM Conversion	UOM_CONVERSION	IDLV_UOM_CONVERSION	V_RMS_SIM_UOM_CONVERSION
Warehouse	WAREHOUSEWAREHOUSE_VIRTUAL	IDLV_WAREHOUSE	V_RMS_SIM_WH
		IDLV_WAREHOUSE_VIRTUAL	
Warehouse Address	ADDRESS	IDLV_ADDRESS	V_RMS_SIM_ADDR
Warehouse Item	WAREHOUSE_ITEM	IDLV_WAREHOUSE_ITEM	V_RMS_SIM_ITEM_LOC (loc_type = 'W')

¹MFCS view: only applicable for data seeding source is MFCS on a co-deployed Oracle PDB.

²ITEM: if imported item image records contain images which have image_size_code of 'T', then ITEM table will also be updated with the concatenation of IMAGE_URL and IMAGE_NAME as the THUMBNAIL_URL for the item (if there are multiple thumbnail images for the same item, then the one with the lowest display sequence will be used).

Standalone Data Seeding

This section contains the following:

- [Overview](#)
- [System Admin Parameters](#)
- [Initial Data Loading Process](#)
- [Data Seeding Modules](#)
- [File Layouts](#)
- [Supported Locales](#)

Overview

Data seeding in a SIOCS Standalone installation is achieved by uploading data in CSV (comma-separated values) files to Object Storage via FTS (File Transfer Service). The Initial Foundation Data File Import and Initial Store Data File Import batch jobs then download the relevant files from Object Storage (see [Data Seeding Modules](#)) and import the data into SIOCS.

The Initial Data Load UI (see [Data Seeding from Merchandising Foundation Cloud Service](#)) can be re-used in a SIOCS Standalone installation to view the status of each Data Seeding Module (see below), view any errors associated with the processing of files for that module, and to Delete Data for that module.



Note:

The **Submit Seed** button will be disabled in a SIOCS Standalone installation: data seeding will be initiated by running the **Initial Foundation Data File Import** and **Initial Store Data File Import** batch jobs from the Job Admin UI (see [Batches](#)).

System Admin Parameters

Table 2-4 System Admin Parameters

Option	Description	Default Value	Topic	Type
Initial Data Load Seed	Determines if data seeding is enabled.	No	Admin	Boolean
Initial Data Load Seed Foundation Data	Determines if data seeding of foundation data is enabled.	No	Admin	Boolean
Initial Data Load Seed Store Data	Determines if data seeding of store data is enabled. Yes: Store Data will be available for data seeding. No: Store Data will not be available for data seeding.	No	Admin	Boolean
Initial Data Load Fail Limit	The maximum number of errors to ignore before processing of a file is terminated.	0	Batch	Integer
Initial Data Load Chunk Log Limit	The maximum number of errors to log when processing a file - this value should be greater than the Initial Data Load Fail Limit.	10	Batch	Integer
Initial Data Load Chunk Limit	The maximum number of records to insert into the DB in a single batch update.	1000	Batch	Integer

Initial Data Loading Process

1. Set the **Initial Data Load Seed** and **Initial Data Load Seed Foundation Data** options to **Yes**.
2. Upload the relevant foundation data files to the **imports** folder in Object Storage via FTS.
3. Run the **Initial Foundation Data File Import** batch job: the batch job will download the foundation data files from Object Storage, parse the files and insert the data into the staging tables, merge/upsert the data from the staging tables into the SIOCS master tables, upload any failed files/records to the **rejects** folder, and any successful files/records to the **archives** folder, in Object Storage.
4. Wait for the batch job to finish then check the Job Execution (Job Admin UI) and Execution Detail (Initial Data Load UI) screens for any errors. If the number of errors exceeds the **Initial Data Load Fail Limit** the entire file will be rejected and uploaded to the **rejects** folder in Object Storage. If the number of errors does not exceed the **Initial Data Load Fail Limit**, the erroneous records will be uploaded to the **rejects** folder, and the successful records to the **archives** folder in Object Storage.

 Note:

For performance reasons, the batch job will zip any files > 10 MB before uploading to Object Storage.

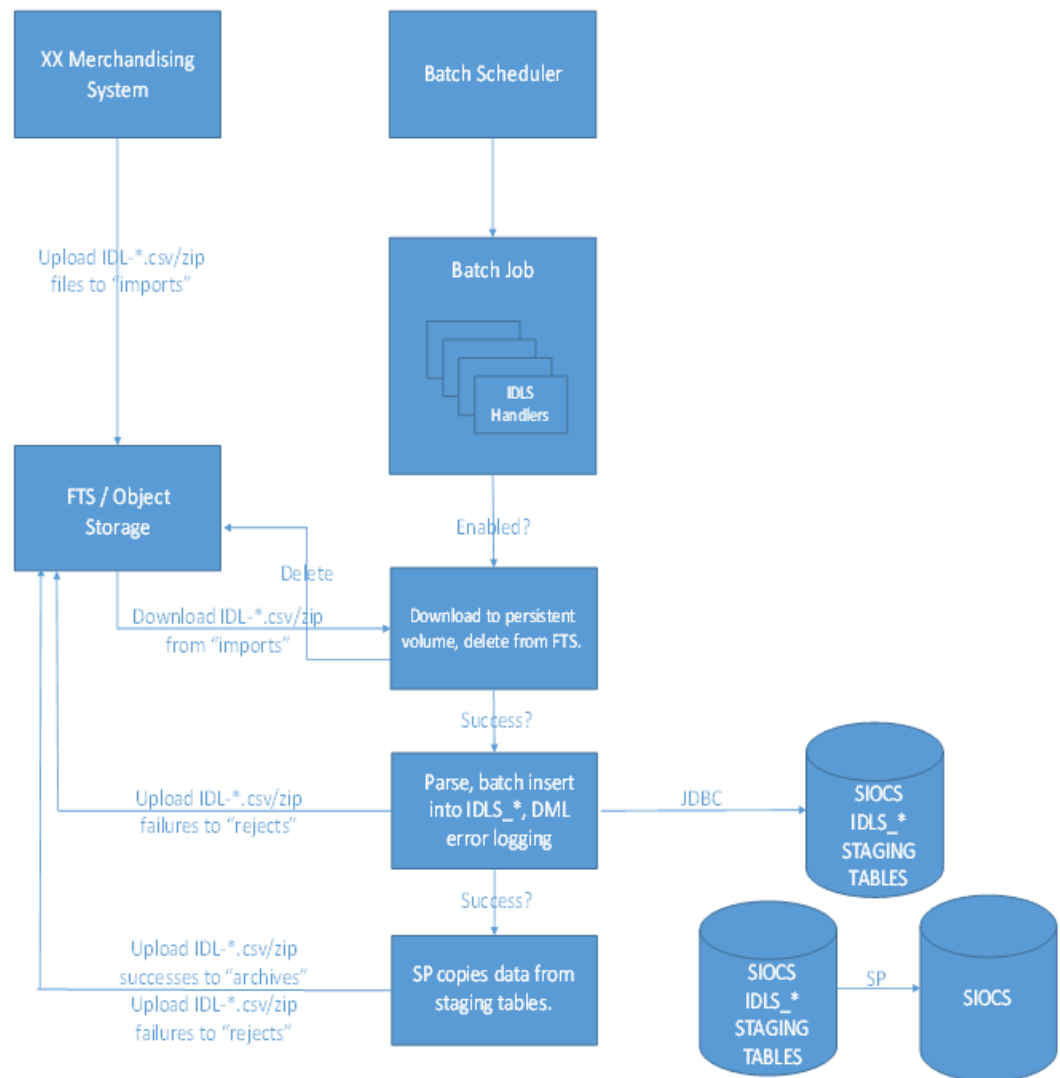
5. Correct any errors and repeat steps 2 to 4 until there are no errors and all the foundation data has been imported.

 Note:

It is not necessary to delete data for a module before re-importing data for that module: the batch job uses a merge/upsert when copying data from the staging tables to the SIOCS master tables.

6. Set the **Initial Data Load Seed Foundation Data** option to **No** and the **Initial Data Load Seed Store Data** option to **Yes**.
7. Upload the relevant store data files to the **imports** folder in Object Storage via FTS.
8. Run the **Initial Store Data File Import** batch job: the batch job follows the same flow as the **Initial Foundation Data File Import** batch job but for store data.
9. Wait for the batch job to finish then check the Job Execution (Job Admin UI) and Execution Detail (Initial Data Load UI) screens for any errors.
10. Correct any errors and repeat steps 7 to 9 until there are no errors and all the store data has been imported.
11. Set the **Initial Data Load Seed** and **Initial Data Load Seed Store Data** options to **No**.

Figure 2-4 High Level Flow



Data Seeding Modules

Data seeding modules are grouped into 5 data groups:

Table 2-5 Initial Data Loading Groups

Data Group	Module	Description
Item	Item	Item data.
	Item CFA	Item custom flexible attribute data.
	Item Component	Pack item component data.
	Item Description	Item description data.
	Item Hierarchy	Item merchandise hierarchy data, for example, department, class and subclasses.
	Item Image	Item image URL data.
	Item UDA	Item user defined attribute data.

Table 2-5 (Cont.) Initial Data Loading Groups

Data Group	Module	Description
Miscellaneous	Related Item	Related item detail data.
	Related Item Type	Related item type data.
	Differentiator	Item differentiation data.
	Differentiator Type	Item differentiation type data, such as style, color, size, and so on.
	Transfer Zone	Transfer zone data.
	UDA	User defined attribute data.
	UDA LOV	User defined attribute list of values data.
	UOM Class	Unit of measure class data.
Store	UOM Conversion	Unit of measure conversion data.
	Store	Store data.
	Store Address	Store address data.
	Store Item	Store item data.
	Store Item CFA	Store item custom flexible attribute data.
	Store Item Price	Store item price data.
	Store Item Price History	Store item price history data.
	Store Item Stock	Store item stock record data.
Supplier	Store UIN Admin Item	Store UIN (Unique Identification Number) admin item data.
	Partner	Partner data.
	Partner Address	Partner address data.
	Partner Item	Partner item data.
	Supplier	Supplier data.
	Supplier Address	Supplier address data.
	Supplier CFA	Supplier custom flexible attribute data.
	Supplier Item	Supplier item data.
	Supplier Item Country	Supplier item country data.
	Supplier Item Country Dimension	Supplier item country dimension data.
	Supplier Item Manufacturer	Supplier item country manufacture data.
	Supplier Organization	Supplier organization unit data.
	Supplier UOM	Supplier UOM data.
Warehouse	Warehouse	Warehouse data.
	Warehouse Address	Warehouse address data.
	Warehouse Item	Warehouse item data.

The data for the Miscellaneous, Item, Supplier and Warehouse data group modules are imported by the Initial Foundation Data File Import batch job. The data for the Store data group modules are imported by the Initial Store Data File Import batch job. All foundation data should be imported prior to importing any store data. Due to referential integrity constraints (see [File Layouts](#)) the batch jobs process the data in the order shown above (for example, the Supplier Item module cannot be imported prior to the Supplier and Item modules, and the Item module

cannot be imported prior to the Item Hierarchy module); as such the files for each module should be uploaded to Object Storage and imported in a similar order (or all at the same time). To import data for a group of Stores, upload all the data for those Stores to Object Storage, then run the Initial Store Data File Import batch job. To import data for a single Store, upload all the data for that Store to Object Storage, then run the Initial Store Data File Import batch job. Alternatively, the Initial Store Data File Import batch job can be run for a single Store by entering the Store ID in the Job Admin UI and adding the Store ID to the corresponding filename(s) (vide infra).

File Layouts

All files should be in CSV (comma-separated values) format, with either a ".csv" or ".dat" filename extension. The batch jobs also support zipped files which will be extracted upon download and processed individually. Empty or blank fields within a record will be considered null. String fields containing a comma or double quote must be quoted (with double quotes), a double quote in a field must be represented by 2 double quote characters. Line breaks within quoted fields are not supported. The filename format is IDL-[MODULENAME]-XXXX.csv(/dat/zip). Files contained within .zip files must adhere to the same filename format. To run the Initial Store Data File Import batch job for a particular Store, the filename format is IDL-[MODULENAME]-[STOREID]-XXXX.csv(/dat/zip). Any files which do not adhere to the filename format will not be downloaded or processed. Files > 500MB will be rejected: the file should be split into smaller files and uploaded as a .zip file. It is recommended to not edit the .csv files in Excel as this can lead to formatting issues.

The file layout for each module is described below:

Differentiator File

Table 2-6 Differentiator File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the differentiator.	Yes	VARCHAR2 (10)
DESCRIPTION	The description of the differentiator.	Yes	VARCHAR2 (255)
DIFF_TYPE_ID	The unique identifier of the differentiator type - this references the ID column in the DIFFERENTIATOR_TYPE table.	No	VARCHAR2 (10)

Example CSV File

IDL-DIFFERENTIATOR-*.csv

1,DESCRIPTION FOR DIFFERENTIATOR 1,1

Differentiator Type File

Table 2-7 Differentiator Type File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the differentiator type.	Yes	VARCHAR2 (10)
DESCRIPTION	The description of the differentiator type.	Yes	VARCHAR2 (255)

Example CSV File

IDL-DIFFERENTIATOR.TYPE-*.csv

1,DESCRIPTION FOR DIFFERENTIATOR TYPE 1

Item CFA File

Table 2-8 Item CFA File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - this references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
NAME	The name of the custom flex attribute - forms the primary key together with the ITEM_ID field.	Yes	VARCHAR2 (30)
VALUE	The value of the custom flex attribute.	No	VARCHAR2 (250)
VALUE_DATE	The date value of the custom flex attribute in "yyyy-MM-dd" format.	No	DATE

Example CSV File

IDL-ITEMCFA-*.csv

2,Name 2,Value 2,

3,Name 3,,2021-10-06

Item Component File

Table 2-9 Item Component File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the pack item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
COMPONENT_ITEM_ID	The unique identifier of the component item - references the ITEM_ID column in the ITEM table and forms the primary key together with the ITEM_ID field.	Yes	VARCHAR2 (25)
QUANTITY	The quantity of the component item in the pack item.	Yes	NUMBER (12, 4)

Example CSV File

IDL-ITEMCOMPONENT-*.csv

1,11,1.11

Item Description File

Table 2-10 Item Description File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the pack item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
LOCALE_ID	The unique identifier of the locale - references the ID column in the TRANSLATION_LOCALE table and forms the primary key together with the ITEM_ID field - see Supported Locales .	Yes	NUMBER (12, 0)
DESCRIPTION	The description of the item.	Yes	VARCHAR2 (255)
SHORT_DESCRIPTION	The short description of the item.	Yes	VARCHAR2 (250)
SECONDARY_DESCRIPTION	The secondary description of the item.	No	VARCHAR2 (250)
LOCALE_LANGUAGE	The ISO 3166 language code - references the LANGUAGE column in the TRANSLATION_LOCALE table - see Supported Locales .	Yes	VARCHAR2 (6)
LOCALE_DESCRIPTION	The description of the locale.	No	VARCHAR2 (120)

Example CSV File

IDL-ITEMDESCRIPTION-*.csv

1,1,Description 1,Short Description 1,Secondary Description 1,en,English

Item File

Table 2-11 Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item	Yes	VARCHAR2 (25)
ITEM_TYPE	The type of item - 0 (Item), 15 (Simple Pack), 20 (Complex Pack), 25 (Simple Breakable Pack) or 30 (Complex Breakable Pack).	Yes	NUMBER (2, 0)
DEPARTMENT_ID	The department identifier - references the DEPARTMENT_ID column in the ITEM_HIERARCHY table.	No	NUMBER (12, 0)
CLASS_ID	The class identifier - references the CLASS_ID column in the ITEM_HIERARCHY table.	No	NUMBER (12, 0)
SUBCLASS_ID	The subclass identifier - references the SUBCLASS_ID column in the ITEM_HIERARCHY table.	No	NUMBER (12, 0)
SHORT_DESCRIPTION	The short description of the item.	No	VARCHAR2 (255)

Table 2-11 (Cont.) Item File Layout

Field Name	Description	Required	Type
LONG_DESCRIPTION	The long description of the item.	No	VARCHAR2 (400)
DIFFERENTIATOR_1	The identifier of the first differentiator of the item.	No	VARCHAR2 (10)
DIFFERENTIATOR_2	The identifier of the second differentiator of the item.	No	VARCHAR2 (10)
DIFFERENTIATOR_3	The identifier of the third differentiator of the item.	No	VARCHAR2 (10)
DIFFERENTIATOR_4	The identifier of the fourth differentiator of the item.	No	VARCHAR2 (10)
STATUS	The status of the item - ' ' (None), A (Active), C (Discontinued), I (Inactive), D (Deleted), Q (Auto-stocked) or N (Non-ranged).	No	VARCHAR2 (1)
ORDER_AS_TYPE	Indicates if a pack item is receivable at the component level or at the pack level (for a buyer pack only).	No	VARCHAR2 (1)
PARENT_ITEM_ID	The unique identifier of the parent item.	No	VARCHAR2 (25)
TRANSACTION_LEVEL	Number indicating which of the three levels transactions occur for the item's group.	No	NUMBER
ITEM_LEVEL	Number indicating which of the three levels the item resides.	No	NUMBER
SELLABLE	Flag indicating if the item may be sold as a unit - Y or N.	Yes	VARCHAR2 (1)
ORDERABLE	Flag indicating if the item may be ordered from a supplier - Y or N.	Yes	VARCHAR2 (1)
PACKAGE_UNIT_OF_MEASURE	The unit of measure associated with the package size.	No	VARCHAR2 (4)
PACKAGE_SIZE	The size of the product printed on any packaging.	No	NUMBER (12, 4)
UNIT_OF_MEASURE	The unit of measure.	Yes	VARCHAR2 (4)
CASE_SIZE	The default number of items that are contained in a case.	No	NUMBER (12, 4)
BARCODE_FORMAT	The barcode format for the item.	No	VARCHAR2 (4)
BARCODE_PREFIX	The barcode prefix for the item.	No	NUMBER (9, 0)
TICKET_TYPE_CODE	The ticket type code for the item.	No	VARCHAR2 (6)
EACH_TO_UOM_FACTOR	The conversion factor between an "Each" and the standard unit of measure.	No	NUMBER (20, 10)
WASTE_TYPE	Identifies the wastage type as either sales or spoilage wastage - SL (sales) or SP (spoilage).	No	VARCHAR2 (6)
WASTE_PERCENT	Average percent of wastage for the item over its shelf life.	No	NUMBER (12, 4)
WASTE_PERCENT_DEFAULT	Default daily wastage percent for spoilage type wastage items.	No	NUMBER (12, 4)
ESTIMATE_SOH_FOR_PACK	Indicates if a notional simple pack item's inventory should be displayed in packs - Y or N.	Yes	VARCHAR2 (1)

Table 2-11 (Cont.) Item File Layout

Field Name	Description	Required	Type
RETAIL_ZONE_ID	The unique identifier of the retail pricing strategy associated with the item.	No	VARCHAR2 (128)
IS_PRIMARY	Flag indicating if the sub-transaction level item is designated as the primary sub-transaction level item - Y or N.	No	VARCHAR2 (1)
BRAND	The brand associated with the item.	No	VARCHAR2 (30)
MANU_SUGGESTED_RETAIL_PRICE	The manufacturer's recommended retail price for the item.	No	NUMBER (12, 4)
MANU_SUGGESTED_RETAIL_CURRENCY	The ISO 4217 currency code of the manufacturer's retail price.	No	VARCHAR2 (3)
INVENTORIALBLE	Flag indicating if the item is inventoriable - Y or N.	Yes	VARCHAR2 (1)
SHIP_ALONE	Flag indicating if the item should be shipped to the customer as a separate package - Y or N.	No	VARCHAR2 (1)
BRAND_DESCRIPTION	The description of the brand associated with the item.	No	VARCHAR2 (120)

Example CSV File

IDL-ITEM-*.csv

```
1,0,1,1,1,SHORT_DESC,LONG_DESC,1,2,3,4,A,N,4,1,3,Y,N,kg,12345678.1234,kg,1,UPCA,2
2,TT,1,SL,33.33,16.66,Y,RETAIL_ZONE_ID,N,BRAND,4.99,GBP,Y,N,BRAND_DESC
```

Item Hierarchy File

Table 2-12 Item Hierarchy File Layout

Field Name	Description	Required	Type
DEPARTMENT_ID	The department identifier.	No	NUMBER (12, 0)
DEPARTMENT_NAME	The name of the department.	No	VARCHAR2 (360)
CLASS_ID	The class identifier.	No	NUMBER (12, 0)
CLASS_NAME	The name of the class.	No	VARCHAR2 (360)
SUBCLASS_ID	The subclass identifier.	No	NUMBER (12, 0)
SUBCLASS_NAME	The name of the subclass.	No	VARCHAR2 (360)
STATUS	The status of the item hierarchy - A (Active) or D (Deleted).	Yes	VARCHAR2 (1)

The unique key comprises the DEPARTMENT_ID, CLASS_ID and SUBCLASS_ID fields.

Example CSV File

IDL-ITEMHIERARCHY-*.csv

```
1,Department 1,1,Class 1,1,Subclass 1,A
```

Item Image File

Table 2-13 Item Image File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the pack item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
DISPLAY_SEQUENCE	The display sequence order of images associated to the item.	Yes	NUMBER (2, 0)
IMAGE_URL	The URL of the item image.	Yes	VARCHAR2 (1000)
IMAGE_NAME	The name of the item image - forms a unique key together with the ITEM_ID field.	Yes	VARCHAR2 (120)
IMAGE_SIZE_CODE	The type of item image. Valid values are defined as members of IITD code type - T (Thumbnail), H (High), M (Medium) or L (Low). If imported item image records contain images which have image_size_code of 'T', then ITEM table will also be updated with the concatenation of IMAGE_URL and IMAGE_NAME as the THUMBNAIL_URL for the item (if there are multiple thumbnail images for the same item, then the one with the lowest display sequence will be used).	Yes	VARCHAR2 (6)

Example CSV File

IDL-ITEMIMAGE-*.csv

1,99,http://somewhere.com/someimage1.gif,Image1.gif,T

Item UDA File

Table 2-14 Item UDA File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
UDA_ID	The unique identifier of the user defined attribute - references the ID column in the UDA table and forms a unique key along with the ITEM_ID field.	Yes	NUMBER (5, 0)
UDA_DATE	The value, in 'yyyy-MM-dd HH:mm:ss' format, for DT (Date) user defined attributes.	No	DATE
UDA_TEXT	The value for FF (Text) user defined attributes.	No	VARCHAR2 (250)
UDA_VALUE	The value for LOV (List of Values) user defined attributes.	No	VARCHAR2 (25)

Example CSV File

IDL-ITEMUDA-*.csv

1,1,2021-10-01 12:34:56,FF1,LOV1

Partner Address File

Table 2-15 Partner Address File Layout

Field Name	Description	Required	Type
EXTERNAL_ID	The external identifier of the address.	Yes	VARCHAR2 (25)
PARTNER_ID	The unique identifier of the partner - forms a unique key together with the EXTERNAL_ID field.	Yes	NUMBER (10, 0)
ADDRESS_TYPE	The type of address - 01 (Business), 02 (Postal), 03 (Returns), 04 (Order), 05 (Invoice), 06 (Remittance), 07 (Billing), 08 (Delivery) or 09 (External).	Yes	VARCHAR2 (2)
IS_PRIMARY	Flag indicating if this is the primary address - Y or N.	Yes	VARCHAR2 (1)
ADDRESS_LINE_1	The first line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_2	The second line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_3	The third line of the address.	No	VARCHAR2 (240)
CITY	The city.	No	VARCHAR2 (120)
STATE	The state.	No	VARCHAR2 (3)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code.	No	VARCHAR2 (3)
POSTAL_CODE	The postal code.	No	VARCHAR2 (30)
CONTACT_NAME	The contact name.	No	VARCHAR2 (120)
CONTACT_PHONE	The contact phone number.	No	VARCHAR2 (20)
CONTACT_FAX	The contact fax number.	No	VARCHAR2 (20)
CONTACT_EMAIL	The contact email address.	No	VARCHAR2 (100)
COUNTY	The county.	No	VARCHAR2 (250)

Example CSV File

IDL-PARTNERADDR-*.csv

1,1,01,Y,Line 1,Line 2,Line 3,City,MN,USA,Postcode,Contact
Name,Contact_Phone,Contact_Fax,Contact_Email,County

Partner File

Table 2-16 Partner File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the partner.	Yes	NUMBER (10, 0)
NAME	The name of the partner.	No	VARCHAR2 (240)

Table 2-16 (Cont.) Partner File Layout

Field Name	Description	Required	Type
CURRENCY_CODE	The ISO 4217 currency code of the partner.	No	VARCHAR2 (3)
LOCALE_ID	The locale identifier of the partner - see Supported Locales .	No	NUMBER (6)
STATUS	The status of the partner - A (Active) or I (Inactive).	No	VARCHAR2 (1)
CONTACT_NAME	The contact name.	No	VARCHAR2 (120)
CONTACT_PHONE	The contact phone number.	No	VARCHAR2 (20)
CONTACT_FAX	The contact fax number.	No	VARCHAR2 (20)
CONTACT_TELEX	The contact telex number.	No	VARCHAR2 (20)
CONTACT_EMAIL	The contact email address.	No	VARCHAR2 (100)
MANUFACTURER_ID	The manufacturer's tax identification number.	No	VARCHAR2 (18)
PRINCIPAL_COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code to which the partner is assigned.	No	VARCHAR2 (3)
TAX_ID	The unique tax identification number of the partner.	No	VARCHAR2 (18)
PAYMENT_TERMS	The payment terms of the partner.	No	VARCHAR2 (20)
IMPORT_COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code of the Import Authority.	No	VARCHAR2 (3)
IMPORT_PRIMARY	Flag that indicates if an Import Authority is the primary Import Authority for an import country - Y or N.	No	VARCHAR2 (1)
ORGANIZATION_UNIT_ID	The organization unit identifier of the partner.	No	VARCHAR2 (15)
VALUE_ADDED_TAX_REGION	The VAT region of the partner.	No	VARCHAR2 (20)
TRANSFER_ENTITY_ID	The transfer entity identifier of the partner.	No	VARCHAR2 (20)

Example CSV File

IDL-PARTNER-*.csv

1,Partner 1,GBP,1,A,Contact Name 1,Contact Phone 1,Contact Fax 1,Contact Telex 1,Contact Email 1,Manufacturer ID 1,GB,123456789012345678,Payment Terms 1,US,Y,Org Unit ID 1,VAT Region 1,Transfer Entity ID 1

Partner Item File

Table 2-17 Partner Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
PARTNER_ID	The unique identifier of the partner - this references the ID column in the PARTNER table and forms the primary key together with the ITEM_ID field.	Yes	NUMBER (10, 0)
STATUS	The status of the item - ' ' (None), A (Active), C (Discontinued), I (Inactive), D (Deleted), Q (Auto-stocked) or N (Non-ranged).	No	VARCHAR2 (2)

Example CSV File

IDL-PARTNERITEM-*.csv

1,1,A

Related Item File

Table 2-18 Related Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR(25)
RELATIONSHIP_ID_EXTERNAL	The external identifier of the relationship type.	Yes	NUMBER (20, 0)
RELATIONSHIP_NAME	The name of the relationship type.	No	VARCHAR2 (120)
RELATIONSHIP_TYPE	The relationship type - RLTD (Related), SUBS (Substitute), UPSL (Upsell) or CSSL (Crosssell).	Yes	VARCHAR2 (6)
MANDATORY_IND	Flag indicating if the relationship is mandatory - Y or N.	Yes	VARCHAR2 (1)
RELATED_ITEM_ID	The unique identifier of the related item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
PRIORITY_NUMBER	The priority when there are multiple relationships.	No	NUMBER (4, 0)
EFFECTIVE_DATE	The effective date of the relationship in "yyyy-MM-dd HH:mm:ss" format.	No	DATE
END_DATE	The end date of the relationship in "yyyy-MM-dd HH:mm:ss" format.	No	DATE

The primary key comprises the ITEM_ID, RELATIONSHIP_ID_EXTERNAL and RELATED_ITEM_ID fields.

Example CSV File

IDL-RELATEDITEM-*.csv

1,1,Related,RLTD,N,11,9999,2021-10-01 12:34:56,2021-11-01 12:34:56

Related Item Type File

Table 2-19 Related Item Type File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
RELATIONSHIP_ID_EXTERNAL	The external identifier of the relationship type - forms the primary key together with the ITEM_ID field.	Yes	NUMBER (20, 0)
RELATIONSHIP_NAME	The name of the relationship type.	No	VARCHAR2 (120)
RELATIONSHIP_TYPE	The relationship type - RLTD (Related), SUBS (Substitute), UPSL (Upsell) or CSSL (Crosssell).	Yes	VARCHAR2 (6)
MANDATORY_IND	Flag indicating if the relationship is mandatory - Y or N.	Yes	VARCHAR2 (1)

Example CSV File

IDL-RELATEDITEMTYPE-*.csv

1,1,Related,RLTD,N

Store Address File

Table 2-20 Store Address File Layout

Field Name	Description	Required	Type
EXTERNAL_ID	The external identifier of the address.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store - forms a unique key together with the EXTERNAL_ID field.	Yes	NUMBER (10, 0)
ADDRESS_TYPE	The type of address - 01 (Business), 02 (Postal), 03 (Returns), 04 (Order), 05 (Invoice), 06 (Remittance), 07 (Billing), 08 (Delivery) or 09 (External).	Yes	VARCHAR2 (2)
IS_PRIMARY	Flag indicating if this is the primary address - Y or N.	Yes	VARCHAR2 (1)
ADDRESS_LINE_1	The first line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_2	The second line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_3	The third line of the address.	No	VARCHAR2 (240)

Table 2-20 (Cont.) Store Address File Layout

Field Name	Description	Required	Type
CITY	The city.	No	VARCHAR2 (120)
STATE	The state.	No	VARCHAR2 (3)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code.	No	VARCHAR2 (3)
POSTAL_CODE	The postal code.	No	VARCHAR2 (30)
CONTACT_NAME	The contact name.	No	VARCHAR2 (120)
CONTACT_PHONE	The contact phone number.	No	VARCHAR2 (20)
CONTACT_FAX	The contact fax number.	No	VARCHAR2 (20)
CONTACT_EMAIL	The contact email address.	No	VARCHAR2 (100)
COUNTY	The county.	No	VARCHAR2 (250)

Example CSV File

IDL-STOREADDR-*.csv

1,1,01,Y,Line 1,Line 2,Line 3,City,MN,USA,Postcode,Contact
Name,Contact_Phone,Contact_Fax,Contact_Email,County

Store File

Table 2-21 Store File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the store.	Yes	NUMBER (10,0)
NAME	The name of the store.	Yes	VARCHAR2 (150)
ORGANIZATION_UNIT_ID	The organization unit identifier of the store.	No	VARCHAR2 (15)
LOCALE_LANGUAGE	The ISO 3166 language to which the store is assigned - see Supported Locales .	No	VARCHAR2 (3)
LOCALE_COUNTRY	The ISO 3166 2- (or 3-) letter country code to which the store is assigned.	No	VARCHAR2 (3)
OPEN_DATE	The date on which the store opened in 'yyyy-MM-dd' format.	No	DATE
CLOSE_DATE	The date on which the store closed in 'yyyy-MM-dd' format.	No	DATE
TOTAL_SQUARE_FEET	The total square footage of the store.	No	NUMBER (9,2)
SELLING_SQUARE_FEET	The total square footage of the store's selling area.	No	NUMBER (9,2)
CURRENCY_CODE	The ISO 4217 currency code of the store.	No	VARCHAR2 (40)
TRANSFER_ZONE_ID	The transfer zone identifier.	No	VARCHAR2 (128)
SIM_STORE	Flag indicating if the store is using the SIM application - Y or N.	No	VARCHAR2 (1)

Table 2-21 (Cont.) Store File Layout

Field Name	Description	Required	Type
TIMEZONE	The time zone of the store.	Yes	VARCHAR2 (80)
CUSTOMER_OR DER_LOC_IND	Flag indicating if the store is a customer order location - Y or N.	Yes	VARCHAR2 (1)

Example CSV File

IDL-STORE-*.csv

1,Store 1,Org Unit ID,en,GB,2001-01-01,2030-12-31,20,10,GBP,1,Y,GMT,Y

Store Item CFA File

Table 2-22 Store Item CFA File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - this references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store - this references the ID column in the STORE table.	Yes	NUMBER (10, 0)
NAME	The name of the custom flex attribute.	Yes	VARCHAR2 (30)
VALUE	The value of the custom flex attribute.	No	VARCHAR2 (250)
VALUE_DATE	The date value of the custom flex attribute in "yyyy-MM-dd" format.	No	DATE

The primary key comprises the ITEM_ID, STORE_ID and NAME fields.

Example CSV File

IDL-STOREITEMCFA-*.csv

2,1,Name 2,Value 2,

3,1,Name 3, ,2021-10-06

Store Item File

Table 2-23 Store Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store - this references the ID column in the STORE table and forms the primary key together with the ITEM_ID field.	Yes	NUMBER (10, 0)

Table 2-23 (Cont.) Store Item File Layout

Field Name	Description	Required	Type
ITEM_TYPE	The type of store item - 0 (Item), 15 (Simple Pack), 20 (Complex Pack), 25 (Simple Breakable Pack) or 30 (Complex Breakable Pack).	Yes	VARCHAR2 (255)
SHORT_DESCRIPTION	The short description of the store item.	No	VARCHAR2 (255)
LONG_DESCRIPTION	The long description of the store item.	No	VARCHAR2 (400)
STATUS	The status of the store item - '' (None), A (Active), C (Discontinued), I (Inactive), D (Deleted), Q (Auto-stocked) or N (Non-ranged).	No	VARCHAR2 (20)
STATUS_DATE	The date that the status of the store item was updated in 'yyyy-MM-dd' format.	No	DATE
DEFAULT_CURRENCY	The default ISO 4217 currency code of the store item.	Yes	VARCHAR2 (3)
PRIMARY_SUPPLIER_ID	The identifier of the primary supplier of the store item - this references the ID column in the SUPPLIER table.	No	NUMBER (10, 0)
NEXT_DELIVERY_DATE	The next delivery date of the store item in 'yyyy-MM-dd' format.	No	DATE
UIN_REQUIRED	Flag to indicate if a UIN (unique identification number) is required for the store item - Y or N.	No	VARCHAR2 (1)
REPLENISHMENT_TYPE	The replenishment method for the store item - SO (Store Order).	No	VARCHAR2 (6)
REJECT_STORE_ORDER	Flag indicating if uploaded store orders should be rejected for the store item - Y or N.	No	VARCHAR2 (1)
STORE_CONTROL_PRICING	Flag indicating if the store can modify the item's price - Y or N.	No	VARCHAR2 (1)
MULTIPLE_DELIVERY_PER_DAY	Flag indicating if the store item is replenished multiple times per day - Y or N.	No	VARCHAR2 (1)
RFID	Flag indicating if the store item is RFID tagged - Y or N.	Yes	VARCHAR2 (1)
CONSIGNMENT_TYPE	The consignment type of the store item - 5 (Consignment) or 10 (Concession).	No	NUMBER (2, 0)

Example CSV File

IDL-STOREITEM-*.csv

1,1,0,Short Desc 1,Long Desc 1,A,2022-01-14,GBP,1,2022-01-31,N,SO,N,Y,Y,N,10

Store Item Price File

Table 2-24 Store Item Price File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - this references the ITEM_ID column in the STORE_ITEM table.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store - this references the STORE_ID column in the STORE_ITEM table.	Yes	NUMBER (10, 0)
EFFECTIVE_DATE	The date that the item price becomes effective in 'yyyy-MM-dd HH:mm:ss' format.	No	DATE
END_DATE	The date that the item price is no longer valid in 'yyyy-MM-dd HH:mm:ss' format.	No	DATE
PRICE_TYPE	The item price type - 202 (Permanent/Regular), 201 (Promotional) or 200 (Clearance).	Yes	NUMBER (3, 0)
STORE_REQUESTED	Flag indicating if the item price was requested by the store - Y or N.	Yes	VARCHAR2 (1)
STATUS	The status of the item price - 0 (New), 1 (Pending), 2 (Approved), 3 (Completed), 4 (Rejected), 5 (Ticket List), 6 (Active), 7 (Extract Failed), 9 (Deleted) or 99 (Default).	Yes	NUMBER (2, 0)
PROMOTION_ID	The identifier of the promotion.	No	NUMBER (10, 0)
PROMOTION_COMPONENT_ID	The identifier of the promotion component.	No	NUMBER (10, 0)
MULTI_UNITS	The number of units involved in the multi-unit pricing of the item price.	No	NUMBER (12, 4)
MULTI_UNIT_RETAIL_CURRENCY	The ISO 4217 currency code of the multi-unit price.	No	VARCHAR2 (3)
MULTI_UNIT_RETAIL	The value of the multi-unit price.	No	NUMBER (20, 4)
MULTI_UNIT_UNIT_OF_MEASURE	The unit of measure of the multi-unit price.	No	VARCHAR2 (4)
MULTI_UNIT_CHANGE	Flag indicating if the multi-unit price has changed - Y or N.	Yes	VARCHAR2 (1)
SELLING_UNIT_CHANGE	Flag indicating if the item price has changed - Y or N.	Yes	VARCHAR2 (1)
PROMOTION_NAME	The name of the promotion.	No	VARCHAR2 (160)
PROMOTION_DESCRIPTION	The description of the promotion.	No	VARCHAR2 (640)
PROMOTION_COMPONENT_NAME	The name of the promotion component.	No	VARCHAR2 (160)
RESET_CLEARANCE_ID	The clearance reset identifier.	No	NUMBER (15, 0)
PROMO_COMPONENT_TYPE	The promotion component type - 0 (Complex), 1 (Simple), 2 (Threshold), 3 (Credit) or 4 (Threshold).	No	NUMBER (2, 0)

Table 2-24 (Cont.) Store Item Price File Layout

Field Name	Description	Required	Type
REGULAR_PRICE_CHANGE_ID	The identifier of the regular price change.	No	NUMBER (15, 0)
CLEARANCE_ID	The identifier of the clearance price change.	No	NUMBER (15, 0)
PROMO_COMP_DTL_ID	The identifier of the promotion component detail.	No	NUMBER (15, 0)
PROMO_DURATION_TYPE	The promotion duration type - 1 (All Day), 2 (Partial Day) or 3 (Multiple Day).	No	NUMBER (2, 0)
PRICE_VALUE	The value of the item price.	Yes	NUMBER (20, 4)
PRICE_CURRENCY	The ISO 4217 currency code of the item price.	No	VARCHAR2 (3)
PRICE_UNIT_OF_MEASURE	The unit of measure of the item price.	No	VARCHAR2 (4)
EXT_PRICE_EVENT_ID	The external price event identifier.	No	NUMBER (12, 0)

For Permanent/Regular (202) Item Prices the unique key comprises the ITEM_ID, STORE_ID, PRICE_TYPE and REGULAR_PRICE_CHANGE_ID fields. For Promotional (201) Item Prices the unique key comprises the ITEM_ID, STORE_ID, PRICE_TYPE, PROMOTION_ID, PROMOTION_COMP_ID and PROMO_COMP_DTL_ID fields. For Clearance (200) Item Prices the unique key comprises the ITEM_ID, STORE_ID, PRICE_TYPE and CLEARANCE_ID fields.

Example CSV File

IDL-STOREITEMPRICE-*.csv

```
1,1,2021-10-06 12:34:56,2021-10-06
12:34:56,202,N,6,,,1,GBP,2469,kg,Y,N,,,,,1,,,1234.5678,GBP,kg,1111

1,1,2021-10-07 12:34:56,2021-10-07 12:34:56,201,N,6,1,1,1,GBP,2469,g,Y,N,Promo
Name,Promo Desc,Promo Comp Name,,1,,,1,3,1234.5678,GBP,g,3333

1,1,2021-10-08 12:34:56,2021-10-08
12:34:56,200,N,6,,,1,GBP,2469,lb,Y,N,,,,,1,,,1,1234.5678,GBP,lb,5555
```

Store Item Price History File

Table 2-25 Store Item Price History File Layout

Field Name	Description	Required	Type
ITEM_PRICE_ID	The identifier of the item price.	No	NUMBER (12, 0)
ITEM_ID	The unique identifier of the item.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store.	Yes	NUMBER (10, 0)
EFFECTIVE_DATE	The date that the item price becomes effective in 'yyyy-MM-dd HH:mm:ss' format.	No	DATE
END_DATE	The date that the item price is no longer valid in 'yyyy-MM-dd HH:mm:ss' format.	No	DATE

Table 2-25 (Cont.) Store Item Price History File Layout

Field Name	Description	Required	Type
PRICE_TYPE	The item price type - 202 (Permanent/Regular), 201 (Promotional) or 200 (Clearance).	Yes	NUMBER (3, 0)
STORE_REQUESTED	Flag indicating if the item price was requested by the store - Y or N.	Yes	VARCHAR2 (1)
PROMOTION_ID	The identifier of the promotion.	No	NUMBER (10, 0)
PROMOTION_COMP_ID	The identifier of the promotion component.	No	NUMBER (10, 0)
MULTI_UNITS	The number of units involved in the multi-unit pricing of the item price.	No	NUMBER (12, 4)
MULTI_UNIT_RETAIL_CURRENCY	The ISO 4217 currency code of the multi-unit price.	No	VARCHAR2 (3)
MULTI_UNIT_RETAIL	The value of the multi-unit price.	No	NUMBER (20, 4)
MULTI_UNIT_UOM	The unit of measure of the multi-unit price.	No	VARCHAR2 (4)
MULTI_UNIT_CHANGE	Flag indicating if the multi-unit price has changed - Y or N.	Yes	VARCHAR2 (1)
SELLING_UNIT_CHANGE	Flag indicating if the item price has changed - Y or N.	Yes	VARCHAR2 (1)
PROMOTION_NAME	The name of the promotion.	No	VARCHAR2 (160)
PROMOTION_DESCRIPTION	The description of the promotion.	No	VARCHAR2 (640)
PROMOTION_COMP_NAME	The name of the promotion component.	No	VARCHAR2 (160)
RESET_CLEARANCE_ID	The clearance reset identifier.	No	NUMBER (15, 0)
PROMO_COMP_TYPE	The promotion component type - 0 (Complex), 1 (Simple), 2 (Threshold), 3 (Credit) or 4 (Threshold).	No	NUMBER (2, 0)
REGULAR_PRICE_CHANGE_ID	The identifier of the regular price change.	No	NUMBER (15, 0)
CLEARANCE_ID	The identifier of the clearance price change.	No	NUMBER (15, 0)
PROMO_COMP_DTL_ID	The identifier of the promotion component detail.	No	NUMBER (15, 0)
PROMO_DURATION_TYPE	The promotion duration type - 1 (All Day), 2 (Partial Day) or 3 (Multiple Day).	No	NUMBER (2, 0)
PRICE_VALUE	The value of the item price.	Yes	NUMBER (20, 4)
PRICE_CURRENCY	The ISO 4217 currency code of the item price.	No	VARCHAR2 (3)
PRICE_UNIT_OF_MEASURE	The unit of measure of the item price.	No	VARCHAR2 (4)

For Permanent/Regular (202) Item Prices the unique key comprises the ITEM_ID, STORE_ID, PRICE_TYPE and REGULAR_PRICE_CHANGE_ID fields. For Promotional (201) Item Prices the unique key comprises the ITEM_ID, STORE_ID, PRICE_TYPE, PROMOTION_ID, PROMOTION_COMP_ID and PROMO_COMP_DTL_ID fields. For Clearance (200) Item Prices the unique key comprises the ITEM_ID, STORE_ID, PRICE_TYPE and CLEARANCE_ID fields.

Example CSV File

IDL-STOREITEMPRICEHIST-*.csv

```

1,1,1,2021-10-06 12:34:56,2021-10-06
12:34:56,202,N,,,1,GBP,2469,kg,Y,N,,,,,1,,,1234.5678,GBP,kg

3,1,1,2021-10-07 12:34:56,2021-10-07 12:34:56,201,N,1,1,1,GBP,2469,g,Y,N,Promo
Name,Promo Desc,Promo Comp Name,,1,,1,3,1234.5678,GBP,g

5,1,1,2021-10-08 12:34:56,2021-10-08
12:34:56,200,N,,,1,GBP,2469,lb,Y,N,,,,,1,,,1234.5678,GBP,lb

```

Store Item Stock File**Table 2-26 Store Item Stock File Layout**

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - this references the ITEM_ID column in the STORE_ITEM table.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store - this references the STORE_ID column in the STORE_ITEM table and forms the primary key together with the ITEM_ID field.	Yes	NUMBER (10, 0)
QUANTITY_TOTAL	The total quantity of the item that is sellable.	Yes	NUMBER (12, 4)
QUANTITY_RESERVED	The reserved quantity of the item.	Yes	NUMBER (12, 4)
QUANTITY_CUSTOMER_RESERVE	The quantity of the item reserved for customers.	Yes	NUMBER (12, 4)
QUANTITY_IN_TRANSIT	The in transit quantity of the item.	Yes	NUMBER (12, 4)
QUANTITY_VENDOR_RETURN	The vendor return quantity of the item.	Yes	NUMBER (12, 4)
QUANTITY_NON_SELLABLE	The non-sellable quantity of the item.	Yes	NUMBER (12, 4)

All records in this file will be used to populate the STORE_ITEM_STOCK table. Records where the QUANTITY_NON_SELLABLE field is non-zero will be used to populate the STORE_ITEM_STOCK_NONSELL table.

If active transactions are going to be data seeding through transactional data seeding, then the QUANTITY_RESERVED and QUANTITY_IN_TRANSIT values should remain zero. These values will be calculated as the transactions are loaded through transactional data seeding.

Example CSV File

IDL-STOREITEMSTOCK-*.csv

```

1,1,1.1,1.2,1.3,1.4,1.5,1.6

```

Store UIN Admin Item File

Table 2-27 Store UIN Admin Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - this references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
STORE_ID	The unique identifier of the store - this references the ID column in the STORE table and forms the primary key together with the ITEM_ID field.	Yes	NUMBER (10, 0)
UIN_TYPE	The UIN (Unique Identification Number) type - 1 (Serial Number) or 2 (Auto-generated Serial Number).	Yes	NUMBER (2, 0)
UIN_LABEL_ID	The UIN label identifier - SN (Serial Number), IM (IMEI), LN (License Number), PN (Plate Number) or SIN (SIN).	Yes	VARCHAR2 (3)
CAPTURE_TIME_ID	The time to capture the UIN - 1 (Sales) or 2 (Store Receiving).	No	NUMBER (2, 0)
EXTERNAL_CREATE_ALLOWED	Flag to indicate if the UIN can be created externally - Y or N.	No	VARCHAR2 (1)
TICKET_FORMAT_ID	The ticket format identifier.	No	NUMBER (10, 0)

Example CSV File

```
IDL-STOREUINADMINITEM-*.csv
1,1,1,SN,1,N,1
```

Supplier Address File

Table 2-28 Supplier Address File Layout

Field Name	Description	Required	Type
EXTERNAL_ID	The external identifier of the address.	Yes	VARCHAR2 (25)
SUPPLIER_ID	The unique identifier of the supplier - forms a unique key together with the EXTERNAL_ID field.	Yes	NUMBER (10, 0)
ADDRESS_TYPE	The type of address - 01 (Business), 02 (Postal), 03 (Returns), 04 (Order), 05 (Invoice), 06 (Remittance), 07 (Billing), 08 (Delivery) or 09 (External).	Yes	VARCHAR2 (2)
IS_PRIMARY	Flag indicating if this is the primary address - Y or N.	Yes	VARCHAR2 (1)
ADDRESS_LINE_1	The first line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_2	The second line of the address.	No	VARCHAR2 (240)

Table 2-28 (Cont.) Supplier Address File Layout

Field Name	Description	Required	Type
ADDRESS_LINE_3	The third line of the address.	No	VARCHAR2 (240)
CITY	The city.	No	VARCHAR2 (120)
STATE	The state.	No	VARCHAR2 (3)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code.	No	VARCHAR2 (3)
POSTAL_CODE	The postal code.	No	VARCHAR2 (30)
CONTACT_NAME	The contact name.	No	VARCHAR2 (120)
CONTACT_PHONE	The contact phone number.	No	VARCHAR2 (20)
CONTACT_FAX	The contact fax number.	No	VARCHAR2 (20)
CONTACT_EMAIL	The contact email address.	No	VARCHAR2 (100)
COUNTY	The county.	No	VARCHAR2 (250)

Example CSV File

IDL-SUPPLIERADDR-*.csv

1,1,01,Y,Line 1,Line 2,Line 3,City,MN,USA,Postcode,Contact
Name,Contact_Phone,Contact_Fax,Contact_Email,County

Supplier CFA File

Table 2-29 Supplier CFA File Layout

Field Name	Description	Required	Type
SUPPLIER_ID	The unique identifier of the supplier - this references the ID column in the SUPPLIER table.	Yes	NUMBER (10, 0)
NAME	The name of the custom flex attribute - forms the primary key together with the SUPPLIER_ID field.	Yes	VARCHAR2 (30)
VALUE	The value of the custom flex attribute.	No	VARCHAR2 (250)
VALUE_DATE	The date value of the custom flex attribute in "yyyy-MM-dd" format.	No	DATE

Example CSV File

IDL-SUPPLIERCFA-*.csv

2,Name 2,Value 2,

3,Name 3,,2021-10-06

Supplier File

Table 2-30 Supplier File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the supplier.	Yes	NUMBER (10, 0)
DUNS_NUMBER	The Dun and Bradstreet number to identify the supplier.	No	VARCHAR2 (9)
NAME	The name of the supplier.	No	VARCHAR2 (240)
STATUS	The status of the supplier - A (Active) or I (Inactive).	No	VARCHAR2 (1)
LOCALE_LANGUAGE	The ISO 3166 language to which the supplier is assigned - see Supported Locales .	No	VARCHAR2 (3)
LOCALE_COUNTRY	The ISO 3166 2- (or 3-) letter country code to which the supplier is assigned.	No	VARCHAR2 (3)
CURRENCY_CODE	The ISO 4217 currency code of the supplier.	No	VARCHAR2 (3)
RETURN_ALLOWED	Flag indicating if the supplier will accept returns - Y or N.	No	VARCHAR2 (1)
AUTHORIZATION_REQUIRED	Flag indicating if returns must be accompanied by an authorization number - Y or N.	No	VARCHAR2 (1)
PO_CREATE_ALLOWED	Flag indicating if purchase orders can be created - Y or N.	No	VARCHAR2 (1)
VENDOR_CHECK	Flag indicating if orders from this supplier will require vendor control - Y or N.	No	VARCHAR2 (1)
VENDOR_CHECK_PERCENT	The percentage of items per receipt that will be marked for vendor checking.	No	NUMBER (12, 4)
PARENT_ID	The identifier of the parent supplier.	No	VARCHAR2 (128)
QUANTITY_LEVEL	The supplier order quantity level - CA (Case) or EA (Each).	Yes	VARCHAR2 (6)
TAX_ID	The unique tax identification number of the supplier.	No	VARCHAR2 (18)
DELIVERY_DISCREPANCY_TYPE	The delivery discrepancy type - 0 (Allow), 1 (Overage) or 2 (Restricted).	No	NUMBER (2, 0)

Example CSV File

IDL-SUPPLIER-*.csv

1,1111,Supplier 1,A,en,GB,GBP,Y,N,Y,Y,12345678.1234,Parent Of 1,CA,1234,0

Supplier Item Country File

Table 2-31 Supplier Item Country File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item.	Yes	VARCHAR2 (25)
SUPPLIER_ID	The unique identifier of the supplier.	Yes	NUMBER (10, 0)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code.	Yes	VARCHAR2 (3)
CASE_SIZE	The default number of items within a case from the supplier.	No	NUMBER (12, 4)
UNIT_COST_CURRENCY	The unit cost currency of the item for that supplier in that country.	No	VARCHAR2 (3)
UNIT_COST_VALUE	The unit cost of the item for that supplier in that country.	No	NUMBER (12, 4)

The primary key comprises the ITEM_ID, SUPPLIER_ID and COUNTRY_ID fields.

Example CSV File

IDL-SUPPLIERITEMCOUNTRY-*.csv

1,1,GB,12345678.9012,GBP,11111111.1111

Supplier Item Country Dimension File

Table 2-32 Supplier Item Country Dimension File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the SUPPLIER_ITEM_COUNTRY table.	Yes	VARCHAR2 (25)
SUPPLIER_ID	The unique identifier of the supplier - references the SUPPLIER_ID column in the SUPPLIER_ITEM_COUNTRY table.	Yes	NUMBER (10, 0)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code - references the COUNTRY_ID column in the SUPPLIER_ITEM_COUNTRY table.	Yes	VARCHAR2 (3)
DIMENSION_OBJECT	The dimension object.	Yes	VARCHAR2 (6)
PRESENTATION_METHOD	The packaging (if any) being taken into consideration in the specified dimensions.	No	VARCHAR2 (6)
LENGTH	The length of the dimension object.	No	NUMBER (12, 4)
WIDTH	The width of the dimension object.	No	NUMBER (12, 4)
HEIGHT	The height of the dimension object.	No	NUMBER (12, 4)
DIMENSION_UNIT	The unit of measurement for length, width and height.	No	VARCHAR2 (4)
WEIGHT	The weight of the dimension object.	No	NUMBER (12, 4)
NET_WEIGHT	The net weight of the dimension object.	No	NUMBER (12, 4)

Table 2-32 (Cont.) Supplier Item Country Dimension File Layout

Field Name	Description	Required	Type
WEIGHT_UOM	The unit of measurement for weight.	No	VARCHAR2 (4)
LIQUID_VOLUME	The liquid volume or capacity of the dimension object.	No	NUMBER (12, 4)
LIQUID_VOLUME_UOM	The unit of measurement for liquid volume.	No	VARCHAR2 (4)
STATISTICAL_CU BE	The statistical value of the dimension object's dimensions to be used for loading purposed.	No	NUMBER (12, 4)

The primary key comprises the ITEM_ID, SUPPLIER_ID, COUNTRY_ID and DIMENSION_OBJECT fields.

Example CSV File

IDL-SUPPLIERITEMCOUNTRYDIM-*.csv

1,1,GB,CASE,BARE,1,1,1,M,1,1,1,0.01,KG,0.1,ML,1

Supplier Item File

Table 2-33 Supplier Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
SUPPLIER_ID	The unique identifier of the supplier - this references the ID column in the SUPPLIER table and forms the primary key together with the ITEM_ID field.	Yes	NUMBER (10, 0)
VENDOR_PROD UCT_NUMBER	The vendor product number.	No	VARCHAR2 (256)
IS_PRIMARY	Flag indicating if the supplier is the primary supplier for this item - Y or N.	No	VARCHAR2 (3)

Example CSV File

IDL-SUPPLIERITEM-*.csv

1,1,1,Y

Supplier Item Manufacture File

Table 2-34 Supplier Item Manufacture File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)

Table 2-34 (Cont.) Supplier Item Manufacture File Layout

Field Name	Description	Required	Type
SUPPLIER_ID	The unique identifier of the supplier - references the ID column in the SUPPLIER table.	Yes	NUMBER (10, 0)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code.	Yes	VARCHAR2 (3)
IS_PRIMARY	Flag indicating if this is the primary country of manufacture - Y or N.	No	VARCHAR2 (1)

The primary key comprises the ITEM_ID, SUPPLIER_ID and COUNTRY_ID fields.

Example CSV File

```
IDL-SUPPLIERITEMMANUFACTURE-*.csv
1,1,GB,Y
```

Supplier Item UOM File

Table 2-35 Supplier Item UOM File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - this references the ITEM_ID column in the SUPPLIER_ITEM table.	Yes	VARCHAR2 (25)
SUPPLIER_ID	The unique identifier of the supplier - this references the SUPPLIER_ID column in the SUPPLIER_ITEM table.	Yes	NUMBER (10, 0)
UNIT_OF_MEASURE	The unit of measure - this references the UOM column in the UOM_CLASS table.	Yes	VARCHAR2 (4)
VALUE	The equivalent value of the item/suppliers shipping carton in the associated unit of measure.	Yes	NUMBER (20, 4)

The primary key comprises the ITEM_ID, SUPPLIER_ID and UNIT_OF_MEASURE fields.

Example CSV File

```
IDL-SUPPLIERITEMUOM-*.csv
1,1,g,1234567890123456.7890
```

Supplier Organization File

Table 2-36 Supplier Organization File Layout

Field Name	Description	Required	Type
SUPPLIER_ID	The unique identifier of the supplier - this references the ID column in the SUPPLIER table.	Yes	NUMBER (10, 0)

Table 2-36 (Cont.) Supplier Organization File Layout

Field Name	Description	Required	Type
ORGANIZATION_UNIT_ID	The organization unit identifier - forms a unique key together with the SUPPLIER_ID field.	Yes	VARCHAR2 (15)

Example CSV File

IDL-SUPPLIERORGANIZATION-*.csv

1,Org 1

Transfer Zone File

Table 2-37 Transfer Zone File Layout

Field Name	Description	Required	Type
TRANSFER_ZONE	The unique identifier of the transfer zone.	Yes	VARCHAR2 (128)
DESCRIPTION	The description of the transfer zone.	Yes	VARCHAR2 (255)

Example CSV File

IDL-TRANSFERZONE-*.csv

1,DESCRIPTION FOR TRANSFER ZONE 1

UDA File

Table 2-38 UDA File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the user defined attribute.	Yes	NUMBER (5, 0)
TYPE	The type of user defined attribute - FF, DT or LV.	Yes	VARCHAR2 (2)
DESCRIPTION	The description of the user defined attribute.	Yes	VARCHAR2 (120)
PRINT_TICKET	Flag indicating if item tickets should be printed for this user defined attribute - Y or N.	Yes	VARCHAR2 (1)
PRINT_LABEL	Flag indicating if item labels should be printed for this user defined attribute - Y or N.	Yes	VARCHAR2 (1)

Example CSV File

IDL-UDA-*.csv

1,FF,DESCRIPTION FOR 1,Y,Y

UDA LOV File

Table 2-39 UDA LOV File Layout

Field Name	Description	Required	Type
UDA_ID	The unique identifier of the user defined attribute - this references the ID column in the UDA table.	Yes	NUMBER (5, 0)
LOV_ID	The identifier for the LV (List of Values) user defined attribute value - forms the primary key together with the UDA_ID field.	Yes	VARCHAR2 (25)
DESCRIPTION	The description of the user defined attribute value.	Yes	VARCHAR2 (250)

Example CSV File

IDL-UDALOV-*.csv

3,LOV_1,DESCRIPTION FOR LOV_1

UOM Class File

Table 2-40 UOM Class File Layout

Field Name	Description	Required	Type
UOM	The unique identifier of the unit of measure.	Yes	VARCHAR2 (4)
UOM_CLASS	The type of unit of measure - AREA, DIMEN, LVOL, MASS, MISC, PACK, QTY or VOL.	Yes	VARCHAR2 (6)
DESCRIPTION	The description of the unit of measure.	Yes	VARCHAR2 (120)

Example CSV File

IDL-UOMCLASS-*.csv

g,MASS,DESCRIPTION FOR 'GRAM'

UOM Conversion File

Table 2-41 UOM Conversion File Layout

Field Name	Description	Required	Type
FROM_UOM	The unit of measure to convert from - this references the UOM column in the UOM_CLASS table.	Yes	VARCHAR2 (4)
TO_UOM	The unit of measure to convert to - this references the UOM column in the UOM_CLASS table and forms the primary key together with the FROM_UOM field.	Yes	VARCHAR2 (4)
FACTOR	The factor to apply when converting the unit of measure.	Yes	NUMBER (20, 10)

Example CSV File

IDL-UOMCONVERSION-*.csv

g,lb,453.592

Warehouse Address File**Table 2-42 Warehouse Address File Layout**

Field Name	Description	Required	Type
EXTERNAL_ID	The external identifier of the address.	Yes	VARCHAR2 (25)
SUPPLIER_ID	The unique identifier of the warehouse - forms a unique key together with the EXTERNAL_ID field.	Yes	NUMBER (10, 0)
ADDRESS_TYPE	The type of address - 01 (Business), 02 (Postal), 03 (Returns), 04 (Order), 05 (Invoice), 06 (Remittance), 07 (Billing), 08 (Delivery) or 09 (External).	Yes	VARCHAR2 (2)
IS_PRIMARY	Flag indicating if this is the primary address - Y or N.	Yes	VARCHAR2 (1)
ADDRESS_LINE_1	The first line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_2	The second line of the address.	No	VARCHAR2 (240)
ADDRESS_LINE_3	The third line of the address.	No	VARCHAR2 (240)
CITY	The city.	No	VARCHAR2 (120)
STATE	The state.	No	VARCHAR2 (3)
COUNTRY_ID	The ISO 3166 2- (or 3-) letter country code.	No	VARCHAR2 (3)
POSTAL_CODE	The postal code.	No	VARCHAR2 (30)
CONTACT_NAME	The contact name.	No	VARCHAR2 (120)
CONTACT_PHONE	The contact phone number.	No	VARCHAR2 (20)
CONTACT_FAX	The contact fax number.	No	VARCHAR2 (20)
CONTACT_EMAIL	The contact email address.	No	VARCHAR2 (100)
COUNTY	The county.	No	VARCHAR2 (250)

Example CSV File

IDL-WAREHOUSEADDR-*.csv

1,1,01,Y,Line 1,Line 2,Line 3,City,MN,USA,Postcode,Contact Name,Contact_Phone,Contact_Fax,Contact_Email,County

Warehouse Class File

Table 2-43 Warehouse File Layout

Field Name	Description	Required	Type
ID	The unique identifier of the warehouse.	Yes	NUMBER (10, 0)
NAME	The name of the warehouse.	Yes	VARCHAR2 (150)
ORGANIZATION_UNIT_ID	The organization unit identifier of the warehouse.	No	VARCHAR2 (15)
LOCALE_COUNTRY	The ISO 3166 2- (or 3-) letter country code.	No	VARCHAR2 (3)
CURRENCY_CODE	The ISO 4217 currency code of the warehouse.	No	VARCHAR2 (40)
PHYSICAL_WH	The identifier of the physical warehouse corresponding to the warehouse.	Yes	NUMBER (10, 0)
PRIMARY_VWH	The identifier of the primary virtual warehouse corresponding to the warehouse.	No	NUMBER (10, 0)
NAME_SECONDARY	The secondary name of the warehouse.	No	VARCHAR2 (150)
STOCKHOLDING_IND	Flag indicating if the warehouse is a stock holding location.	No	VARCHAR2 (1)
DUNS_NUMBER	The Dun and Bradstreet number to identify the location.	No	VARCHAR2 (9)
DUNS_LOC	The Dun and Bradstreet number to identify the location.	No	VARCHAR2(4)
TSF_ENTITY_ID	The transfer entity identifier of the warehouse.	No	NUMBER (10, 0)
INBOUND_HANDLING_DAYS	The number of days that the warehouse requires to receive any item and get it to the shelf so that it is ready to pick.	No	NUMBER (2, 0)
CHANNEL_ID	The channel identifier of the warehouse.	No	NUMBER (4, 0)
CHANNEL_NAME	The name of the channel.	No	VARCHAR2 (120)
FINISHER_IND	Flag indicating if the warehouse is a finisher - Y or N.	No	VARCHAR2 (1)
EMAIL	The email address of the warehouse.	No	VARCHAR2 (100)

All records in this file will be used to populate the WAREHOUSE_VIRTUAL (Virtual Warehouse) table. Records where the ID and PHYSICAL_WH match will be used to populate the WAREHOUSE (Physical Warehouse) table with a subset of the fields: ID, NAME, ORGANIZATION_UNIT_ID, LOCALE_COUNTRY and CURRENCY_CODE.

Example CSV File

IDL-WAREHOUSE-*.csv

```
1,Virtual Warehouse 1,Org Unit ID 1,GB,GBP,1,11,Secondary Name 1,Y,D&B NUM
1,LOC1,1234567890,96,1234,CHANNEL 1234,N,warehouse1@abc.com
```


Warehouse Item File

Table 2-44 Warehouse Item File Layout

Field Name	Description	Required	Type
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
WAREHOUSE_ID	The unique identifier of the warehouse - this references the ID column in the WAREHOUSE table and forms the primary key together with the ITEM_ID field.	Yes	NUMBER (10, 0)
STATUS	The status of the warehouse item - ' ' (None), A (Active), C (Discontinued), I (Inactive), D (Deleted), Q (Auto-stocked) or N (Non-ranged).	Yes	VARCHAR2 (2)
QUANTITY_TOTAL	The total quantity of the warehouse item.	Yes	NUMBER (12, 4)
QUANTITY_RESERVED	The reserved quantity of the warehouse item.	Yes	NUMBER (12, 4)
QUANTITY_UNAVAILABLE	The unavailable quantity of the warehouse item.	Yes	NUMBER (12, 4)
QUANTITY_IN_TRANSIT	The in transit quantity of the warehouse item.	Yes	NUMBER (12, 4)
STANDARD_UOM	The standard unit of measure of the warehouse item.	No	VARCHAR2 (4)

Example CSV File

IDL-WAREHOUSEITEM-*.csv

1,1,A,12345678.9012,34567890.1234,56789012.3456,78901234.5678,kg

Transactional Data Seeding

Transaction data seeding in a SIOCS installation is achieved by uploading data in CSV (comma-separated values) files to Object Storage via FTS (File Transfer Service).

After files are uploaded to Object Storage, The Initial Foundation Data File Import and Initial Store Data File Import batch jobs download the relevant files from Object Storage and import the data into SIOCS. For transaction data modules which require store, the customer admin user would need to run Store Data File Import batch and provide store id as input. For modules which do not require store id, run Initial Foundation Data File Import job.

Process Flow

This is a general overview of the process flow.

- Each file that loaded is broken into groupings of transactions (1000 per group). Each grouping is given a processing number and a request to process the data is places in MPS.

- The MPS messages system will grab processing requests off the queue and process each group (of 1000) at a time committing transactions that are successful and failing transactions that have problems.
- The user can monitor the process both through the MPS Staged Message screen and the Integration Dashboard screen.
- The user can then export the errors, make corrections, and reload a file. (See [Errors and Reprocessing](#).)

Process Ordering

The processing of sets of data needs to be in order with one set of data being completed before the next begins.



Note:

Data seeding of foundation data and data setup should be completed prior to data seeding transactional data.

Purchase Order Group

Purchase orders and DSDs are loaded for each individual store. The purchase orders for a single store must be fully loaded and finished processing, along with error corrections, prior to loading DSD (Deliveries from Vendors) information for the same store.

Transfer Group

Transfers are not loaded for each individual store. Transfers must be fully loaded and finish processing, along with desired error corrections, prior to loading additional transfer information. Once transfers are loaded, you load transfer information in the following sequence per store: allocation, transfer shipment, transfer delivery.

UIN

The UIN file is loaded by store. Loading in stock UINs is dependent only on the foundation data.

Errors and Reprocessing

When errors occur, they must be manually dealt with by the user.

- During processing, transactions that fail at any level (header, carton, detail) will fail the entire transaction.
- The number of failures for a particular data type can be seen in the Integration Dashboard.
- You can load the same file for different stores without issue (such as loading DSDs for Store 1 and Store 2) prior to dealing with errors, however, you should not load the same data type file for the same store without first clearing out the errors. For example, do not load DSDs for Store 1 and again for Store 1 without first dealing with errors.
- The integration dashboard will allow a user to export error data back out for examination and correction. If more than one store worth of errors exists, it will create one file for each store on export.

- Once the data is exported, the errors for the data type should be deleted prior to re-loading additional information. For example, load transfer shipments for store 1, export the failures, delete the failures, correct the failures, reload ONLY the corrected data from transfer shipments for store 1 again. Removal of erroneous data can be done through the integration dashboard.

**Note:**

Once a transaction is successfully processed and reaches the transaction tables without error, it cannot be loaded again. Additional attempts to load the data will fail with duplicate data errors. Data seeding will not perform updates on currently existing data.

Volume Considerations

This is a general overview of the process flow for basic understanding.

- To prevent system overload, file sizes should remain under or around 100,000 transactions (that is 100,000 header rows or overall transactions, not rows in file).
- It is recommended that only 1 or 2 files be loaded at a time and that the processing is completed on these files prior to loading more files.

Integration Dashboard

The integration dashboard screen (see Technical Maintenance Screens – [Integration Dashboard](#)) displays the current state of integration processing, which includes the transaction data seeding. This screen can be used to do the following:

- See the number of records currently processing for a data type
- See the number of failed records for a data type
- Export error data back out to file
- Clear error data out so that reprocessing of a file can occur

Transaction Data Seeding Modules

Table 2-45 Transaction Data Seeding Modules

Module	Description
Allocation	Loads warehouse to store transfer allocation information by store.
DSD	Loads direct store delivery information by store.
Purchase Order	Load purchase order information by store.
Transfer	Load transfer document information
Transfer Shipment	Loads transfer shipment information by shipping store.
Transfer Delivery	Load transfer delivery information by receiving store.
UIN	Load basic UIN information for a limited set of statuses.

File Layouts

- All files should be in CSV (comma-separated values) format, with either a ".csv" or ".dat" filename extension. The batch jobs also support zipped files which will be extracted upon download and processed individually.
- Empty or blank fields within a record will be considered null. Every column must be present even if it is empty or null.
- String fields containing a comma or double quote must be quoted (with double quotes), a double quote in a field must be represented by 2 double quote characters. Line breaks within quoted fields are not supported.
- The filename format is IDL-[MODULENAME]-XXXX.csv(/dat/zip). Files contained within .zip files must adhere to the same filename format.
- To run the Initial Store Data File Import batch job for a particular Store, the filename format should be IDL-{moduleName}-{StoreId}-{fileNum}.csv. Any file which does not adhere to the filename format will not be downloaded or processed. Also, files > 500MB will be rejected: the file should be split into smaller files and uploaded as a .zip file.
- It is recommended to not edit the .csv files in Excel as this can lead to formatting issues.
- Rows within the file can have different layouts. The row type column located first in any row defines what kind of row it is and the format it must follow.

File Date Requirements

- All columns noted as required must have values within the file or the entire file will be failed.
- The data within the file for a particular column must match the data type of the column or the entire file will be failed.
- Dates must be entered in the format YYYY-MM-DD HH:MM:SS (examples: 2022-12-06 14:34:21).
- Dates must be GMT as the file will parse and process the dates as GMT dates.

Allocation File

Allocation files must contain information for a single store only.

Table 2-46 Allocation File Row Layout

Field Name	Description	Required	Type
IMPORT_ALLOC_ID	A unique identifier of this imported allocation.	Yes	VARCHAR2(128)
EXTERNAL_ID	The unique allocation identifier from an external system.	Yes	NUMBER(12)
ITEM_ID	The unique identifier of the item to be delivered.	Yes	VARCHAR2(25)

Table 2-46 (Cont.) Allocation File Row Layout

Field Name	Description	Required	Type
STORE_ID	The unique identifier of the store receiving the allocation.	Yes	NUMBER(10)
WAREHOUSE_ID	The unique identifier of the warehouse shipping the item.	Yes	NUMBER(10)
STATUS	The status of the allocation	Yes	NUMBER(2)
DISTRIBUTION_PARENT_ID	The unique identifier of the parent transfer document.	No	VARCHAR2(25)
DELIVERY_DATE	The date the allocation is expected to be delivered.	No	DATE
CONTEXT_ID	The identifier of a context associated to the allocation.	No	NUMBER(18)
CONTEXT_VALUE	A value associated to the context	No	VARCHAR2(25)
DELIVERY_SLOT_ID	The unique identifier of the delivery slot of expected delivery time.	No	NUMBER(15)
QUANTITY_EXPECTED	The quantity expected to be delivered.	No	NUMBER(20,4)
QUANTITY_RECEIVED	The quantity that has been received.	No	NUMBER(20,4)
QUANTITY_DAMAGED	The quantity that has been received as damaged.	No	NUMBER(20,4)

Data Definition

Status: (1) Approved, (2) Completed, (3) Canceled

Example CSV File

For a store-based transaction import, the file name must have the fileNum, IDL-ALLOCATION-
<storeId>-<fileNum>.csv

Example:

IDL-ALLOCATION-1111-1.csv

1,5001,100637113,5000,9000,1,1234,2022-10-14 10:40:21,145,CV145,4523026194,100,0,0

DSD File

- Direct Store Delivery files must contain information for a single store only.
- Purchase order must be loaded and complete processing prior to loading direct store deliveries.
- Each delivery must have at least one carton associated to it.
- Each carton must have at least one item associated to it.
- The status of the delivery is not uploaded, but rather calculated from the status of the cartons.

- UINs are not loaded as part of this transfer delivery data seeding file upload.

Table 2-47 DSD File Row Layout (H – Header)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“H”
IMPORT_DSD_ID	The unique identifier of the delivery record.	Yes	VARCHAR2(128)
IMPORT_PO_ID	The purchase order that the delivery is associated to.	Yes	VARCHAR2(128)
STORE_ID	The unique identifier of the store receiving the inventory.	Yes	NUMBER(10)
SUPPLIER_ID	The unique identifier of the supplier shipping the inventory.	Yes	NUMBER(10)
ORIGIN_TYPE	The origin type of the delivery.	Yes	NUMBER(2)
RECEIPT_NO		Yes	NUMBER(12)
ASN_ID	The advanced shipping notification of the delivery.	No	VARCHAR2(128)
INVOICE_ID	A unique identifier of an invoice associated to this delivery.	No	VARCHAR2(128)
INVOICE_DATE	The date of the delivery invoice.	No	DATE
CURRENCY_CODE	A currency code identifying the type of currency.	No	VARCHAR2(3)
INVOICE_COST_VALUE	The cost of the invoice.	No	NUMBER(12,4)
CARRIER_ENTITY	The name of the carrier.	No	VARCHAR2(128)
CARRIER_TYPE	The type of the carrier.	No	NUMBER(2)
CARRIER_CODE	Unique code that identifies the carrier.	No	VARCHAR2(4)
COUNTRY_CODE	A country code.	No	VARCHAR(3)
SOURCE_ADDRESS	The address of the source sending the delivery to the store.	No	VARCHAR2(1000)
LICENSE_PLATE	The license plate of the delivery vehicle.	No	VARCHAR2(128)
FREIGHT_ID	A freight identifier associated to the delivery.	No	VARCHAR2(128)
BOL_EXTERNAL_ID	An external identifier of a bill of lading record.	No	VARCHAR2(128)
FISCAL_DOCUMENT_ID	The Fiscal Document Number from a fiscal document system.	No	VARCHAR2(128)
EXPECTED_DATE	The expected date of the delivery.	No	DATE
RECEIVED_DATE	The date the delivery was received.	No	DATE
RECEIVED_USER	The user who received the delivery record.	No	VARCHAR2(128)
CREATE_DATE	The date the delivery record was created.	Yes	DATE

Table 2-47 (Cont.) DSD File Row Layout (H – Header)

Field Name	Description	Required	Type
CREATE_USER	The user that created the delivery record.	No	VARCHAR2(128)
UPDATE_DATE	The date the delivery record was last updated.	No	DATE
UPDATE_USER	The user who last updated the delivery record.	No	VARCHAR2(128)

Table 2-48 DSD Row Layout (C – Carton)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“C”
IMPORT_DSD_ID	An identifier assigned to the DSD header to tie it to cartons and items within the file.	Yes	VARCHAR2(128)
IMPORT_CARTON_ID	An import identifier assigned to the carton to tie it to the items.	Yes	VARCHAR2(128)
EXTERNAL_ID	An external identifier of the carton used during integration publication.	Yes	VARCHAR2(128)
STATUS	The carton status (see Index).	Yes	NUMBER(4)
REFERENCE_ID	A Reference identifier.	No	VARCHAR2(128)
DAMAGED_REASON	The reason for container damage.	No	VARCHAR2(128)
TRACKING_NUMBER	The tracking number for the container.	No	VARCHAR2(128)
SERIAL_CODE	The serial code.	No	NUMBER(18)
DAMAGE_REMAINING	Indicates all remaining quantities should be damaged on final receipt.	Yes	VARCHAR2(1)
UIN_REQUIRED	The item UIN, Y if UIN item exists in container, else No	Yes	VARCHAR2(1)
RECEIVE_AT_SHOP_FLOOR	Y if receive at shop floor, else No	Yes	VARCHAR2(1)
QUALITY_CONTROL	Y indicates the container is flagged for detailed receiving.	Y	VARCHAR2(1)
EXTERNAL_CREATE	Yes indicates whether the delivery is external created. Valid values: Y or N.	Yes	VARCHAR2(1)
ADJUSTED	Indicates whether the delivery is adjusted. Valid values: Y or N	Yes	VARCHAR2(1)
RECEIVE_DATE	The date when the vendor delivery carton was received.	No	DATE
RECEIVE_USER	The user who received the vendor delivery carton.	No	VARCHAR2(128)

Table 2-48 (Cont.) DSD Row Layout (C – Carton)

Field Name	Description	Required	Type
CREATE_DATE	The date when the vendor delivery carton was created.	Yes	DATE
CREATE_USER	The user who created the vendor delivery carton.	No	VARCHAR2(128)
UPDATE_DATE	The date when the vendor delivery carton was updated.	No	DATE
UPDATE_USER	The user who last updated the vendor delivery carton.	No	VARCHAR2(128)

Table 2-49 DSD Row Layout (D – Detail)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“D”
IMPORT_DSD_ID	Identifier assigned to the DSD header to tie it to cartons and items within the file.	Yes	VARCHAR2(128)
IMPORT_CARTON_ID	Import identifier assigned to the carton to tie it to the items.	Yes	VARCHAR2(128)
ITEM_ID	The unique identifier of the item that is contained in this carton.	Yes	VARCHAR2(25)
CASE_SIZE	The number of units in the case that this item was shipped in.	Yes	NUMBER(10,2)
QUANTITY_EXPECTED	The total number of units expected in this direct delivery.	No	NUMBER(20,4)
QUANTITY_RECEIVED	The total number of units received in this direct delivery.	No	NUMBER(20,4)
QUANTITY_DAMAGED	The total number of units that were damaged when the direct delivery was received.	No	NUMBER(20,4)

Table 2-49 (Cont.) DSD Row Layout (D – Detail)

Field Name	Description	Required	Type
QUANTITY_RECEIVED_OVER	Amount of received inventory over the expected quantities.	No	NUMBER(20,4)
QUANTITY_DAMAGED_OVER	Amount of damaged inventory over the expected quantities.	No	NUMBER(20,4)
PREVIOUS_RECEIVED	Units previous received when container is reopened for adjustment.	No	NUMBER(20,4)
PREVIOUS_DAMAGED	Units previous received as damaged when container is reopened for adjustment.	No	NUMBER(20,4)
UNIT_COST_CURRENCY	The unit cost currency code for the line item.	No	VARCHAR2(3)
UNIT_COST_VALUE	The unit cost value for the line item.	No	NUMBER(12,4)
OVERRIDE_UNIT_COST_CURRENCY	The override unit cost currency.	No	VARCHAR2(3)
OVERRIDE_UNIT_COST_VALUE	The override unit cost value.	No	NUMBER(12,4)
IMPORT_PO_ID	The import identifier used in the PO upload file that this DSD item is associated to.	Yes	VARCHAR2(128)

Data Definition

Delivery Origin Type: (0) Asn, (1) PO, (2) DexNex, (3) Manual

Delivery Carrier Type: (0) Corporate, (1) Third Party

Carton Status: (1), New, (2) In Progress, (3) Submitted, (4) Received, 5 (Damaged), 6 (Missing), (7) Canceled

Example CSV File

For a store-based transaction import, the file name must have the fileNum, IDL-VENDORDELIVERY-<storeId>-<fileNum>.csv

Example:

IDL-VENDORDELIVERY-1111-1.csv

H,4,PO 02

TRY,5000,5115,1,3,POASN1,1,2022-10-10,USD,100.00,CI1,1,0,US,SA,LP1,FR1,BOLEID1,FD
ID1,2022-10-10,2022-10-10,1500,2022-10-10,15000,2022-10-10,15000

C,4,-1,EID1,1,REFID1,NO DAMAGED,TN1,0599123645,N,N,Y,Y,Y,N,2022-10-10
17:12:21,15000,2022-10-10 17:12:21,1500,2022-10-10 17:12:21,1500

D,4,-1,100668163,1,30,30,0,0,0,0,0,USD,50.00,USD,50.00,PO 02 TRY

Purchase Order File

Purchase order files must contain information for a single store only. For each “H” header record, there must be at least one “D” detail record.

Table 2-50 Purchase Order File Row Layout (H – Header)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“H” (Header)
IMPORT_PO_ID	A unique identifier of this imported purchase order.	Yes	VARCHAR2(128)
EXTERNAL_ID	An identifier of this purchase order from an external system.	Yes	VARCHAR2(128)
STORE_ID	The identifier of the store this purchase order is for.	Yes	NUMBER(10)
SUPPLIER_ID	The identifier of the supplier this purchase order is from.	Yes	VARCHAR2(128)
STATUS	The status or the purchase order.	Yes	NUMBER(4)
EXTERNAL_STATUS	The status of the purchase order in the originating system.	Yes	NUMBER(4)
NOT_BEFORE_DATE	Earliest date that the inventory should arrive at the store.	No	DATE
NOT_AFTER_DATE	Latest date that the inventory should arrive at the store.	No	DATE
USER_ID	User who originated the purchase order.	No	VARCHAR2(128)
COMMENTS	Comments associated to the purchase order.	No	VARCHAR2(2000)
CUST_ORDER_ID	The external identifier of a customer order associated to the purchase order.	No	VARCHAR2(128)
FUL_ORD_EXTERNAL_ID	The external identifier of the fulfillment order associated to the order.	No	VARCHAR2(128)
SOURCE	The originating source of the purchase order.	Yes	VARCHAR2(25)

Table 2-50 (Cont.) Purchase Order File Row Layout (H – Header)

Field Name	Description	Required	Type
CREATE_DATE	The date the purchase order was created.	Yes	DATE
UPDATE_DATE	The date the purchase order was updated.	No	DATE
COMPLETE_DATE	The date the purchase order was completed.	No	DATE

Table 2-51 Purchase Order File Row Layout (D – Detail)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“D” (Detail)
IMPORT_PO_ID	The unique identifier from the (H)header row this detail is associated to.	Yes	VARCHAR2(128)
ITEM_ID	The unique sku number.	Yes	VARCHAR2(25)
SUPPLIER_COUNTRY	The supplier country of origin	Yes	VARCHAR(3)
CASE_SIZE	The case size coming from the supplier.	Yes	NUMBER(10,2)
QUANTITY_EXPECTED	The number of units expected to be delivered to the store.	Yes	NUMBER(20,4)
QUANTITY_RECEIVED	The number of units received to date against the order.	No	NUMBER(20,4)
UNIT_COST_CURRENCY	The unit cost ISO currency code.	No	VARCHAR2(3)
UNIT_COST_VALUE	The unit cost value of the item.	No	NUMBER(12,4)
PREFERRED_UOM	The preferred unit of measure of this item on the order.	No	VARCHAR(4)

Data Definition

Purchase Order Status: (1) New, (2) In Progress, (3) Canceled, (4) Completed

Purchase Order External Status: (1) Worksheet, 2) Submitted, (3) Approved, (4) Closed

Example CSV File

For a store-based transaction import, the file name must have the fileNum, IDL-PURCHASEORDER-<storeId>-<fileNum>.csv

Example:

IDL-PURCHASEORDER-1111-1.csv

H,abcde,EXTID1,5000,5100,1,2,2022-10-06 00:00:00,2022-10-06 00:00:00,15000,NO
COMMENTS,1000,POIDSLFILE1,SIOCS,2022-10-06 12:07:01,2022-10-06
12:07:02,2022-10-06 12:07:10

D,abcde,100654087,US,1,100,100,USD,1.55,EA

Transfer File

- There must be a least one detail row for each header row.
- Reserved quantities will be incremented by any remaining quantities for the item at the source location.
- If unavailable inventor is used, the unavailable inventory will be decremented at the source location.
- The transfer quantities are considered final and correct. Therefore, shipments and deliveries referencing the transfer and loaded later will not update the transfer information.

Table 2-52 Transfer File Row Layout (H – Header)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“H”
IMPORT_TSF_ID	An import identifier to tie this header with line items.	Yes	VARCHAR2(128)
EXTERNAL_ID	An external identifier supplied from an external system.	No	VARCHAR2(128)
DISTRO_NUMBER	If an external identifier exists, the distro number will be the same as the external identifier. Otherwise, if the customer has a specific distro number, they should enter it here.	Yes	VARCHAR2(128)
SOURCE_TYPE	Source location type.	Yes	NUMBER(2)
SOURCE_ID	The identifier of the source location of the transfer.	Yes	NUMBER(10)
DESTINATION_TYPE	Destination location type.	Yes	NUMBER(2)
DESTINATION_ID	The identifier of the destination location of the transfer.	Yes	NUMBER(10)
STATUS	The transfer status.	Yes	NUMBER(2)
ORIGIN_TYPE	The origin type of the transfer.	Yes	NUMBER(2)
CONTEXT_ID	Unique identifier of a context associated to the transfer.	No	NUMBER(18)
CONTEXT_VALUE	A value or some information related to the context associated to the transfer.	No	VARCHAR2(25)
FUL_ORD_EXTERNAL_ID	External system identifier of the fulfillment order.	No	VARCHAR2(128)

Table 2-52 (Cont.) Transfer File Row Layout (H – Header)

Field Name	Description	Required	Type
CUST_ORD_EXTERNAL_ID	External system identifier of the customer order.	No	VARCHAR2(128)
USE_AVAILABLE	The Use Available, Y indicates the transfer must use available stock, N indicates it uses unavailable stock.	Yes	VARCHAR2(1)
ALLOW_PARTIAL_DELIVERY	Y indicates that the partial delivery is allowed for the transfer, N indicates it is not.	Yes	VARCHAR2(1)
AUTHORIZATION_CODE	An authorization code required for the transfer.	No	VARCHAR2(12)
NOT_AFTER_DATE	Date after which the transfer is no longer valid.	No	DATE
REQUEST_DATE	The date the transfer was requested.	No	DATE
REQUEST_USER	The user that requested the transfer.	No	VARCHAR2(128)
APPROVAL_DATE	The date the transfer was approved.	No	DATE
APPROVAL_USER	The user that approved the transfer.	No	VARCHAR2(128)
CREATE_DATE	The date this record was created.	Yes	DATE
CREATE_USER	The user that created this record.	No	VARCHAR2(128)
UPDATE_DATE	The date this record was last updated.	No	DATE
UPDATE_USER	The user that last updated this record.	No	VARCHAR2(128)

Table 2-53 Transfer File Row Layout (D – Detail)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	"D"
IMPORT_TSF_ID	The unique transfer identifier.	Yes	VARCHAR2(128)
ITEM_ID	The item identifier.	Yes	VARCHAR2(25)
CASE_SIZE	The case size associated to this line item.	Yes	NUMBER(10,2)
QUANTITY_REQUESTED	The quantity that was requested.	No	NUMBER(20,4)

Table 2-53 (Cont.) Transfer File Row Layout (D – Detail)

Field Name	Description	Required	Type
QUANTITY_APPROVED	The quantity that was approved.	No	NUMBER(20,4)
QUANTITY_SHIPPING	The quantity that is currently in shipping.	No	NUMBER(20,4)
QUANTITY_SHIPPED	The quantity that has currently shipped.	No	NUMBER(20,4)
QUANTITY_RECEIVED	The quantity that has been received into stock.	No	NUMBER(20,4)
QUANTITY_DAMAGED	The quantity that has been received as damaged.	No	NUMBER(20,4)
PREFERRED_UOM	The preferred unit of measure of the transfer line item.	No	VARCHAR2(4)

Data Definition

Source Type: (1) Store, (3) Warehouse, (4) Finisher

Destination Type: (1) Store, (3) Warehouse, (4) Finisher

Transfer Status: (1) New Request, (2) Requested, (3) Request In Progress, (4) Rejected, (5) Canceled Request, (6) Transfer In Progress, (7) Approved, (8) In Shipping, (9) Completed, (10) Canceled

Transfer Origin Type: (0) External, (1) Internal, (2) Adhoc

Example CSV File

IDL-TRANSFER.csv

```
H,TSFID1,EXTID1,DN1,1,5000,1,5001,7,1,1,364155194,MOBCO5,MOBFO5,Y,N,AUTHCODE
1,2022-10-30 00:00:01,2022-10-22 09:28:01,1500,2022-10-22 09:28:01,1500,2022-10-22
09:28:02,1500,2022-10-22 09:28:03,1500
```

```
D,TSFID1,100701234,1,1,1,1,1,1,0,EA
```

Transfer Shipment File

- Transfer shipment files must contain information for a single store only.
- Duplicate cartons are not allowed on the shipments
- Cartons not in new status are required to have line items.
- Transfer shipment status will be calculated from the status of the various cartons on the shipment. Transfer shipments should not be imported if they are in submitted status. The complexities of communication and synchronization with third party systems responsible for manifesting or other fiscal documentation makes this not feasible. Transfer shipments that are currently in progress prior to dispatch should be submitted after the import.
- UINs are not loaded as part of this transfer delivery data seeding file upload.

Table 2-54 Transfer Shipment File Row Layout (H – Header)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	"H"
IMPORT_SHIP_ID	An import identifier used to associate the shipment with its cartons and items.	Yes	VARCHAR2(128)
STORE_ID	The unique store identifier that is the source of the shipment.	Yes	NUMER(10)
DESTINATION_TYPE	Destination location type.	Yes	NUMBER(2)
DESTINATION_ID	The unique identifier of the destination.	Yes	NUMBER(10)
ASN	The advance shipment notification number.	Yes	VARCHAR2(128)
NOT_AFTER_DATE	A date that the goods should not be shipped after.	No	DATE
AUTHORIZATION_CODE	An authorization code	No	VARCHAR2(128)
IMPORT_TSF_ID	The original import identifier of a transfer loaded from the transfer file.	No	NUMBER(15)
TRACKING_NUMBER	Holds the tracking number for the transaction.	No	VARCHAR2(128)
SHIP_CARRIER_ID	Identifier representing the carrier for the shipment.	No	NUMBER(10)
SHIP_CARRIER_SERVICE_ID	Identifier representing the carrier service for the shipment.	No	NUMBER(10)
SHIPMENT_CARTON_DIM_ID	The shipment carton dimension Id.	No	NUMBER(12)
SHIP_WEIGHT	The weight of the carton.	No	NUMBER(12,4)
SHIP_WEIGHT_UOM	The weight UOM of the Carton.	No	VARCHAR2(4)
REQUESTED_PICKUP_DATE	The field contains the requested pickup date.	No	DATE
SHIP_TO_ADDRESS_TYPE	The address type for the ship to address.	No	VARCHAR2(2)
ALT_DESTINATION_ADDRESS	This field contains the alternate destination address.	No	VARCHAR2(2000)
CARRIER_ROLE	The carrier type for a Bill of Lading.	Yes	NUMBER(2)

Table 2-54 (Cont.) Transfer Shipment File Row Layout (H – Header)

Field Name	Description	Required	Type
THIRD_PARTY_NAME	This field contains the name of the third party.	No	VARCHAR2(240)
THIRD_PARTY_ADDRESS	This field contains the address of the third party.	No	VARCHAR2(240)
MOTIVE	This field contains the motive.	No	VARCHAR2(120)
TAX_ID	This field contains the tax id of the supplier.	No	VARCHAR2(18)
FISCAL_DOCUMENT_ID	Fiscal Document Number.	No	VARCHAR2(255)
FISCAL_DOCUMENT_URL	Fiscal Document printing URL provided by external system.	No	VARCHAR2(255)
SUBMIT_USER	The user that submitted the shipment record.	No	VARCHAR2(128)
SUBMIT_DATE	The date the shipment was submitted within EICS.	No	DATE
DISPATCH_USER	The user that dispatched the shipment.	No	VARCHAR2(128)
DISPATCH_DATE	The date the shipment was dispatched within EICS.	No	DATE
CREATE_USER	The user that created the shipment record.	No	VARCHAR2(128)
CREATE_DATE	The date the shipment record was created.	Yes	DATE
UPDATE_USER	The user that last updated the shipment.	No	VARCHAR2(128)
UPDATE_DATE	The last date the shipment was updated.	No	DATE

Table 2-55 Transfer Shipment File Row Layout (C – Carton)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“C”
IMPORT_SHIP_ID	An import shipment identifier to tie the shipment, carton, and items together.	Yes	VARCHAR2(128)
IMPORT_CARTON_ID	A unique import carton identifier to tie the carton to its items.	Yes	VARCHAR2(128)

Table 2-55 (Cont.) Transfer Shipment File Row Layout (C – Carton)

Field Name	Description	Required	Type
EXTERNAL_ID	The external identifier.	Yes	VARCHAR2(128)
STATUS	The status of the shipment carton.	Yes	NUMBER(4)
CARTON_DIMENSION_ID	The shipment container dimension id.	No	NUMBER(10)
WEIGHT	The weight of the container.	No	NUMBER(12,4)
WEIGHT_UOM	The UOM of the container.	No	VARCHAR2(4)
TRACKING_NUMBER	The tracking number for the container.	No	VARCHAR2(128)
USE_AVAILABLE	Value of Y indicates carton will use only available inventory, N means carton will use unavailable inventory.	Yes	VARCHAR2(1)
RESTRICTION_LEVEL	The hierarchy restriction level for items in a container.	Yes	NUMBER(4)
APPROVAL_USER	The user who approved the shipment.	No	VARCHAR2(128)
APPROVAL_DATE	The date when the shipment was approved.	No	DATE
CREATE_USER	The user who created the shipment carton.	No	VARCHAR2(128)
CREATE_DATE	The create date of the shipment carton.	Yes	DATE
UPDATE_USER	The user who last updated the shipment carton.	No	VARCHAR2(128)
UPDATE_DATE	The date when the shipment carton was updated.	No	DATE

Table 2-56 Transfer Shipment File Row Layout (D – Detail)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“D”
IMPORT_SHIP_ID	An import shipment identifier to tie the shipment, carton, and items together.	Yes	VARCHAR2(128)
IMPORT_CARTON_ID	A unique import carton identifier to tie the carton to its items.	Yes	VARCHAR2(128)
ITEM_ID	The item identifier.	Yes	VARCHAR2(25)
IMPORT_TSF_ID	The import identifier assigned to the transfer in the import file that imported this item in the transfer upload.	Yes	VARCHAR2(128)
SHIPMENT_REASON_ID	The shipment reason identifier.	No	NUMBER(15)
CASE_SIZE	Pack size of the item.	Yes	NUMBER(10,2)
QUANTITY	Quantity to be shipped.	Yes	NUMBER(20,4)

Data Definition

Shipment Destination Type: (1) Store, (3) Warehouse, (4) Finisher

Shipment Ship To Address Type: (01) Business, (02) Postal, (03) Returns, (04) Order, (05) Invoice, (06) Remittance, (07) Billing, (08) Delivery, (09) External

Shipment Carrier Role: (1) Sender, (2) Receiver, (3) Third Party

Carton Status: (1) New, (2) In Progress, (3) Completed, (4) Shipped, (5) Canceled

Carton Restriction Level: (1) Department, (2) Class, (3) Subclass, (4) None

Example CSV File

For a store-based transaction import, the file name must have the fileNum, IDL-TRANSFERSHIP-<storeId>-<fileNum>.csv

Example:

IDL-TRANSFERSHIP-1111-1.csv

```
H,100000,5000,4,8000,4,2022-10-24
16:12:32,AUTCODE1,TSFID1,4,1,1,1,100,KG,2022-10-25
00:12:32,1,ALTDESTADDRESS,1,3RDPARTYNAME,3RDPARTYADDRESS,MOTIVE,TAXID1,
FDOC1,FDOCURL1,1500,2022-10-24 16:12:32,1500,2022-10-24 16:12:32,1500,2022-10-24
16:12:32,15000,2022-10-24 16:12:32

C,100000,5,2,1,1,100,KG,1234,Y,4,1500,2022-10-23 11:32:12,15000,2022-10-24
16:12:32,15000,2022-10-24 16:12:32

D,100000,5,100701234,1,1,100,1
```

Transfer Delivery File

- Transfer delivery files must contain information for a single store only.
- Each delivery must contain at least one container.
- Each container must contain at least one item.
- Duplicate cartons are not allowed on the delivery.
- If the container is open, the in-transit quantity will be incremented for the items at the destination store for the remaining expected quantity.
- The status of the delivery will be calculated from the status of the containers.
- UINs are not loaded as part of this transfer delivery data seeding file upload.

Table 2-57 Transfer Delivery File Row Layout (H – Header)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	"H"
IMPORT_DELV_ID	An import identifier to tie the delivery to its cartons and items.	Yes	VARCHAR2(128)
STORE_ID	The receiving store identifier.	Yes	NUMBER(10)

Table 2-57 (Cont.) Transfer Delivery File Row Layout (H – Header)

Field Name	Description	Required	Type
SOURCE_TYPE	The source type.	Yes	NUMBER(4)
SOURCE_ID	The source location identifier.	Yes	NUMBER(10)
ASN_ID	The Advance Shipment Notification number.	Yes	VARCHAR2(30)
RECEIPT_NO	The receipt number.	Yes	VARCHAR2(30)
CARRIER_ENTITY	The carrier entity.	No	VARCHAR2(128)
CARRIER_TYPE	The carrier type.	No	NUMBER(2)
CARRIER_CODE	Unique code identifier for a carrier.	No	VARCHAR2(4)
SOURCE_ADDRESS	The address of source sending delivery.	No	VARCHAR2(1000)
LICENSE_PLATE	A license plate number.	No	VARCHAR2(128)
FREIGHT_ID	The freight identifier.	No	VARCHAR2(128)
BOL_EXTERNAL_ID	Delivery Bill Of Lading from external system or entered by SIOCS user.	No	VARCHAR2(128)
FISCAL_DOCUMENT_ID	Fiscal Document Number.	No	VARCHAR2(128)
EXPECTED_DATE	The expected date of the Transfer Delivery.	No	DATE
RECEIVED_DATE	The received date of the Transfer Delivery.	No	DATE
RECEIVED_USER	The user who received the Transfer Delivery.	No	VARCHAR2(128)
CREATE_DATE	The create date of the Transfer Delivery.	Yes	DATE
CREATE_USER	The user who created the Transfer Delivery.	No	VARCHAR2(128)
UPDATE_DATE	The date when the Transfer Delivery was updated.	No	DATE
UPDATE_USER	The user who last updated the Transfer Delivery.	No	VARCHAR2(128)

Table 2-58 Transfer Delivery File Row Layout (C – Carton)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	“C”
IMPORT_DELV_ID	The identifier of the legacy information when the record was imported.	Yes	VARCHAR2(128)
IMPORT_CARTON_ID	The unique identifier for the transfer delivery carton/container.	Yes	VARCHAR2(128)

Table 2-58 (Cont.) Transfer Delivery File Row Layout (C – Carton)

Field Name	Description	Required	Type
EXTERNAL_ID	An external carton identifier, often used to communicate with external systems.	No	VARCHAR2(128)
REFERENCE_ID	A reference identifier.	No	VARCHAR2(128)
STATUS	The status of the transfer delivery carton.	Yes	NUMBER(4)
SERIAL_CODE	A serial code.	No	NUMBER(18)
TRACKING_NUMBER	A tracking number for the container.	No	VARCHAR2(128)
DAMAGED_REASON	The reason for container damage.	No	VARCHAR2(128)
DAMAGE_REMAINING	Y indicates all remaining quantities should be damaged on final receipt. Y/N value.	Yes	VARCHAR2(1)
RECEIVE_AT_SHOP_FLOOR	Indicates if the stock would be received at shop-floor or not. "Y" if stock is to be received at shop-floor "N" otherwise.	Yes	VARCHAR2(1)
QUALITY_CONTROL	A quality control indicator. Y indicates that the carton must be manually received. Y/N value.	Yes	VARCHAR2(1)
EXTERNAL_CREATE	Indicates it was external created. Y indicates it was. Y/N value.	Yes	VARCHAR2(1)
ADJUSTED	Y indicates the container has been adjusted after receipt. Y/N value.	Yes	VARCHAR2(1)
COPIED	Y means has been copied as a misdirected container, N means it has not.	Yes	VARCHAR2(1)
RECEIVE_DATE	The date when the carton was received.	No	DATE
RECEIVE_USER	The user who received the carton.	No	VARCHAR2(128)
CREATE_DATE	The date when the carton was created.	Yes	DATE
CREATE_USER	The user who created the carton.	No	VARCHAR2(128)
UPDATE_DATE	The date when the carton was updated.	No	DATE

Table 2-58 (Cont.) Transfer Delivery File Row Layout (C – Carton)

Field Name	Description	Required	Type
UPDATE_USER	The user who last updated the carton.	No	VARCHAR2(128)

Table 2-59 Transfer Delivery File Row Layout (D – Detail)

Field Name	Description	Required	Type
ROW_TYPE	The type of row that is represented.	Yes	"D"
IMPORT_DELV_ID	An import identifier to tie the delivery to its cartons and items.	Yes	VARCHAR(128)
IMPORT_CARTON_ID	Import identifier to tie the cartons to its items.	Yes	VARCHAR(128)
ITEM_ID	The item identifier.	Yes	VARCHAR(25)
DOCUMENT_TYPE	Transfer delivery document type.	Yes	NUMBER(2)
DOCUMENT_DATE	The date when document was created.	Yes	DATE
IMPORT_ALLOC_ID	The original legacy import identifier from the allocation file when it was uploaded.	No	VARCHAR(128)
IMPORT_TSF_ID	The original legacy import identifier from the transfer file when it was uploaded.	No	VARCHAR(128)
CUST_ORD_EXTERNAL_ID	Customer order external identifier.	No	VARCHAR(128)
FUL_ORD_EXTERNAL_ID	Fulfillment order external identifier.	No	VARCHAR(128)
USE_AVAILABLE	Value of Y indicates item will be received as available inventory, N means received as unavailable inventory.	Yes	VARCHAR(1)
CASE_SIZE	Pack size of the item.	Yes	NUMBER(10,2)
QUANTITY_EXPECTED	The total number of units expected in this transfer delivery.	No	NUMBER(20,4)
QUANTITY_RECEIVED	The total number of units received in this transfer delivery.	No	NUMBER(20,4)
QUANTITY_DAMAGED	The total number of units that were damaged when the transfer delivery was received.	No	NUMBER(20,4)

Table 2-59 (Cont.) Transfer Delivery File Row Layout (D – Detail)

Field Name	Description	Required	Type
PREVIOUS_RECEIVED	Units previous received when container is reopened for adjustment.	No	NUMBER(20,4)
PREVIOUS_DAMAGED	Units previous received as damaged when container is reopened for adjustment.	No	NUMBER(20,4)

Data Definition

Delivery Source Type: (1) Store, (3) Warehouse, (4) Finisher

Delivery Carrier Type: (0) Corporate, (1) Third Party

Carton Status: (1) New, (2) In Progress, (3) Damaged, (4) Received, (5) Missing

Detail Document Type: (0) Transfer, (1) Allocation

Example CSV File

For a store-based transaction import, the file name must have the fileNum, IDL-TRANSFERDELV-<storeId>-<fileNum>.csv

Example:

IDL-TRANSFERDELV-1111-1.csv

H,TSF-DELV-
x6,5000,1,5001,ASN-1,Receipt-1,CURRENTITY1,0,CCD1,SRADDR,LP1,FR1,BOLEXTID1,F
DOC1,2022-12-08 09:00:00,2022-12-08 09:00:00,1500,2022-12-07 09:00:00,1500,2022-12-07
09:00:00,1500

C,TSF-DELV-x6,CARTON-3,EXTID1,REFID1,4,0599123645,TKNUM1,NO
DAMAGE,N,Y,Y,N,N,2022-12-07 09:00:00,1500,2022-12-07 09:00:00,1500,2022-12-07
09:00:00,1500

D,TSF-DELV-x6,CARTON-3,100637121,0,2022-12-07
09:00:00,IMPALLOCID1,778,CUSTORDID1,FCUSTORDID1,Y,1,1,1,0,0,0

UIN File

- This file must contain only information for a single store.
- Only the following statuses will be allowed for the UIN: In Stock, Sold, Shipped To Warehouse, Shipped To vendor, Shipped to Finisher, Remove From Inventory, Missing, and Customer Fulfilled.
- The current functional area will be defaulted to MANUAL.
- The current functional identifier is not allowed on the import.
- Note that a UIN history record will be created for each imported UIN.
- Note that this loads UINs into the base UIN table and does not associate or attach any UINs to ongoing transactions.

Table 2-60 UIN File Row Layout (H – Header)

Field Name	Description	Required	Type
ITEM_ID	The identifier of the item.	Yes	VARCHAR2(25)
UIN	The universal identification number.	Yes	VARCHAR2(128)
STORE_ID	The store identifier.	Yes	NUMBER(10)
STATUS	The current status of the UIN.	Yes	NUMBER(2)
PREVIOUS_STATUS	The previous status of the UIN.	No	NUMBER(2)
PREVIOUS_FUNCTIONAL_AREA	The previous business area that contained the UIN for that previous status.	No	NUMBER(2)
PREVIOUS_FUNCTIONAL_ID	The transaction id of the transaction that previously contained the UIN for that previous status.	No	VARCHAR2(128)
PREVIOUS_STORE_ID	The previous store identifier associated with the previous status.	No	NUMBER(10)
PREVIOUS_NONSELLABLE_TYPE_ID	A non-sellable inventory bucket the UIN was last within for that previous status.	No	NUMBER(12)
PREVIOUS_CARTON_ID	The identifier of the carton that previously contained the UIN for that previous status.	No	VARCHAR2(128)
CREATE_DATE	The date the UIN was first inserted into the system.	Yes	DATE
UPDATE_DATE	The last date the UIN was updated.	No	DATE
CREATE_USER	The user that first inserted the UIN into the system.	No	VARCHAR2(128)
UPDATE_USER	The user that last updated the UIN in the system.	No	VARCHAR2(128)

Data Definition

Status: (0) In Stock, (1) Sold, (2) Shipped To Warehouse, (5) Shipped To Vendor, (6) Remove From Inventory, (8) Missing, (11) Customer Fulfilled, (12) Shipped to Finisher,

Functional Area: (0) Warehouse Delivery Receipt, (1) Direct Delivery Receipt, (2) Create Transfer, (3) Dispatch Transfer, (4) Receive Transfer, (5) Receipt Adjustment, (6) Create Return, (7) Dispatch Return, (8) Inventory Adjustment, (9), Stock Count, (10) Stock Recount, (11) Stock Count Authorization, (12) Manual, (13) POS Sale, (14) POS return, (15) POS Sales Void, (16) POS Return Void, (17) UIN Web Service, (18) Customer Order, (20), Direct Delivery ASN, (21) Transfer ASN, (22) Transfer Shipment

Example CSV File

For a store-based transaction import, the file name must have the fileNum, IDL-ITEMUIN-
<storeId>-<fileNum>.csv

Example:

IDL-ITEMUIN-1111-1.csv

100665085,testuinCsv0,5000,0,0,1,prev function area id,5000,5001,0,2022-10-24
14:23:00,2022-10-24 14:23:01,15000,15000

Vendor Return

- Vendor returns only allow one store per file.
- Must have at least one detail row per vendor return.
- For a Vendor Return in Approved or In Shipping status, the RTV Reserved bucket of the item's inventory at the source store will be updated with the approved quantity of the vendor return.
- External Locked attribute will be calculated. If External Id has a value and the status is Approved, In Shipping, or Completed, then External Locked = Y, otherwise.

Table 2-61 Vendor Return File Row Layout (H - Header)

Field Name	Description	Required	Type
ROW_TYPE	Defines the type of row content.	Yes	"H"
IMPORT_RTV_ID	An import identifier from external system to tie the return to its item detail within the file	Yes	NUMBER(10)
STORE_ID	The identifier of the store shipping the goods	Yes	NUMBER(10)
SUPPLIER_ID	The identifier of the supplier receiving the goods	Yes	VARCHAR(128)
EXTERNAL_ID_STAT US	An identifier to communicate to external systems when publishing information about this return	No	NUMBER(2)
NOT_AFTER_DATE	The date after which the return is no longer allowed	YES	DATE
AUTHORIZATION_N UMBER	The supplier authorization number	NO	VARCHAR(12)
ORIGIN_TYPE	The origin type of the return	YES	NUMBER(2)
ADDRESS_LINE_1	The first line of the return address	NO	VARCHAR(240)
ADDRESS_LINE_2	The second line of the return address	NO	VARCHAR(240)
ADDRESS_LINE_3	The third line of the return address	NO	VARCHAR(240)
ADDRESS_CITY	The city of the return address	NO	VARCHAR(120)
ADDRESS_COUNTRY	The country of the return address	NO	VARCHAR(3)

Table 2-61 (Cont.) Vendor Return File Row Layout (H - Header)

ADDRESS_POSTAL_CODE	The postal code of the return address	NO	VARCHAR(30)
APPROVED_USER	The user who approved the return	NO	VARCHAR(128)
APPROVED_DATE	The date the return was approved	NO	DATE
CLOSED_USER	The user who closed the return	NO	VARCHAR(128)
CLOSED_DATE	The date the return was closed	NO	DATE
CREATE_USER	The user who created the return	NO	VARCHAR(128)
CREATE_DATE	The date the return was created	YES	DATE
UPDATE_USER	The user who last updated the return	NO	VARCHAR(128)
UPDATE_DATE	The date the return was last updated	NO	DATE

Table 2-62 Vendor Return File Layout (D — Detail)

Field Name	Description	Required	Type
ROW_TYPE	Defines the type of row	YES	“D”
IMPORT_RTV_ID	An import identifier from external system to tie the return to its item detail within the file	YES	VARCHAR(128)
ITEM_ID	The unique identifier of the item/sku	YES	VARCHAR(25)
CASE_SIZE	The case size of this item on this return	NO	NUMER(10,2)
EXTERNAL_ID	An external identifier to this particular line item on the return	NO	NUMBER(15)
SHIPMENT_REASON_ID	A unique identifier to a reason code associated to this line item	YES	NUMBER(15)
QUANTITY_REQUESTED	The amount requested to return	NO	NUMBER(20,4)
QUANTITY_APPROVED	The amount approved to return	NO	NUMBER(20,4)
QUANTITY_SHIPPING	The amount prepared to ship on the return	NO	NUMBER(20,4)
QUANTITY_SHIPPED	The amount shipped on the return	NO	NUMBER(20,4)

Example CSV File

IDL-RTV-5000.csv

```
H,1298,5000,6100,800,6,2023-04-07 00:00:00,1276,2,,,,,DEV,2023-04-02
00:00:00,DEV,2023-03-28 00:00:00,,2023-03-21 00:00:00,,
D,1298,6100,100000024,1,7,2,2,,0,2
```

Data Definition

Valid Return Status Quantity:

(1) Requested, (2) Requested In Progress, (3) RTV In Progress, (4) Approved, (5) In Shipping, (6) Completed, (7) Rejected, (8) Cancel Request, (9) Cancel RTV.

Vendor Origin Type:

(1) External, (2) Internal, (3) Shipment.

Vendor Shipment

- Vendor shipments only allow one store per file.
- Must have at least one carton row per header row.
- Must have at least one detail row per carton row.
- A carton in New status may have no items in it.
- Shipment status will be calculated from the container status.
- If any of the containers are in New, In Progress, or Completed status, the shipment status is In Progress.
- If all of the containers are in Canceled status, the shipment status is Canceled.
- If at least one container is Shipped and all other containers are Shipped or Canceled, the shipment status should be Shipped.
- If none of these conditions are met, the shipment should fail with status error

Prerequisite

Vendor returns must be loaded prior to vendor shipments that reference them.

Table 2-63 Vendor Shipment File Row Layout (H — Header)

Field Name	Description	Required	Type
ROW_TYPE	Defines the type of row content.	Yes	"H"
IMPORT_SHIP_ID	The import identifier from external system to tie the return to its item detail within the file.	Yes	VARCHAR(128)
STORE_ID	The identifier of the store shipping the return.	Yes	NUMBER(10)
SUPPLIER_ID	The identifier of the supplier receiving the return.	Yes	NUMBER(10)
IMPORT_RTV_ID	The import vendor return identifier of the previous uploaded return document file.	Yes	VARCHAR(128)
STATUS	The status of the shipment	Yes	NUMBER(2)
NOT_AFTER_DATE	A date after which the shipment should not be shipped.	No	DATE
AUTHORIZATION_CODE	A vendor authorization code.	No	VARCHAR(12)
TRACKING_NUMBER	Tracking number of the shipment.	No	VARCHAR(128)

Table 2-63 (Cont.) Vendor Shipment File Row Layout (H — Header)

SHIP_CARRIER_ID	Identifier of the carrier of the shipment.	No	NUMBER(10)
SHIP_CARRIER_SERVICE_ID	Identifier of the carrier service of the shipment.	No	NUMBER(10)
SHIPMENT_CARTON_DIMENSION_ID	The shipment carton dimension identifier.	No	NUMBER(12)
SHIP_WEIGHT	The weight of the carton	No	NUMBER(12,3)
SHIP_WEIGHT_UNIT	The unit of measure of the carton.	No	VARCHAR(4)
REQUESTED_PICKUP_DATE	The date requested for pickup.	No	DATE
SHIP_TO_ADDRESS_TYPE	The address type of the shipment.	No	VARCHAR(2)
ALT_DESTINATION_ADDRESS	An alternate destination address.	No	VARCHAR(2000)
CARRIER_ROLE	The carrier type of the shipment.	No	NUMBER(2)
THIRD_PARTY_NAME	The name of the a third party shipper.	No	VARCHAR(240)
THIRD_PARTY_ADDRESS	The address of a third party shipper.	No	VARCHAR(240)
MOTIVE	A motive for the shipment.	No	VARCHAR(120)
TAX_ID	A tax identifier.	No	VARCHAR(18)
CONTEXT_ID	An identifier of a context associated to the return.	No	NUMBER(18)
CONTEXT_VALUE	A value that goes with the context.	No	VARCHAR(25)
FISCAL_DOCUMENT_ID	The identifying number of a fiscal document associated to the return.	No	VARCHAR(255)
FISCAL_DOCUMENT_URL	A URL to the fiscal document.	No	VARCHAR(255)
SUBMIT_USER	The user that submitted the shipment.	No	VARCHAR(128)
SUBMIT_DATE	The date the shipment was submitted.	No	DATE
DISPATCH_USER	The user that dispatched the shipment.	No	VARCHAR(128)
DISPATCH_DATE	The date the shipment was dispatched.	No	DATE
CREATE_USER	The user that created the shipment.	No	VARCHAR(128)
CREATE_DATE	The date the shipment was created.	Yes	DATE
UPDATE_USER	The user that last updated the shipment.	No	VARCHAR(128)
UPDATE_DATE	The date the shipment was last updated.	No	DATE

Table 2-64 Vendor Shipment File Row Layout (C – Carton)

Field Name	Description	Required	Type
ROW_TYPE	Defines the type of row content.	Yes	“C”
IMPORT_SHIP_ID	An import identifier from external system to tie the shipment to its carton and items within the file.	Yes	VARCHAR(128)
IMPORT_CARTON_ID	Import identifier from external system to tie the carton to its items.	Yes	VARCHAR(128)
EXTERNAL_CARTON_ID	An external identifier associated to the carton.	No	VARCHAR(128)
STATUS	The status of the carton.	Yes	NUMBER(2)
SHIPMENT_CARTON_DIM_ID	An identifier of the shipment carton dimension.	No	NUMBER(10)
WEIGHT	The weight of the carton.	No	NUMBER(12,4)
WEIGHT_UOM	The unit of measure of the weight of the carton.	No	VARCHAR(4)
TRACKING_NUMBER	A tracking number associated to the carton.	No	VARCHAR(128)
RESTRICTION_LEVEL	A restriction level associated to the carton.	Yes	NUMBER(4)
APPROVAL_USER	The user that approved the carton.	No	VARCHAR(128)
APPROVAL_DATE	The date the carton was approved.	No	DATE
CREATE_USER	The user that created the carton.	No	VARCHAR(128)
CREATE_DATE	The date the carton was created.	No	DATE
UPDATE_USER	The user that last updated the carton.	No	VARCHAR(128)
UPDATE_DATE	The date the carton was last updated.	No	DATE

Table 2-65 Vendor Shipment File Row Layout (D — Detail)

Field Name	Description	Required	Type
ROW_TYPE	Defines the type of row content.	Yes	“D”
IMPORT_SHIP_ID	An import identifier from external system to tie the shipment to its carton and items within the file.	Yes	VARCHAR(128)
IMPORT_CARTON_ID	An import identifier from external system to tie the carton to its items.	Yes	VARCHAR(128)
ITEM_ID	The identifier of the item.	Yes	VARCHAR(25)
SHIPMENT_RETURN_ID	The identifier of a return reason associated to the item being returned.	Yes	NUMBER(15)
CASE_SIZE	The case size of this item on this return.	No	NUMBER(10,2)

Table 2-65 (Cont.) Vendor Shipment File Row Layout (D — Detail)

QUANTITY	The quantity that was shipped.	Yes	NUMBER(20,4)

Example CSV File

IDL-RTVSHIP-5000.csv

H,2276,5000,6100,1276,4,,,,,,,,,3,,,,,,,,,DEV,2023-04-01 00:00:00,DEV,2023-04-01
00:00:00,,2023-03-20 00:00:00,,

C,2276,1076,,4,,,,,4,DEV,2023-03-28 00:00:00,,2023-03-19 00:00:00,,

D,2276,1076,100000024,7,1,2

Data Definition

Valid Shipment Status Description: (1) New, (2) In Progress, (4) Shipped, (5) Canceled.

Vendor Shipment Carrier Role: (1) Sender, (2) Receiver, (3) Third Party.

Vendor Shipment Ship To Address Type: (01) Business, (02) Postal, (03) Returns, (04) Order, (05) Invoice, (06) Remittance, (07) Billing, (08) Delivery, (09) External.

Vendor Shipment Carton Status: (1) New, (2) In Progress, (3) Completed, (4) Shipped, (5) Canceled.

Vendor Shipment Carton Restriction Level: (1) Department, (2) Class, (3) Subclass, (4) None.

Vendor Delivery UIN

- Vendor delivery UIN will be loaded one store per file.
- DSD_CARTON needs to have IMPORT_ID added to it.
- VendorDeliveryImportDcsConsumer needs to capture the carton import identifier in the DSD_CARTON table.
- If a UIN does not exist at the store, create the UIN at the store in an In Stock status.
- Upon processing, the UIN itself will be updated with the information from the shipment.
- If the count of UINs is different than the line quantities counts, this will be an error and the transaction will be rejected.

Prerequisite

- Purchase orders must be loaded prior to DSD/Vendor deliveries that reference them.
- Vendor deliveries must be loaded prior to UINs that reference them.
- Optionally, item UINs may be loaded prior to the UINs that reference them.

Table 2-66 Vendor Delivery File Row Layout

Field Name	Description	Required	Type
STORE_ID	The unique store identifier.	Yes	NUMBER (10, 0)
IMPORT_DELIVERY_ID	The import identifier of the delivery from the original DSD file upload.	Yes	VARCHAR(128)

Table 2-66 (Cont.) Vendor Delivery File Row Layout

Field Name	Description	Required	Type
IMPORT_CARTON_ID	The import identifier of the carton from the original DSD file upload.	Yes	VARCHAR(128)
ITEM_ID	The identifier of the item.	Yes	VARCHAR(25)
UIN	The UIN associated to the item.	Yes	VARCHAR(128)
SHIPPED	Y/N Indicator. Y indicates the UIN was shipped and is ready to be received.	Yes	VARCHAR(1)
RECEIVED	Y/N Indicator. Y indicates the UIN was received.	Yes	VARCHAR(1)
DAMAGED	Y/N Indicator. Y indicates the UIN was received as damaged. If a UIN is marked damaged ("Y"), then the carton status cannot be in "Received" status and an error should prevent this delivery from uploading.	Yes	VARCHAR(1)

Example CSV File

IDL-VENDORDELIVERYITEMUIN-5000.csv

5000,30000,30000,12345678901233,testuin2,Y,N,N

Data Definition

Valid Status For Pre-Existing UIN: (0) In Stock, (1) Sold, (2) Shipped To Warehouse, , (5) Shipped To Vendor, (12) Shipped To Finisher, (6) Removed From Inventory, (8) Missing, (11) Customer Fulfilled

Vendor Shipment UIN

- Vendor Shipment UIN will be loaded one store per file.
- RTV_SHIPMENT_CARTON needs to have IMPORT_ID added to it.
- VendorShipmentImportDcsConsumer needs to capture the carton import identifier in the RTV_SHIPMENT_CARTON table.
- Upon processing, the UIN itself will be updated with the information from the shipment.
- If the count of UINs is different than the line quantities counts, this will be an error and the transaction will be rejected.

Prerequisite

- Vendor returns must be loaded prior to vendor shipments that reference them.
- Vendor shipments must be loaded prior to the vendor shipment UINs that reference them.
- Item UINs must be loaded prior to the vendor shipment UINs that reference them.

Table 2-67 Vendor Shipment UIN File Row Layout

Field Name	Description	Required	Type

Table 2-67 (Cont.) Vendor Shipment UIN File Row Layout

STORE_ID	The unique store identifier.	Yes	NUMBER (15)
IMPORT_SHIPMENT_ID	The import identifier of the shipment from the original vendor return shipment file upload.	Yes	VARCHAR(128)
IMPORT_CARTON_ID	The import identifier of the carton from the original DSD file upload.	Yes	VARCHAR(128)
ITEM_ID	The identifier of the item.	Yes	VARCHAR(25)
UIN	The UIN associated to the item.	Yes	VARCHAR(128)

Example CSV File

IDL-VENDORDELIVERYUIN-5000.csv

5000,30000,30000,12345678901233,testuin2

Data Definition

Valid Status For Pre-Existing UIN: (0) In Stock, (1) Sold, (2) Shipped To Warehouse, , (5) Shipped To Vendor, (12) Shipped To Finisher, (6) Removed From Inventory, (8) Missing, (11) Customer Fulfilled

Transfer Shipment UIN

- Transfer Shipment UIN will be loaded one store per file.
- TSF_SHIPMENT_CARTON needs to have IMPORT_ID added to it.
- TransferShipmentImportDcsConsumer needs to capture the carton import identifier in the TSF_SHIPMENT_CARTON table.
- Upon processing, the UIN itself will be updated with the information from the shipment.
- If the count of UINs is different than the line quantities counts, this will be an error and the transaction will be rejected.

Prerequisite

- Transfers must be loaded prior to transfer shipments that reference them.
- Transfer shipments must be loaded prior to transfer shipment UINs that reference them.
- Item UINS must be loaded prior to the transfer shipment UINs that reference them.

Table 2-68 Transfer Shipment UIN File Row Layout

Field Name	Description	Required	Type
STORE_ID	The unique store identifier.	Yes	NUMBER (10, 0)
IMPORT_SHIPMENT_ID	The import identifier of the shipment from the original shipment file upload.	Yes	VARCHAR(128)
IMPORT_CARTON_ID	The import identifier of the carton from the original shipment file upload.	Yes	VARCHAR(128)
ITEM_ID	The identifier of the item.	Yes	VARCHAR(25)

Table 2-68 (Cont.) Transfer Shipment UIN File Row Layout

UIN	The identifier of the item. The UIN associated to the item.	Yes	VARCHAR(128)

Example CSV File

IDL-TRANSFERSHIPMENTUIN-5000.csv

5000,10001,10001,12345678901233,testuin2

Data Definition

Valid Status For Pre-Existing UIN: (0) In Stock, (1) Sold, (2) Shipped To Warehouse, (5) Shipped To Vendor, (12) Shipped To Finisher, (6) Removed From Inventory, (8) Missing, (11) Customer Fulfilled

Transfer Delivery UIN

- Transfer delivery UIN will be loaded one store per file.
- TSF_DELV_CARTON needs to have IMPORT_ID added to it.
- TransferDeliveryImportDcsConsumer needs to capture the carton import identifier in the TSF_DELV_CARTON table.
- Transfer Shipment UINs must be loaded prior to transfer delivery UINs.
- The received quantity of the transfer delivery line item should be set to the total of the received UINs for that line item.
- The damaged quantity of the transfer delivery line item should be set to the total of the damaged UINs for that line item
- Upon processing, the UIN itself will be updated with the information from the delivery.
- If the count of UINs is different than the line quantities counts, this will be an error and the transaction will be rejected.

Prerequisite

- Transfer must be loaded prior to the transfer delivery that references them.
- Allocations must be loaded prior to the transfer delivery that references them (optional if testing allocations).
- Transfer deliveries must be loaded prior to the transfer delivery UINS that references them.
- Optionally, Item UINs may be loaded prior to the transfer delivery UINs that reference them.

Table 2-69 Transfer Delivery Fields

Field Name	Description	Required	Type
STORE_ID	The unique store identifier.	Yes	NUMBER (10, 0)
IMPORT_DELIVERY_ID	The import identifier of the delivery from the original delivery file upload.	Yes	VARCHAR(128)

Table 2-69 (Cont.) Transfer Delivery Fields

IMPORT_CARTON_ID	The import identifier of the carton from the original delivery file upload.	Yes	VARCHAR(128)
ITEM_ID	The identifier of the item.	Yes	VARCHAR(25)
UIN	The UIN associated to the item.	Yes	VARCHAR(128)
SHIPPED	Y/N Indicator. Y indicates the UIN was shipped and is ready to be received.	Yes	VARCHAR(1)
RECEIVED	Y/N Indicator. Y indicates the UIN was received.	Yes	VARCHAR(1)
DAMAGED	Y/N Indicator. Y indicates the UIN was received as damaged. If a UIN is marked damaged ("Y"), then the carton status cannot be in "Received" status and an error should prevent this delivery from uploading.	Yes	VARCHAR(1)

Example CSV File

IDL-TRANSFERDELIVERYUIN-5000.csv

5000,20000,20000,12345678901233,testuin2,Y,N,N

Data Definition

Valid Status For Pre-Existing UIN: (0) In Stock, (1) Sold, (2) Shipped To Warehouse, (5) Shipped To Vendor, (12) Shipped To Finisher, (6) Removed From Inventory, (8) Missing, (11) Customer Fulfilled

Supported Locales

Table 2-70 Locale ID Values

LOCALE_ID	LOCALE_LANGUAGE	LOCALE_DESCRIPTION
1	en	English
2	de	German
3	fr	French
4	es	Spanish
5	ja	Japanese
6	ko	Korean
7	ru	Russian
8	zh	Chinese
9	tr	Turkish
10	hu	Hungarian
11	zh	Traditional Chinese
12	pt	Brazilian Portuguese

Table 2-70 (Cont.) Locale ID Values

LOCALE_ID	LOCALE_LANGUAGE	LOCALE_DESCRIPTION
13	ar	Arabic
15	hr	Croatian
18	nl	Dutch
20	el	Greek
22	it	Italian
26	pl	Polish
31	sv	Swedish
32	sq	Albanian
33	hy	Armenian
34	az	Azerbaijani
35	be	Belarusian
36	bn	Bengali
37	bs	Bosnian
38	bg	Bulgarian
39	my	Burmese
40	cs	Czech
41	da	Danish
42	et	Estonian
43	fil	Filipino
44	fi	Finnish
45	ka	Georgian
46	he	Hebrew
47	hi	Hindi
48	id	Indonesian
49	kk	Indonesian
50	km	Khmer
51	lo	Lao
52	lv	Latvian
53	lt	Lithuanian
54	ms	Malay
55	no	Norwegian
56	ro	Romanian
57	sr	Serbian
58	sk	Slovak
59	sl	Slovene
60	th	Thai
61	uk	Ukrainian
62	ur	Urdu
63	uz	Uzbek

Table 2-70 (Cont.) Locale ID Values

LOCALE_ID	LOCALE_LANGUAGE	LOCALE_DESCRIPTION
64	vi	Vietnamese

3

Reporting

EICS can produce reports for retails to view.

Reports are generated from within the functional areas of EICS and includes information about shipping documentation, delivery reports, pick detail reports and so on. EICS uses a report screen to preview the report by sending the request parameters as report name and required parameter for the corresponding listed reports.

This section covers the following:

- [Report URL Locations](#)
- [Previewing a Report](#)
- [EICS Operational Reports](#)

Report URL Locations

The URL Location for each report type:

Table 3-1 Report URL Location

Type	URL Location
Customer Order Report	/BIP_SIOCS_REPORTS_FOLDER /CustomerOrder Report/ CustomerOrderReport.xdo
Customer Order Bin Label Report	/BIP_SIOCS_REPORTS_FOLDER /CustomerOrderB inLabelReport/ CustomerOrderBinLabelReport.xdo
Customer Order Delivery Report	/BIP_SIOCS_REPORTS_FOLDER /CustomerOrder DeliveryReport/ CustomerOrderDeliveryReport.xdo
Customer Order Delivery BOL Report	/BIP_SIOCS_REPORTS_FOLDER / CustomerOrderDeliveryBOLReport/ CustomerOrderDeliveryBOLReport.xdo
Customer Order Pick Report	/BIP_SIOCS_REPORTS_FOLDER /CustomerOrderP ickReport/ CustomerOrderPickReport.xdo
Customer Order Pick Discrepancy Report	/BIP_SIOCS_REPORTS_FOLDER /CustomerOrderP ickDiscrepancyReport/CustomerOrderPickDiscrepancyReport.xdo
Customer Order Reverse Pick Report	/BIP_SIOCS_REPORTS_FOLDER / CustomerOrderReversePickReport/ CustomerOrderReversePickReport.xdo
Direct Delivery Report	/BIP_SIOCS_REPORTS_FOLDER /DirectDeliveryR eport/ DirectDeliveryReport.xdo
Direct Delivery AGSN Report	/BIP_SIOCS_REPORTS_FOLDER /VendorDeliveryAGSNReport/ VendorDeliveryAGSNReport.xdo
Direct Delivery Discrepant Item Report	/BIP_SIOCS_REPORTS_FOLDER /DirectDeliveryDi screpantItemsReport/DirectDeliveryDiscrepantItemsRe port.xdo
Direct Delivery Label Report	/BIP_SIOCS_REPORTS_FOLDER /VendorDeliveryLabel/ VendorDeliveryLabel.xdo

Table 3-1 (Cont.) Report URL Location

Type	URL Location
Inventory Adjustment Report	/BIP_SIOCS_REPORTS_FOLDER /InventoryAdjust mentReport/ InventoryAdjustmentReport.xdo
InventoryAdjustmentAGSNRep ort	/BIP_SIOCS_REPORTS_FOLDER /InventoryAdjustmentAGSNReport/ InventoryAdjustmentAGSNReport.xdo
Item Basket Report	/BIP_SIOCS_REPORTS_FOLDER /ItemBasketReport/ ItemBasketReport.xdo
Item Detail Report	/BIP_SIOCS_REPORTS_FOLDER /ItemDetailRepor t/ ItemDetailReport.xdo
Purchase Order Report	/BIP_SIOCS_REPORTS_FOLDER /PurchaseOrderR eport/ PurchaseOrderReport.xdo
RFID History Report	/BIP_SIOCS_REPORTS_FOLDER /RFIDHistoryReport/ RFIDHistoryReport.xdo
RTV Report	/BIP_SIOCS_REPORTS_FOLDER /RTVReport/RTV Report.xdo
RTV Shipment Report	/BIP_SIOCS_REPORTS_FOLDER /VendorShipmentReport/ VendorShipmentReport.xdo
RTV Shipment BOL Report	/BIP_SIOCS_REPORTS_FOLDER /VendorShipmentBOLReport/ VendorShipmentBOLReport.xdo
RTV Shipment Container Report	/BIP_SIOCS_REPORTS_FOLDER /VendorShipmentCartonReport/ VendorShipmentCartonReport.xdo
RTV Shipping Label Report	/BIP_SIOCS_REPORTS_FOLDER /VendorShippingLabel/ VendorShippingLabel.xdo
Scan List Report	/BIP_SIOCS_REPORTS_FOLDER /ReplenishmentGapReport/ ReplenishmentGapReport.xdo
Shelf Adjustment Report	/BIP_SIOCS_REPORTS_FOLDER /ShelfAdjustment Report/ ShelfAdjustmentReport.xdo
Shelf Replenishment Report	/BIP_SIOCS_REPORTS_FOLDER /ShelfReplenishm entReport/ ShelfReplenishmentReport.xdo
Stock Count All Location Report	/BIP_SIOCS_REPORTS_FOLDER /StockCountAllLo cReport/ StockCountAllLocReport.xdo
Stock Count Report	/BIP_SIOCS_REPORTS_FOLDER /StockCountReport/ StockCountReport.xdo
Stock Count Export Report	/BIP_SIOCS_REPORTS_FOLDER /StockCountExpo rtReport/ StockCountExportReport.xdo
Stock Count Rejected Item Report	/BIP_SIOCS_REPORTS_FOLDER /StockCountRejec tedItemReport/ StockCountRejectedItemReport.xdo
Store Order Report	/BIP_SIOCS_REPORTS_FOLDER /StoreOrderReport/ StoreOrderReport.xdo
Transfer Report	/BIP_SIOCS_REPORTS_FOLDER /TransferReport/ TransferReport.xdo
Transfer Receiving Report	/BIP_SIOCS_REPORTS_FOLDER /TransferDelivery Report/ TransferDeliveryReport.xdo
Transfer Receiving AGSN Report	/BIP_SIOCS_REPORTS_FOLDER /TransferDeliveryAGSNReport/ TransferDeliveryAGSNReport.xdo
Transfer Receiving Exception Report	/BIP_SIOCS_REPORTS_FOLDER /TransferDelivery ExceptionReport/ TransferDeliveryExceptionReport.xdo

Table 3-1 (Cont.) Report URL Location

Type	URL Location
Transfer Receiving Label Report	/BIP_SIOCS_REPORTS_FOLDER /TransferDelivery Label/ TransferDeliveryLabel.xdo
Transfer Shipment Report	/BIP_SIOCS_REPORTS_FOLDER /TransferShipmen tReport/ TransferShipmentReport.xdo
Transfer Shipment BOL Report	/BIP_SIOCS_REPORTS_FOLDER /TransferShipmen tBolReport/ TransferShipmentBolReport.xdo
Transfer Shipment Container Report	/BIP_SIOCS_REPORTS_FOLDER /TransferShipmen tCartonReport/ TransferShipmentCartonReport.xdo
Transfer Shipping Label Report	/BIP_SIOCS_REPORTS_FOLDER /TransferShippin gLabel/ TransferShippingLabel.xdo

**Note:**

<BIP_SIOCS_REPORTS_FOLDER> is the folder where EICS reports have been uploaded on the BI Publisher server. If EICS reports are uploaded to the SIOCS folder, the folder is /SIOCS.

Security Considerations

Customer Administration User must create an IDCS user with the following BI groups assigned to access the report endpoints. TENANT_ID is the tenant ID of the DIS tenant on-boarded as part of the customer environment provisioning. The user credentials must then be configured on the *Credential Administration* screen. Refer to Chapter 6 - Technical Maintenance Screens / Credential Administration section for more details.

IDCS groups required

- <TENANT_ID>-BIConsumer
- <TENANT_ID>-BIContentAuthor

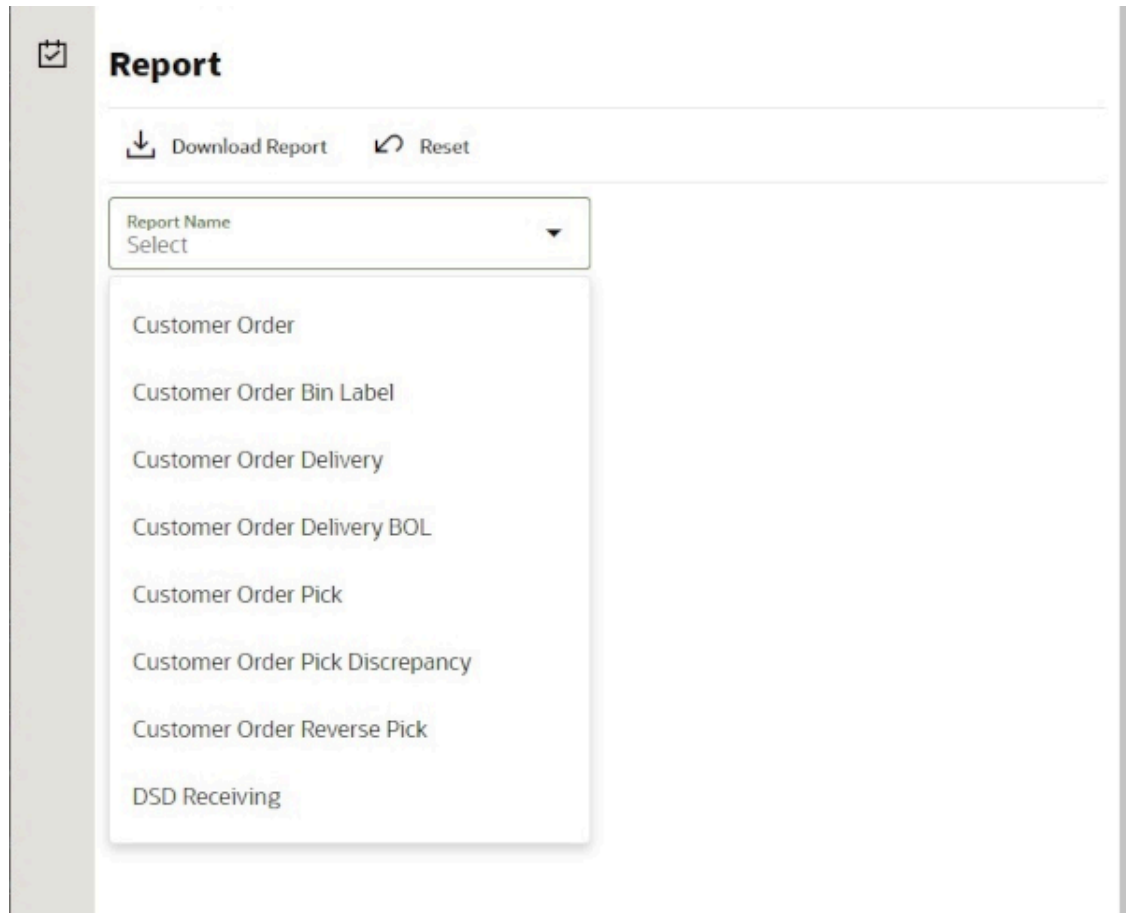
Example:

DIS URL: <https://gbua.eu-xxxxxx-x.oci.oraclecloud.com/abcdefgh/xmlpserver>

IDCS Groups: abcdefgh-BIConsumer and abcdefgh-BIContentAuthor

Previewing a Report

Users can download the report from EICS JET UI Home/Operations/Report.

Figure 3-1 Reports Screen

EICS Operational Reports

The following list shows the EICS Operational Reports.

Table 3-2 Operational Reports

Report Name	Report Parameters	Primary Views or Tables
Customer Order Bin Label Report	PICK_ID, COPIES	RPRT_FUL_ORD_BIN_V
Customer Order BOL Report	DELIVERY_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_FUL_ORD_DLV_BOL_V
Customer Order Delivery Report	DELIVERY_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_FUL_ORD_DLV_V
Customer Order Pick Discrepancy Report	PICK_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_FUL_ORD_PICK_DISC_V
Customer Order Pick Report	PICK_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_FUL_ORD_PICK_V

Table 3-2 (Cont.) Operational Reports

Report Name	Report Parameters	Primary Views or Tables
Customer Order Report	ORDER_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_FUL_ORD_V
Customer Order Reverse Pick Report	REVERSE_PICK_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_FUL_ORD_RV_PICK_V
Direct Delivery AGSN Report	CARTON_ID,COPIES	DSD_LINE_ITEM_UIN, ITEM_UIN
Direct Delivery Discrepant Items Report	RECEIPT_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_DSD_DISCREPANT_IT M_V, RPRT_DSD_V
Direct Delivery Label Report	CARTON_ID,LOCALE_ID	STORE,DSD,DSD_CARTON,DS D_LINE_ITEM,SUPPLIER,ADDR ESS,ITEM
Direct Delivery Report	RECEIPT_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_DSD_V, NOTES
Inventory Adjustment AGSN Report	INV_ADJUST_ID, COPIES	ITEM_UIN, INV_ADJUST_LINE_ITEM_UIN
Inventory Adjustment Report	INV_ADJUST_ID, LOCALE_ID,STORE_TIMEZONE ,COPIES	RPRT_INV_ADJUST_V, CONFIG_SYSTEM
Item Basket Report	ITEM_BASKET_ID,LOCALE_ID, STORE_TIMEZONE,COPIES	RPRT_ITEM_BASKET_V, NOTES
Item Detail Report	ITEMID,STOREID,LOCALE_ID,S TORE_TIMEZONE,COPIES	STORE_SEQUENCE_ITEM,STO RE_SEQUENCE_AREA,REPOR T_TEMPLATE,TSF_ALLOCATIO N,ITEM,WAREHOUSE,RPRT_IT EM_DE TAIL_V
Purchase Order Report	PURCHASE_ORDER_ID,LOCAL E_ID,STORE_TIMEZONE,COPIE S	RPRT_PURCHASE_ORD_V ,RP RT_DSD_V
RFID History Report	ITEM_ID, FROM_DATE, TO_DATE, LOCALE_ID, COPIES	RPRT_RFID_HISTORY_V
RTV Report	RETURN_ID,LOCALE_ID,STOR E_TIMEZONE,COPIES	RPRT_RTV_V
RTV Shipment BOL Report	SHIP_NUMBER,LOCALE_ID,ST ORE_TIMEZONE,COPIES	RPRT_RTV_SHIP_BOL_V, NOTES
RTV Shipment Container Report	CARTON_ID,LOCALE_ID,STOR E_TIMEZONE,COPIES	RPRT_RTV_SHIP_V
RTV Shipment Report	SHIP_NUMBER,LOCALE_ID,ST ORE_TIMEZONE,COPIES	RPRT_RTV_SHIP_V
RTV Shipping Label Report	CARTON_ID,LOCALE_ID, COPIES	RPRT_RTV_SHIP_BOL_V,RTV_ SHIP,CODE_DETAIL

Table 3-2 (Cont.) Operational Reports

Report Name	Report Parameters	Primary Views or Tables
Scan List Report	REPLENISH_GAP_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	RPRT_REPLENISH_GAP_V,NOTES
Shelf Adjustment Report	SHELF_ADJUST_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	RPRT_SHELF_ADJUST_V,NOTES
Shelf Replenishment Report	SHELF_REPLENISH_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	RPRT_SHELF_REPLENISH_V,NOTES
Stock Count All Location Report	STORE_ID,STOCK_COUNT_ID,COPIES	RPRT_STOCK_COUNT_V
Stock Count Detail Report	STOCK_COUNT_ID,STOCK_COUNT_CHILD_ID,STORE_TIMEZONE,PHASE,COPIES,LOCALE_ID	RPRT_STOCK_COUNT_V,NOTES
Stock Count Export Report	STOCK_COUNT_ID,COPIES	STOCK_COUNT_LINE_ITEM,STOCK_COUNT,STOCK_COUNT_LINE_ITEM_UIN
Stock Count Rejected Item Report	LOCALE_ID,COPIES,STOCK_COUNT_ID	RPRT_STOCK_COUNT_NOF_V
Store Order Report	STORE_ORDER_ID,STORE_TIMEZONE,LOCALE_ID	RPRT_STORE_ORDER_V,STORE_ORDER,STORE_ORDER_CFA,STORE_ORDER_CDA,CUSTOM_ATT_ADMIN
Transfer Receiving AGSN Report	CARTON_ID,COPIES	TSF_DELV_LINE_ITEM_UIN,ITEM_UIN
Transfer Receiving Exception Report	DELIVERY_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	RPRT_TSF_DELV_V
Transfer Receiving Label Report	CARTON_ID,LOCALE_ID	RPRT_TSF_DELV,TSF_DELV_CARTON,TSF_DELV_LINE_ITEM,STORE,ADDRESS,WAREHOUSE,PARTNER,TSF_CODE_DETAIL
Transfer Receiving Report	DELIVERY_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	TSF_DELV,TSF_DELV_CARTON,TSF_DELV_LINE_ITEM,ITEM,STORE_ITEM_STOCK,STORE,WAREHOUSE,PARTNER,CONFIG_SYSTEM,NOTES
Transfer Report	TRANSFER_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	RPRT_TRANSFER_V
Transfer Shipment BOL Report	SHIPMENT_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	TSF_SHIP,TSF_SHIP_CARTON,TSF_SHIP_LINE_ITEM,ITEM,CONFIG_SYSTEM,SHIPMENT_BOL,SHIPMENT_CARTON_DIM,SHIPMENT_CARRIER_SERVICE,SHIPMENT_CARRIER,STORE,ADDRESS,NOTES

Table 3-2 (Cont.) Operational Reports

Report Name	Report Parameters	Primary Views or Tables
Transfer Shipment Container Report	CARTON_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	TSF_SHIP,TSF_SHIP_CARTON,TSF_SHIP_LINE_ITEM,ITEM,STORE,WAREHOUSE,PARTNER,CONFIG_SYSTEM,SHIPMENT_REASON
Transfer Shipment Report	SHIPMENT_ID,LOCALE_ID,STORE_TIMEZONE,COPIES	RPRT_TSF_SHIP_V,NOTES
Transfer Shipping Label	CARTON_ID,LOCALE_ID	TSF,TSF_SHIP,TSF_SHIP_CARTON,TSF_SHIP_LINE_ITEM,ITEM,SHIPMENT_BOL,STORE,ADDRESS,CODE_DETAIL,PARTNER,WAREHOUSE

Using BI Publisher for Custom Reports

The ability to utilize Oracle Business Intelligence Publisher (BI Publisher) for custom reports is available as part of your EICS service subscription and is the only option available for creating custom reports against the live production database. Other reporting tools can be used, but must be based on other data sources, such as the replicated data in the Retail Data Store (RDS) or the Data Access Schema (DAS).

Accessing BI Publisher

In a SaaS implementation, you will access BI Publisher using a URL like this, where the hostname is replaced with that which is relevant for your implementation:

```
https://<hostname>/<tenantname>/xmlpserver
```

In order to create reports, you will need to ensure you have the below privileges assigned to your user ID through IDCS:

- <tenantId>-BIConsumer
- <tenantId>BIContentAuthor
- <tenantId>DVConsumer
- <tenantId>DVContentAuthor

Creating a BI Publisher Report

BI Publisher supports creating a number of different types of reports, including reports with charts, table-based report, and so on. For details on how to create reports in BI Publisher, see the Oracle Fusion Middleware Report Designer's Guide for Oracle Business Intelligence Publisher, especially Chapter 2 on creating and editing reports. As you build your reports consider the input parameters that are available based on where the report will be displayed. Details on the available parameters for the reports are available in section EICS Operational Reports.



Note:

Custom reports in a user's My Folder will not be backed up by Oracle but could be manually backed up by the user. Otherwise, all custom reports should be saved in the Shared Folders/Custom folder to ensure that they are included in the backup/restoration processes.

Displaying a BI Publisher Report

Once you have created your report, you'll need to identify the URL for the report. The basic URL structure will be:

`http://<hostname>/<tenantname>/xmlpserver/<ReportDirectory>/<ReportName>.xdo`

- *hostname* and *tenantname* - will be the hostname and tenant ID for your Merchandising BI Publisher implementation
- *xmlpserver* - this is a static string
- *ReportDirectory* - folder path to the report
- *ReportName.xdo* - the filename you gave the report; if the name has spaces, then use a + between words

Opening a BI Publisher Report from Retail Home

In Retail Home, custom BI Publisher reports can be configured to launch directly from within the platform.

How to configure a report in retail home:

1. In the Dashboard Configuration screen, create a new dashboard tile as shown below. Override the URL with the full report location.

Figure 3-2 Create Dashboard Tile

Create Dashboard Tile

Tile Name
Stock Count Report

Application
Oracle Retail Home

URL
https://rgbu.gbua.ocs.oc-test.com/brqye64m8tdcw47h7rjb/xmlpser
Enter 1000 or fewer characters.

Override URL
☒

OK and Add Another Cancel OK

URL Structure

`http://<hostname>/<tenantname>/xmlpserver/<ReportDirectory>/<ReportName>.xdo`

- *hostname* and *tenantname* - will be the hostname and tenant ID for your Merchandising BI Publisher implementation
- *xmlpserver* - this is a static string
- *ReportDirectory* - folder path to the report
- *ReportName.xdo* - the filename you gave the report; if the name has spaces, then use a + between words

- From 1 Tiles, select the newly created Tile Name and navigate to 3 Layouts.

Figure 3-3 Retail Home Dashboard Tiles

Tile Name	Tile Color	URL	Default State Icon	Type
Application Navigator	Jungle			Application
Role Requests	Royal			Application
Stock Count Report	Chestnut	https://rgbu.gbua.ocs.oc-test.com		Application

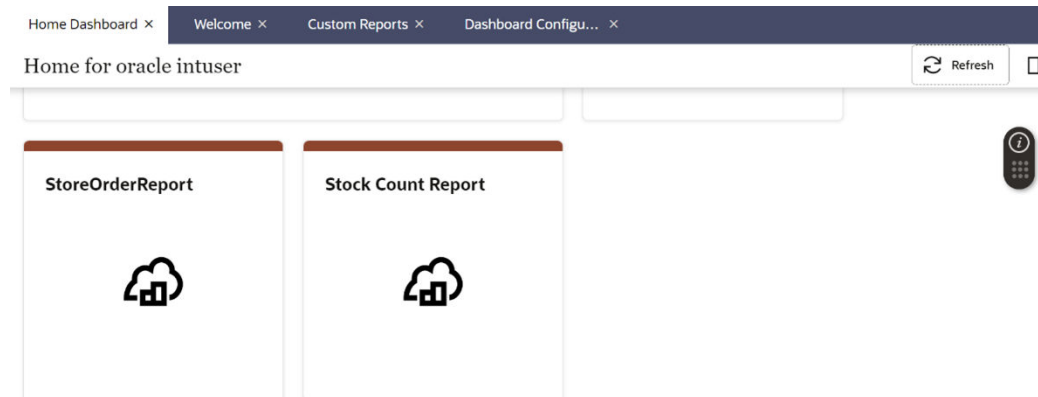
- In 3 Layouts, click the + button to add the newly created Tile to Retail Home Admin, as shown below:

Figure 3-4 Retail Home Dashboard Layouts

Role	Tile Layout
RETAIL_HOME_ADMIN	Application Navigator (2x2) Role Requests (1x1) Subscriptions (1x1) StoreOrderReport (1x1)

- Navigate to the Home screen and click Refresh. The newly added tile is displayed, as shown below. To launch the report, click the tile. This opens the report in BI publisher.

Figure 3-5 Retail Home — Home Dashboard



BI Publisher Reports Delivery Through Object Storage

Delivering scheduled reports through Object Storage

For details on how to set up reports delivery through object storage, refer to Set Output Options in Oracle Cloud Visualizing Data and Building Reports in Oracle Analytics Cloud.

While adding the destination for the report's delivery as Object Storage, you will need the following set of inputs that are required to push the file to object storage:

1. **Server** – The server is preconfigured as OS for any tenant. OS must always be selected.
2. **Prefix** – The prefix under the object storage bucket where the file will be uploaded
3. **File Name** – The file name with which the scheduled report output will be delivered to the object storage.

For example:

Figure 3-6 Object Storage

Object Storage		Output
		All
Server	OS	
Prefix	exports	
File Name	StockCountExportReport.pdf	

Downloading the BI Publisher reports from Object Storage

Once the reports are sent to object storage, use the createPar service to download the files. This service is available in Retail Home; it generates a PAR (Pre-authenticated Request) to download the file.

For more details on this, refer to the Retail Home documentation.

4

Internationalization

Internationalization is the process of creating software that can be translated easily. SIOCS has been internationalized to support multiple languages.

This section covers the following:

- [Supported Locales](#)
- [SOCS Client Translations](#)
- [EICS Client Translations](#)
- [EICS Server Translations](#)
- [Translation Topics](#)
- [Translation Keys](#)
- [Translation Setup Screen](#)
- [Translation File Upload](#)
- [Report Translations](#)

Supported Locales

SIOCS supports translation into following locales:

1. Arabic
2. Chinese (Simplified)
3. Chinese (Traditional)
4. Croatian
5. Dutch
6. English
7. French
8. German
9. Greek
10. Hungarian
11. Italian
12. Japanese
13. Korean
14. Polish
15. Portuguese (Brazilian)
16. Russian
17. Spanish

18. Swedish

19. Turkish

Apart from these, extension hooks are added for following new locales on EICS:

1. Albanian

2. Armenian

3. Azerbaijani

4. Belarusian

5. Bengali

6. Bosnian

7. Bulgarian

8. Burmese

9. Czech

10. Danish

11. Estonian

12. Filipino

13. Finnish

14. Georgian

15. Hebrew

16. Hindi

17. Indonesian

18. Kazakh

19. Khmer

20. Lao

21. Latvian

22. Lithuanian

23. Malay

24. Norwegian

25. Romanian

26. Serbian

27. Slovak

28. Slovene

29. Thai

30. Ukrainian

31. Urdu

32. Uzbek

33. Vietnamese

Translation records for these locales are defaulted to English. Translation value can be updated for these locales by accessing administration screen.

SOCS Client Translations

Translation of SOCS Graphical User Interface (GUI) and client-based display messages fall under this category.

SOCS client follows an XML format to organize translation records within a translation bundle. Each supported locale will have its own XLF file. For example, translations for French locale could be found under `SimMobileViewControllerBundle_fr.xlf` file. These XLF files are packaged with the rest of the application when the mobile application is built for deployment and any changes to them will require a new deployment of the mobile application.

EICS Client Translations

Translation of EICS Graphical User Interface (GUI) and client-based display messages fall under this category.

EICS Admin UI translations relies on following two bundle categories:

- Framework bundles: owned by JET/JRAF/LUX.
- EICS bundles: owned by EICS.

All these bundles are merged at runtime to provide an overall translation bundle which is used to provide translated UI content.

EICS owned translation are maintained in the EICS database. EICS client translation bundle is generated at runtime depending on the user locale and is applied on top of framework bundles by a custom plugin to provide an overall translation bundle for the client.

EICS Server Translations

Translation of server data, report data, notifications, server error messages, and other server-based message, fall under this category. These translation records are maintained in EICS database and are translated via a cached server translation provider.

Translation Topics

EICS translation records are grouped under translations topics for ease of management through the administration screens. Each translation key belonging to one of the translation topics below:

Table 4-1 Translation Topics

Translation Topic	Comments
Barcode	Captures translation keys for barcode processors.
Batch	Captures translation keys for batches.
Carrier	Captures translation keys for shipment carrier and carrier services.
Code Info	Captures translation keys for code type and code details.
Configuration	Captures translation keys for system, store and store default configuration parameters.
Custom Attributes	Captures translation keys related to custom attributes.

Table 4-1 (Cont.) Translation Topics

Translation Topic	Comments
Data	Captures translation keys related to system data like status, types and so on.
Date Import	Captures translation keys related to data import.
Delivery Timeslot	Captures translation keys related to delivery timestamps.
Inventory Adjustment Reason	Captures translation keys for inventory adjustment reason codes.
Isn Type	Captures translation keys related to ISN types.
Message	Captures translation keys related to server messages which are mostly error messages.
Non Sellable Type	Captures translation keys for non-sellable types.
Notification	Captures notification related translation keys
Reports	Captures translation keys related to reports.
Retail Home	Captures translation keys related to retail home tile reports.
Security	Captures translation keys for security permissions, groups and roles.
Shipment Reason	Captures translation keys for shipment reason codes.
UI	Captures translation keys related to user interface.

Translation Keys

EICS translation keys follow a dotted naming convention (for example, functional.area.key). The key name also identifies the functional area it belongs to which makes it easy to locate on the Translation Setup EICS Admin Client screen. Each key has a corresponding translation for each language. These translations can be modified using the administration screen.

Translation Setup Screen

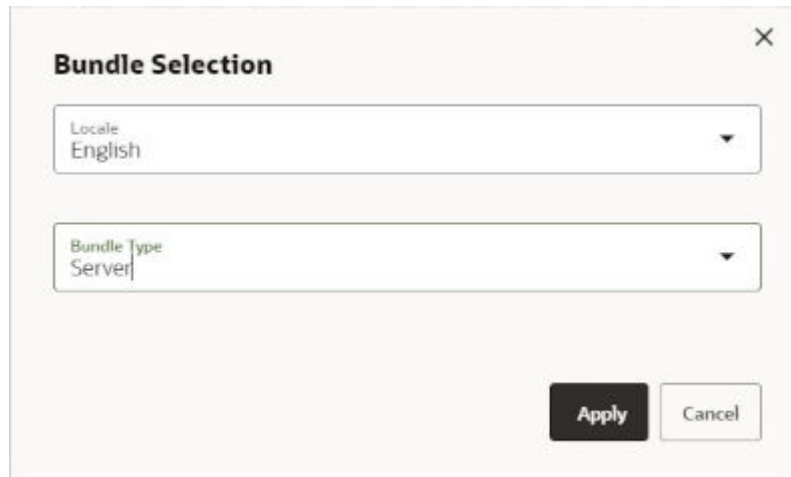
This EICS admin client screen can be used to look up and edit EICS client and server translation records for a translation locale supported by the system. This screen does not support addition and deletion of translation records.

Bundle Selection Dialog

Bundle selection dialog automatically pops up when you navigate to the [Translation Setup Screen](#).

Select a bundle here and click **Apply** to load translation records.

Figure 4-1 Bundle Selection Dialog



- **Locale Selection:** This drop-down will list all the translation locales supported by EICS server.
- **Bundle Type Selection:** This drop-down will list the translation bundles available for customization.

The screen supports following two bundle types:

- **Server:** This bundle identifies EICS Server translation records.
- **Operations UI:** This bundle identifies EICS Client translation records.

Dialog Buttons

- **Apply:** Clicking this button will load the translation records for the selected bundle criteria.
- **Cancel:** Clicking this button will close the dialog without performing any action.

Translation Setup Screen

The screen allows customization of EICS owned translation records only.

Figure 4-2 Translation Setup Screen

Translation Setup

Change Bundle | Locale: English | Bundle Type: Server | Import

Save | Refresh | Grid View Menu

Topic	Key	Translation
Filter	Filter	Filter
Barcode	barcode.attribute.00.description	Serial Shipping Container Code
Barcode	barcode.attribute.00.label	SSCC
Barcode	barcode.attribute.00.type	Product Identification
Barcode	barcode.attribute.01.description	Global Trade Item Number
Barcode	barcode.attribute.01.label	GTIN
Barcode	barcode.attribute.01.type	Product Identification
Barcode	barcode.attribute.02.description	GTIN of Contained Trade Items
Barcode	barcode.attribute.02.label	Content
Barcode	barcode.attribute.02.type	Product Identification
Barcode	barcode.attribute.10.description	Batch Or Lot Number
Barcode	barcode.attribute.10.label	Batch/Lot
Barcode	barcode.attribute.10.type	Product Identification
Barcode	barcode.attribute.11.description	Production Date (YYMMDD)
Barcode	barcode.attribute.11.label	Prod Date
Barcode	barcode.attribute.11.type	Dates
Barcode	barcode.attribute.12.description	Due Date (YYMMDD)
Barcode	barcode.attribute.12.label	Due Date
Barcode	barcode.attribute.12.type	Dates
Barcode	barcode.attribute.13.description	Packaging Date (YYMMDD)
Barcode	barcode.attribute.13.label	Pack Date
Barcode	barcode.attribute.13.type	Dates
Barcode	barcode.attribute.15.description	Best Before Date (YYMMDD)
Barcode	barcode.attribute.15.label	Best Before

Detail

Edit | Apply | Cancel

Topic
Barcode

Key
barcode.attribute.02.description

Translation
GTIN of Contained Trade Items

Description

Navigation: Main Menu/Admin/Translations/Translation Setup

Search Bar Options

- **Change Locale:** Clicking this button will popup bundle selection dialog.
- **Filter criteria:** This area displays the current search criteria.
- **Import:** Clicking this button will display the file import dialog. Refer to [Translation File Upload](#) section for more details.

List Buttons

- **Save:** Saves any changes made to the translation records.
- **Refresh:** Refreshes the translation records by loading them again.
- **Grid View Menu:** It's a drop-down menu that provides access to options like reset view, enable/disable column filter and export grid data to a CSV file.

List Attributes

- **Topic:** Translation topic for the translation record.
- **Key:** Translation key for the translation record.
- **Translation:** Actual translated text for the translation record.
- **Description:** Any additional description for the translation record.

Detail Buttons

- **Edit:** Enable editing of translation record.
- **Apply:** Apply changes to the translation record.
- **Cancel:** Cancel any changes made to the translation record.

Detail Attributes

- **Topic:** Translation topic for the translation record. It is not editable.
- **Key:** Translation key for the translation record. It is not editable.
- **Translation:** Actual translated text for the translation record. It is editable.
- **Description:** Any additional description for the translation record. It is editable.

In addition to the Translation Setup screen, the system maintains translation records for the following JET screens:

Table 4-2 Translation Data JET Screens

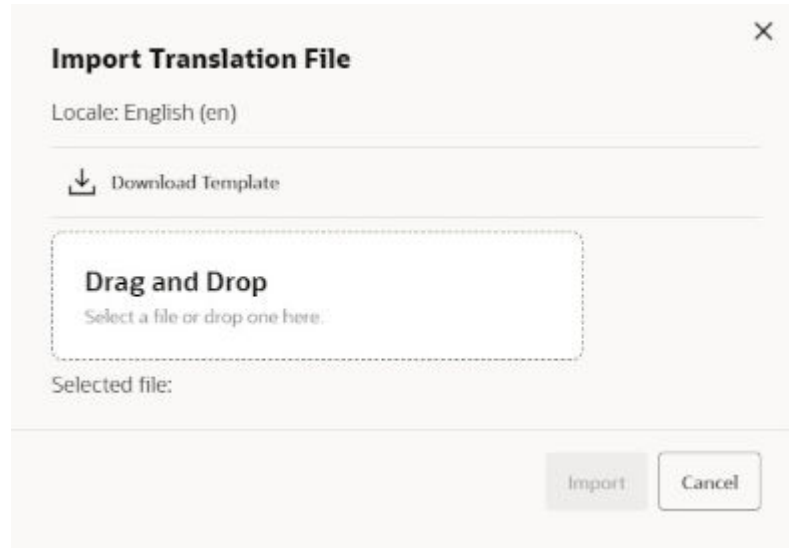
JET Screen	Column
Barcode Processor	Processor Name
Carrier	Description
Carrier Service	Description
Code Info	Description
Inventory Adjustment	Description
Shipment Reason	Description
Sub-bucket	Description
Custom Flexible Attribute	Display Label
Role Detail	Description

Translation File Upload

Translation Setup Screen allow the user to upload translations file. This allows the user to update translations in a file and import that file into the product.

Clicking on the **Import** button on **Translation Setup Screen** displays this dialog that can be used to download the template and upload updated files for the current locale.

Figure 4-3 Import Translation File



- **Locale:** It displays the selected locale.
- **Download Template:** Clicking on this button downloads a template CSV file which can be used to edit translation values across all available bundles for the selected locale. It does not matter which bundle is currently selected on the **Translation Setup Screen**. The file name would be of the format SIOCS_Translations_<locale>_Template.xlsx where locale is the selected locale.
- **Drag and Drop:** To select an updated file for import, the file can be dragged and dropped into the 'Drag and Drop' space on the dialog. Alternatively, a user can browse the file using the file selection wizard by clicking inside the 'Drag and Drop' space. File size should be > 0 MB and <= 5MB and should belong to the selected locale.
- **Selected File:** It displays the name of the selected file.
- **Import:** Clicking this button initiates the file import process. If there were any errors in the processing, an error file will be generated, and the user will be prompted if they want to save the file.
- **Cancel:** Clicking this button will close the dialog without taking any action.

Report Translations

Translation of report templates fall under this category. EICS provides XLF files for each report. At runtime BI publisher identifies the user locale and selects the appropriate XLF file to translate report template.

5

Batches

This section information describes the following topics:

- [Overview](#)
- [Batch Admin Users](#)
- [Batch Configuration](#)
- [Operational Batches](#)
- [Cleanup Batches](#)
- [System Process Batches](#)
- [Batch Job Administration](#)
 - [Administered by POM](#)
 - [Administered by EICS](#)

Overview

The batch processes are designed to process large volume of data.

These jobs are mostly used to perform background operations on the transaction and includes such tasks as generation of a transaction, closing the transaction after a specified date is passed, auto confirmation of the transaction, and so on.

Please see the [Cleanup Batches](#) section for details on clean up batches.

Batch Admin Users

The following list shows the batch related users. For additional details, please see the *Oracle Retail Enterprise Inventory Cloud Service User Guide*.

Table 5-1 Batch Users and Roles

Job Duties	SIOCS Application Role	IDCS or OCI IAM Application Role
Manage Batch System Configuration	ADMINISTRATOR	admin_users
Access SIOCS Job Admin UI	ADMINISTRATOR	admin_users
Manage SIOCS Adhoc Job	ADMINISTRATOR	batch_users

Batch Configuration

To access the System Configuration screen, navigate Main Menu/Admin /Configuration / System Administration. To view the Batch configuration, filter by Batch topic.

Operational Batches

Operational batches are used to perform background operations on the transaction and includes such tasks as generation of a transaction, closing the transaction after a specified date is passed, auto confirmation of the transaction, and so on.

- Auto Inventory Adjustment
- Auto Replenish Capacity
- Auto Ticket Generate
- Auto Ticket Print
- Clearance File Import
- Generate Problem Line Stock Count
- Generate Unit Amount Stock Count
- Generate Unit Stock Count
- Initial Foundation Data File Import
- Initial Inventory Import
- Initial Store Data File Import
- Inventory Extract Export
- Item Basket Maintenance
- Item Price ICL Import Batch
- Price Change File Import
- Retail Sale Audit Import Batch
- Shelf Replenishment Closure
- Stock Count Authorize Recovery
- Stock Count Auto Cancel
- Stock Count Export
- Stock Count Unit and Amount Snapshot
- Store Order Auto Approve
- Store Order Auto Cancel
- Store Order Auto Generate
- Store Sequence Import
- Third Party Price Import Batch
- Third Party RFID File Import Batch
- Third Party Stock Count Import
- Warehouse Available Inventory Import

Auto Inventory Adjustment

Auto inventory adjustment is the process through which inventory is reduced/increased over time via automatic inventory adjustments.

This functionality helps retailers to do automatic adjustment either to increment or decrement the available inventory for various reasons like wastage for fresh produce which has a short shelf life.

To maintain more accurate inventory values, EICS auto adjustment functionality provides users the ability to create product group type of Auto Inventory Adjustment. Adjustment percentage or standard UOM amounts can be setup on the product group detail and assigned to individual items and/or the item hierarchy.

A user can schedule the date when the auto adjustment batch process must run and when inventory adjustments are automatically made based upon the reason code and its corresponding disposition, and adjustment quantities setup on the product group.

The batch program fetches the auto inventory adjustment product groups that are scheduled and open to be run for the current date and apply the Auto Adjustment percentage or SUOM amount to each item in the product group.

When setting up a product group, the adjustment SUOM and or adjustment % may be entered.

If a percentage and SUOM exist on the product group, the batch program will apply the least amount of the two.

The batch program considers the reason code attached to the product group and its corresponding disposition to adjust the inventory.

The system supports the following adjustment dispositions that can be attached to the product group.

Out to ATS: the system will increment the available inventory.

ATS to out: the system will decrement the available inventory.

The system adjusts the inventory and creates transaction history records using the adjustment reason attached to the product group. Actual inventory adjustment records do not get created. The adjustments will then be sent over the RIB to the merchandising system.

Batch Job Definition Name

AutoInventoryAdjustment_OpsJob

Batch Job Parameters

<input_date>input_dateinput date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

Key Tables

Table 5-2 Key Tables for Auto Inventory Adjustment

Table	Select	Insert	Update	Delete
inv_adjust_reason	Yes			
product_group_item	Yes			
product_group_hierarchy	Yes			
product_group_sched_store	Yes		Yes	
product_group_schedule	Yes			
product_group	Yes			
store_item	Yes			

Table 5-2 (Cont.) Key Tables for Auto Inventory Adjustment

Table	Select	Insert	Update	Delete
store_item_stock	Yes		Yes	
store_item_stock_history	Yes	Yes		
mps_staged_message		Yes		

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Auto Replenish Capacity

This job automatically updates the shopfloor to capacity for certain items based on a product group.

Batch Job Definition Name

AutoReplenishCapacity_OpsJob

Batch Job Parameters

<input_date>input_dateinput date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id>

Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables**Table 5-3 Key Tables for Auto Replenish Capacity Batch**

Table	Select	Insert	Update	Delete
config_system	Yes			
shelf_replenish	Yes	Yes	Yes	Yes
shelf_replenish_line_item	Yes	Yes	Yes	Yes

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Auto Ticket Generate

This job automatically generates the item tickets and labels depending on the store parameters for events which are subscribed. The events are price changes, clearance event, promotions, and item description changes.

The batch also generates tickets for future price change events based on **Auto Ticket Generate Future Days** store parameter value that indicates how many days of future price events are considered to generate the tickets when the price events are coming to SIOCS.

Batch Job Definition Name

TicketAutoGenerateFromEvent_OpsJob

Batch Job Parameters

<input_date>input_dateinput date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id>

Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables

Table 5-4 Key Tables for Auto Ticket Generate Batch

Table	Select	Insert	Update	Delete
config_system	Yes			
ticket_event	Yes	Yes	Yes	
ticket	Yes	Yes	Yes	Yes
ticket_format	Yes			

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Auto Ticket Print

This batch sends the tickets generated to the 3rd party printing service. The tickets/labels generated for the items identified in the product group will be automatically sent to the 3rd party printing service.

Batch Job Definition Name

TicketAutoPrint_OpsJob

Batch Job Parameters

<input_date>input_dateinput date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id>

Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables

Table 5-5 Key Tables for Auto Ticket Print Batch

Table	Select	Insert	Update	Delete
config_system	Yes			

Table 5-5 (Cont.) Key Tables for Auto Ticket Print Batch

Table	Select	Insert	Update	Delete
Store_printer	Yes			
ticket	Yes	Yes	Yes	Yes
ticket_format	Yes			

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Clearance File Import

This batch imports the RPCS (Retail Pricing Cloud Service) clearance records via the flat file. The batch processes the records for items ranged in stores (regardless managed or non-managed stores). If the record type is delete, the matching record in the database will be deleted. For a record type of insert/replace/update, the import is UPSERT. If the record does not exist in the database, it will be inserted; if the data already exists in the database, it will be updated.

The price records merge/upsert the data from the staging tables into the application master table ITEM_PRICE on the combination of store/item/pricetype/ ext_price_event_id.

On processing the clearance reset record (reset indicator is 1), all active clearances for that store/item which does not have an end date, that end date will be set to the clearance reset effective date.

File Handling Details

1. File provider application uploads the relevant data files to the import's location in Object Storage via FTS. See [Upload Import Data Files to Object Storage](#) for details.

 Note:

For files from Retail Pricing Cloud Service (RPCS) in legacy cloud services, RPCS price transactions will be sent via BDI File Creator Process flow from RPCS (legacy cloud services) to SIOCS Next Gen Cloud Services object storage import's location.

2. The Import Batch job will download the relevant data files from Object Storage, parse the files and insert the data into staging tables, merge/upsert the data from staging tables into SIOCS master tables, and upload any failed files/ records to the rejects folder to Object Storage.
3. On completion, the data files are moved to archive file locations and will be purged after configured days.
4. On failures, the failed records are written to reject files, and the reject files are sent to object storage reject's location. The error will be visible in by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.
5. To re-run the corrected data files, repeat step 1 and 2.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

ClearanceFileImport_OpsJob

Batch Job Parameters

N/A

Key Tables**Table 5-6 Key Tables for Clearance File Import**

Tables	Select	Insert	Update	Delete
Item_price	Yes	Yes	Yes	Yes
ICL_CLEARANCE	Yes	Yes	Yes	Yes

Generate Problem Line Stock Count

Before the batch process runs, the retailer establishes a group of items and item hierarchies (by associating them to the problem line group type) and selects applicable parameters (negative SOH, negative available, and so on). The problem line batch process goes through the list of items in the group, determining which fall within the parameters. The system automatically creates a stock count from those items that do fall within the parameters.

If an item is a problem line item (negative inventory for example) on a stock count, and the user does not get the chance to perform the stock count on it that day, the next day the item may no longer be a problem line (positive inventory). However, the system continues to create a stock count for that item because a problem existed at one time.

Batch Job Definition Name

GenerateProblemLineStockCount_OpsJob

Batch Job Parameters

<input_date>

Where input date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id> Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables**Table 5-7 Key Tables for Problem Line Stock Count Batch**

Tables	Select	Insert	Update	Delete
group_schedule_extract	Yes	Yes		
prod_group_item_bkdn			Yes	Yes

Table 5-7 (Cont.) Key Tables for Problem Line Stock Count Batch

Tables	Select	Insert	Update	Delete
stock_count	Yes	Yes	Yes	Yes
stock_count_line_item	Yes	Yes	Yes	Yes
stock_count_line_item_u in	Yes	Yes	Yes	Yes
stock_count_child	Yes	Yes	Yes	Yes
product_group_schedule	Yes		Yes	
product_group	Yes			
product_group_sched_st ore	Yes			
item	Yes			
store_item	Yes			
stock_count_line_item	Yes			

Generate Unit Amount Stock Count

This batch program generates Unit Amount stock counts.

On a daily basis, the batch process creates the stock counts that are scheduled for the current day or future date which matches the next scheduled date. The system looks at all the scheduled stock count records and determines whether any are scheduled for today or the user-specified future date. The process creates the stock counts for each individual store. For example, if a scheduled count includes a list of five stores, then five separate stock count records are created.

If an all-location stock count is being run, the batch processing generates individual counts for every macro sequence location.

The date parameter is optional when running the Extract Stock Counts batch. If no date is provided, today's date is used.

Batch Job Definition Name

GenerateUnitAmountStockCount_OpsJob

Batch Job Parameters

<input_date>Where input date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id>

Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables

Table 5-8 Key Tables for Generate Unit Amount Stock Count Batch

Table	Select	Insert	Update	Delete
group_schedule_extract		Yes		Yes
product_group	Yes			
product_group_hierarchy	Yes			
product_group_item	Yes			
product_group_sched_store	Yes			
product_group_schedule	Yes		Yes	
product_group_item_bkdn		Yes		Yes
stock_count	Yes	Yes	Yes	
stock_count_child		Yes	Yes	
stock_count_line_item		Yes	Yes	
stock_count_line_item_uin		Yes	Yes	
item	Yes			
store_item	Yes			
store_item_stock	Yes			
item_component	Yes			

Generate Unit Stock Count

This batch program generates Unit stock counts.

On a daily basis, the batch process creates the stock counts that are scheduled for the current day or future date which matches the next scheduled date. The system looks at all the scheduled stock count records and determines whether any are scheduled for today or the user specified future date. The process creates the stock counts for each individual store. For example, if a scheduled count includes a list of five stores, then five separate stock count records are created.

If the system is configured to use unguided stock counts, the batch process does not generate multiple counts even if the item is located at multiple locations within the store.

The date parameter is optional when running the Extract Stock Counts batch. If no date is provided, today's date is used.

Batch Job Definition Name

GenerateUnitStockCount_OpsJob

Batch Job Parameters

<input_date>

Where input date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id> Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables

Table 5-9 Key Tables for Generate Unit Stock Count Batch

Table	Select	Insert	Update	Delete
group_schedule_extract		Yes		Yes
product_group	Yes			
product_group_hierarchy	Yes			
product_group_item	Yes			
product_group_sched_store	Yes			
product_group_schedule	Yes		Yes	
product_group_item_bkdn		Yes		Yes
stock_count	Yes	Yes	Yes	Yes
stock_count_child		Yes	Yes	Yes
stock_count_line_item		Yes	Yes	Yes
stock_count_line_item_uin		Yes	Yes	
item	Yes			
store_item	Yes			
store_item_stock	Yes			
item_component	Yes			

Initial Foundation Data File Import

This batch imports initial foundation seed data files from external system. See [Standalone Data Seeding](#) in the [Batches](#) chapter for details.

Batch Job Definition Name

StandaloneIdlFileImport_OpsJob

Batch Job Parameters

N/A

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Initial Inventory Import

The Initial Inventory Import batch is used to wipe out the existing SOH data for items in a store and override it with the new SOH data from the third-party/non-Oracle/legacy systems.

This batch is meant to be used **ONLY** during implementation. It is designed for optimal upload to rewrite SOH.

It should not be used after the one-time inventory upload.

**Note:**

UINs must be uploaded only once. Unlike stock on hand, UINs are state driven and control the stock on hand. Only new UINs in the flat file will be considered for stock on hand update. As such, if UINs already exist, they will not reflect into the new SOH.

Batch Job Definition Name

InitialInventoryImport_OpsJob

Batch Job Parameters

N/A

File Error Handling

The batch job will be marked as failed if the file staging fails. The staging process is all or none transaction so if an error occurs during the batch process, none of the transactions in the file will be staged. The user will need to rerun the same file again after resolving any errors.

Key Tables

Table 5-10 Key Tables for Initial Inventory Import Batch

Table	Select	Insert	Update	Delete
store_item_stock	Yes		Yes	
item_uin	Yes	Yes	Yes	

Initial Store Data File Import

This batch imports initial store seed data files from external system. See [Standalone Data Seeding](#) in the [Batches](#) chapter for details.

Batch Job Definition Name

StandaloneIdlStoreFileImport_OpsJob

Batch Job Parameters

<store id> Where store id is store identifier.

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Inventory Extract Export

This batch extracts the inventory to a file that has been altered on or after the specified date for the specified store and uploads the file to FTS. The type of upload files is based on system parameter configuration value *Compress inventory extract files into zip file*. The system supports only exporting inventory records for managed stores that support OMNI channel orders.

File Layout

See Inventory Extract Export File Specification.

Batch Job Definition Name

InventoryExtract_OpsJob

Batch Job Parameters

<input_date>

input_dateinput date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

<store id>

Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables

Table 5-11 Key Tables for Inventory Extract Batch

Table	Select	Insert	Update	Delete
STOCK_ITEM_V	Yes			

Item Basket Maintenance

This batch updates the item basket status cancelled when the item basket has expired.

Batch Job Definition Name

ItemBasketMaintenance_OpsJob

Batch Job Parameters

<input_date>Where input_date is defaulted to current timestamp if not specified. It is used for comparing if a record date is a configured number of days prior to the input date. System batch input date format is used for parsing input date if specified.

Key Tables

Table 5-12 Key Tables for Item Basket Maintenance Batch

Table	Select	Insert	Update	Delete
config_system	Yes			
Item_basket	Yes		Yes	

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Item Price ICL Import Batch

This batch program searches the integration pricing event log records from the sourcing system and stage the price change and clearance change log records into SIOCS Integration Change Log Staging tables. The staged change log records will be processed by MPS Worker (DcsPrice) to import staging data into application tables.

Batch Job Definition Name

ItemPriceIclImport_OpsJob

Batch Job Parameters

N/A

Key Tables

Table 5-13 Key Table for Item Price ICL Import Batch

Table	Select	Insert	Update	Delete
ICLS_PRICE_CHANGE	Yes	Yes		Yes
ICLS_CLEARANCE	Yes	Yes		Yes
ITEM_PRICE	Yes	Yes	Yes	Yes

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

POS Transaction Import

This batch imports POS transaction records from the flat file (SIMT-LOG file) that came from Pont of Sale System.

The batch process takes the sales/order transaction data and stages them to the database staging table (POS_TRANSACTION) from where they are picked up by the MPS worker to update the store item's inventory buckets (for example, store item's total quantity, shop floor quantity), if applicable.

The file will contain both sale and order transactions. The batch will assign separate request IDs to sales and order transactions.

For sale transactions, a single request ID cannot contain more than MAX_VALUE = 500 transaction line items with an exception that a single transaction ID cannot span across multiple request IDs.

For order transactions, a single request ID cannot contain more than MAX_VALUE = 500 transaction line items with an exception that a single customer order ID cannot span across multiple request IDs.

The file contains transactions for a single store.

The customer can set the job scheduler to be run multiple times per day by changing the schedule intervals.

File Handling Details

1. File provider application uploads the relevant data files to the import's location in Object Storage via FTS. See: [Upload Import Data Files to Object Storage](#) for details.
2. The Import Batch job will download the relevant data files from Object Storage, parse the files and insert the data into POS_TRANSACTION staging tables, to the rejects folder to Object Storage. If validation errors occurred during loading process, e.g invalid store, or duplicate the extended transaction id exists in POS_TRANSACTION table, then the entire file will be rejected.
3. On completion, the data files are moved to archive file locations and will be purged after configured days.
4. On failures, the reject files are sent to object storage reject's location. The error will be visible in by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.
5. To re-run the corrected data files, repeat step 1 and 2.

File Specification

File Name format: SIMTLOG _<date in YYYYMMDDHH24MISS format>_>loc id>.dat (where loc id is the store identifier)

File Layout: See: [POS Sale Transaction Import File Specification](#).

Batch Job Definition Name

PosTransactionImport_OpsJob

Batch Job Parameters

<File Name>

If not specified, then the data file in incoming directory are processed.

File Error Handling

The batch job will be marked as failed if the loading file to staging table fail. The staging process is all or none transaction so if an error occurs during the batch process, none of the transactions in the file will be staged. The user will need to re-upload the data file after resolving any errors for processing.

Key Tables

Table 5-14 Key Tables for POS Transaction Import Batch

Table	Select	Insert	Update	Delete
pos_transaction	Yes	Yes		
item	Yes			
inv_adjust_reason	Yes			

Price Change File Import

This batch imports the regular price change records via flat files for hybrid pricing integration between price changes on legacy cloud services and SIOCS Next Gen Cloud Services.

The batch processes the records for items ranged in stores (regardless managed or non-managed stores). If the record type is delete, the matching record in the database will be deleted. For a record type of insert/replace/update, the import is UPSERT. If the record does

not exist in the database, it will be inserted; if the data already exists in the database, it will be updated.

File Handling Details

1. File provider application uploads the relevant data files to the import's location in Object Storage via FTS. See [Upload Import Data Files to Object Storage](#) for details.

 Note:

For files from Retail Pricing Cloud Service (RPCS) in legacy cloud services, RPCS price transactions will be sent via BDI File Creator Process flow from RPCS (legacy cloud services) to SIOCS Next Gen Cloud Services object storage imports location.

2. The Import Batch job will download the relevant data files from Object Storage, parse the files and insert the data into staging tables, merge/upsert the data from staging tables into SIOCS master tables, and upload any failed files/ records to the reject's folder to Object Storage.
3. On completion, the data files are moved to archive file locations and will be purged after configured days.
4. On failures, the failed records are written to reject files, and the reject files are sent to object storage rejects location. The error will be visible by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.
5. To re-run the corrected data files, repeat step 1 and 2.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

PriceChangeFileImport_OpsJob

Batch Job Parameters

N/A

Key Tables

Table 5-15 Key Tables for Price Change File Import

Tables	Select	Insert	Update	Delete
item_price	Yes	Yes	Yes	Yes
ICL_PRICE_CHANGE	Yes	Yes	Yes	Yes

Retail Sale Audit Import Batch

This batch program imports sales/order transaction data (ReSA File) that originated in Oracle Retail Xstore Point of Service. The external audit system will provide in its sales upload file a

percentage or quantity that indicates how much the inventory needs to be reduced by, in addition to the sold quantity.

For example, meat will become lighter as fluids evaporate. Other items, for example cheese or ham, will only be reduced when of the outside layers are cut off to sell the item.

The batch process takes the sales transaction data to update the store item's inventory buckets. From the batch program, SIOCS learns about inventory movement (that is, what is sold, what is returned, what is reserved and what is fulfilled). Once SIOCS attains the data, SIOCS assumes that sales should be taken from the store's shelf-related inventory buckets. This assumption is important to SIOCS's shelf replenishment processing. SIOCS assumes that returns should go to the backroom bucket; the system's logic is that returns must be inspected.

The batch takes the sales/order transaction data and stage them to the SIOCS database staging table from where they are picked up by the polling timer framework to update the store item's inventory buckets (for example, store item's total quantity, shop floor quantity), if applicable.

The file will contain both sales and order transactions. The batch job combines the transaction number and register number to form the transaction ID in SIOCS. Request IDs are assigned to the transactions in such a way that a single request ID will not contain more than MAX_SIZE=500 records with an exception that a single transaction ID should not span across multiple request IDs.

During processing staging records, batch also writes each failure record into a transaction log table.

Each job run will pick number of files (defined by Maximum Job Instances Per Batch) in system configuration and process them in multi-threads. The number of files to be processed is default to 20, the value can be configured via system configuration screen.

Customer can set the job scheduler to be run multiple times per day by changing the schedule intervals.

File Specification

File Name format: SIMT_<date in YYYYMMDDHH24MISS format>_<loc id>

Where <loc id> is store id.

File Layout: See [Retail Sale Audit Import File Specification](#).

Batch Job Definition Name

RetailSalesAuditImport_OpsJob

Batch Job Parameters

<File name>

If not specified, then the data file in incoming directory are processed.

File Error Handling

The batch job will be marked as failed if the file staging fails. The staging process is all or none transaction so if an error occurs during the batch process, none of the transactions in the file will be staged. The user will need to rerun the same file again after resolving any errors.

Key Tables

Table 5-16 Key Tables for Retail Sale Audit Import Batch

Tables	Select	Insert	Update	Delete
pos_transaction		Yes		
inv_adjust_reason	Yes			

Shelf Replenishment Closure

The end of day batch process runs at the end of each day to reset the delivery bay and close any open pending shelf replenishments. The system takes the entire inventory from the delivery bay and moves it to the back room. Any pending or in progress shelf replenishment are changed to a cancelled state. Users who are performing a shelf replenishment are kicked out of the system. That is, the batch process takes over the shelf replenishment user's application activity locking. The current user's shelf replenishment process is discarded without being saved. After the batch process is run, all shelf replenishments are either completed or cancelled, and the delivery bay has zero inventory.

Batch Job Definition Name

CleanupShelfReplenishment_OpsJob

Batch Job Parameters

input_date>input_date input date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

Key Tables

Table 5-17 Key Tables for Cleanup Shelf Replenishment Batch

Table	Select	Insert	Update	Delete
shelf_replenish			Yes	
stock_item_stock			Yes	

Stock Count Authorize Recovery

This batch process looks for stock counts that are stuck in Authorize Processing state. This is a unique state that appears when an error occurs during the final processing of a stock count. The batch attempts to fully authorize the stock count. Errors that occur during the batch process are logged to the server error logs and will indicate the reason for any further processing failures. Successfully authorized stock counts will move to authorized completed state.

Batch Job Definition Name

StockCountAuthorizeRecovery_OpsJob

Batch Job Parameters

<input_date>Where input date parameter is defaulted to current timestamp if not specified. System batch input date format is used for parsing input date if specified.

Key Tables**Table 5-18 Key Tables for Stock Count Authorize Recovery Batch**

Tables	Select	Insert	Update	Delete
stock_count	Yes		Yes	
stock_count_child	Yes		Yes	
stock_count_line_item	Yes		Yes	
stock_count_line_item_uin	Yes			
item_uin	Yes		Yes	
store_item	Yes			
store_item_stock			Yes	
product_group_schedule	Yes			
product_group_sched_store	Yes			
store	Yes			
stock_count_sale	Yes			Yes
inv_adjust_reason	Yes			

Stock Count Auto Cancel

This batch finds the stock counts which are not completed or un-executed based on the “Days To Hold Before Auto Canceling Stock Counts”, updates the stock count status as canceled (status = 20), for those stock count in progress and not completed, the open stock counts field in store item stock table will be decremented.

For unit amount stock count, the canceled stock count schedule id/store will be published via MPS Staged Messages (Message Family: StkCountSch, MessageType: StkCountSchDtlDel).

It is recommended to run this batch prior running the “Cleanup Stock Counts” batch.

Batch Job Definition Name

StockCountCancel_OpsJob

Batch Job Parameters

<input_date>

Where input_date is the date parameter to be used to find the matching records, if not specified, it is defaulted to current system timestamp. System batch input date format is used for parsing input date if specified.

Key Tables

Table 5-19 Key Tables for Stock Count Auto Cancel

Table	Select	Insert	Update	Delete
STOCK_COUNT	Yes		Yes	
STORE_ITEM_STOCK	Yes		Yes	
STOCK_COUNT_CANCEL	Yes	Yes	Yes	Yes

Restart/Recovery

This batch can be re-run by starting a new batch job after the issues are resolved.

Stock Count Export

This batch process looks for a stock count that is stuck in approval authorized state during authorizing a unit amount stock count process. This is a unique state that appears when an error occurs during the final processing of a unit amount stock count. The batch attempts to generate stock count export file and set stock count status to authorize complete state. Errors that occur during the batch process are logged to the server error logs and will indicate the reason for any further processing failures.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

StockCountExport_OpsJob

Batch Job Parameters

<stock_count_id>

Where the stock_count_id is the stock count identifier

Key Tables**Table 5-20 Key Tables for Stock Count Export Batch**

Table	Select	Insert	Update	Delete
stock_count	Yes		Yes	
stock_count_child	Yes		Yes	
stock_count_line_item	Yes		Yes	
stock_count_line_item_uin	Yes			
item_uin	Yes		Yes	
store_item	Yes			
stock_count_export	Yes		Yes	Yes

Stock Count Unit and Amount Snapshot

This job takes the snapshot of current inventory for Unit and Amount Type of Stock Counts for the items across all stores or for a specific store.

Batch Job Definition Name

StockCountUnitAndAmountSnapshot_OpsJob

Batch Job Parameters

<store id> Where store id is store identifier. If store id is not specified, then data for all managed stores will be processed in parallel processing.

Key Tables

Table 5-21 Key Tables for Stock Count Unit And Amount Snapshot Batch

Table	Select	Insert	Update	Delete
stock_count	Yes		Yes	
stock_count_child	Yes		Yes	
stock_count_line_item	Yes		Yes	
Store_item	Yes			
store_item_stock	Yes			

Store Order Auto Approve

This batch processes looks for store orders which requested date is X hours of old than the number of hours after create date in SIOCS to approve store orders.

Batch Job Definition Name

StoreOrderAutoApprove_OpsJob

Batch Job Parameters

N/A

Key Tables

Table 5-22 Key Tables for Store Order Auto Approve Batch

Table	Select	Insert	Update	Delete
store_order	Yes		Yes	
store_order_line_item	Yes		Yes	

Store Order Auto Cancel

This batch processes looks for store orders which requested date is X days of old than the system defined **Days to hold before Auto Canceling Store Orders**, and the process attempts to set those store orders to cancel state when applicable.

Batch Job Definition Name

StoreOrderAutoCancel_OpsJob

Batch Job Parameters

N/A

Key Tables**Table 5-23 Key Tables for Store Order Auto Cancel Batch**

Table	Select	Insert	Update	Delete
store_order	Yes		Yes	
store_order_line_item	Yes		Yes	

Store Order Auto Generate

This batch processes generate store order records for store order product group schedules.

Batch Job Definition Name

StoreOrderAutoGenerate_OpsJob

Batch Job Parameters

N/A

Key Tables**Table 5-24 Key Tables for Store Order Auto Generate Batch**

Table	Select	Insert	Update	Delete
store_order	Yes	Yes	Yes	
store_order_line_item	Yes	Yes	Yes	
group_schedule_extract		Yes		Yes
product_group	Yes			
product_group_hierarchy	Yes			
product_group_item	Yes			
product_group_schedule	Yes			
product_group_schedule	Yes		Yes	

Store Sequence Import

This batch imports store sequencing information from a flat file via the File Transfer Service (FTS). Each job run will pick number of files (defined by **Maximum Job Instances Per Batch**) in system configuration and process them in multi-threads. The number of files to be processed is default to 20, the value can be configured via system configuration screen.

The action of the import depends on the optional DELETEALL value in the header record. If DELETEALL is present, the existing records for the store are deleted from the store_sequence_area and store_sequence_item tables. The contents of the import are inserted into the database after the deletion. If DELETEALL is not present, the contents of the import file are merged into the existing data and inserted for new data.

The import validates the store and item ids during the processing. The import will fail if both the specified store and item are not in the store and item table.

Customer can set the job scheduler to be run multiple times per day by changing the schedule intervals.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

StoreSequenceImport_OpsJob

Batch Job Parameters

<File name>

If not specified, then the data file in incoming directory are processed.

File Error Handling

The file loading process is all or none transaction so if an error occurs during the batch process, none of the transactions in the file will be committed. The user will need to rerun the same file again after resolving any errors. The error will be visible in by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.

Key Tables

Table 5-25 Key Tables for Store Sequence Import Batch

Tables	Select	Insert	Update	Delete
store_sequence_area	Yes	Yes	Yes	Yes
store_sequence_item	Yes	Yes	Yes	Yes

Third Party Price Import Batch

This batch imports pricing data (regular price, clearance, and promotion prices) from a third party uploaded pricing data files into SIOCS.

The price records merge/upsert the data from staging tables into the application master table ITEM_PRICE on the combination of store/item/pricetype/ ext_price_event_id.

File Handling Details

1. File provider application uploads the relevant data files to the import's location in Object Storage via FTS. See [Upload Import Data Files to Object Storage](#) for details.
2. The Import Batch job will download the relevant data files from Object Storage, parse the files and insert the data into staging tables, merge/upsert the data from staging tables into

SIOCS master tables, and upload any failed files/ records to the rejects folder to Object Storage.

3. On completion, the data files are moved to archive file locations and will be purged after configured days.
4. On failures, the failed records are written to reject files, and the reject files are sent to object storage reject's location. The error will be visible in by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.
5. To re-run the corrected data files, repeat step 1 and 2.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

ExtPriceImport_OpsJob

Batch Job Parameters

N/A

Key Tables

Table 5-26 Key Tables for Third Party Price Import Batch

Table	Select	Insert	Update	Delete
item_price	Yes	Yes	Yes	Yes

Third Party RFID File Import Batch

This batch process imports bulk amount of RFID information from batch files which are uploaded by customers.

The RFID importer first sets the present attribute to 'N' for all existing RFID tags at the location thereby removing them from inventory. It then set the present attribute to 'Y' (yes) for each RFID tag in the import.

CREATE and DELETE are the only two valid actions for RFID, CREATE indicates "present in store" and DELETE indicates "absent from store", the only states an EPC has.

If an EPC in the data file has DELETE type, and exists in database, the process marks the EPC as not present.

If an EPC in the data file has CREATE type, the process inserts or updates in RFID table and mark as present.

Each file contains RFID information for a single store, store/item/action date uniquely identify a RFID record.

File Handling Details

1. Customer uploads the relevant data files to the imports folder in Object Storage via FTS. See [Upload Import Data Files to Object Storage](#) for details.

2. The Import Batch job will download the relevant data files from Object Storage, parse the files and insert the data into staging tables, merge/upsert the data from staging tables into SIOCS master tables, upload any failed files/ records to the rejects folder to Object Storage.
3. On completion, the data files are moved to archive file locations and will be purged after configured days.
4. File Error Handling. The import process writes the erroneous records into reject files and uploads to the rejects folder to Object Storage. The error will be visible in by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.
5. After errors are resolved, to process the corrected data file, repeat steps 1 to 2.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

ExtRfidImport_OpsJob

Batch Job Parameters

N/A

Key Tables

Table 5-27 Key Tables for Third Party RFID File Import Batch

Table	Select	Insert	Update	Delete
RFID	Yes	Yes	Yes	
RFID_HISTORY	Yes	Yes	Yes	
RFID_ZONE	Yes			
DLS_RFID	Yes	Yes	Yes	Yes

Third Party Stock Count Import

This batch imports the stock count quantities when a stock count is setup in SIOCS, and physical counting is conducted by a third party. The batch updates the stock count counted or recounted quantities. Invalid records during the import are saved in the rejected item table.

When the stock count is set up as **Auto-authorize Unit and Amount Stock Count**, the rejected items are processed, and attempts are resolution are taken (such as ranging items and adding them to the stock count). In addition, the authorization process occurs and the stock on hand quantities for the items are updated. In addition, a **Unit and Amount Stock Counts Export** file is generated because of stock count auto authorization.

Each job run will pick number of files (defined by **Maximum Job Instances Per Batch**) in system configuration and process them in multi-threads. The number of files to be processed is default to 20. The value can be configured via system configuration screen.

Customer can set the job scheduler to be run multiple times per day by changing the schedule intervals.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

ThirdPartyStockCountImport_OpsJob

Batch Job Parameters

N/A

File Error Handling

The batch job will be marked as failed if the file staging fails. The staging process is all or none transaction so if an error occurs during the batch process, none of the transactions in the file will be staged. The user will need to rerun the same file again after resolving any errors.

Key Tables

Table 5-28 Key Tables for Third Party Stock Count Import Batch

Table	Select	Insert	Update	Delete
stock_count_import	Yes		Yes	
stock_count_rejected_item		Yes		
stock_count	Yes		Yes	
stock_count_child	Yes		Yes	
stock_count_line_item	Yes		Yes	
item_price	Yes			
item	Yes			
store_item	Yes			
item_uin	Yes			
stock_count_line_item_uin	Yes			

Warehouse Available Inventory Import

This batch imports warehouse available inventory from a CSV file. The batch updates the warehouse item available quantity. This is calculated by subtracting transfer reserved qty, customer reserved qty, non-sellable inventory and RTV from stock on hand. Available inventory is in the standard unit of measure.

File Handling Details

1. Customer uploads the relevant data files to the imports folder in Object Storage via FTS. See [Upload Import Data Files to Object Storage](#) for details.
2. The Import Batch job will download the relevant data files from Object Storage, parse the files and insert the data into staging tables, merge/upsert the data from staging tables into SIOCS master tables, upload any failed files/ records to the rejects folder to Object Storage.

3. On completion, the data files are moved to archive file locations and will be purged after 7 days.
4. File Error Handling. The import process writes the erroneous records into reject files and uploads to the rejects folder to Object Storage. The error will be visible in by drilling down from the Job Admin screen on the failed job execution to display the batch detail. Drill down on the failed batch details to see the error message.
5. After errors are resolved, to process the corrected data file, repeat steps 1 to 2.

File Layout

See [Appendix: Batch File Layout Specifications](#) for details.

Batch Job Definition Name

WarehouseAvailInvFileImport_OpsJob

Batch Job Parameters

N/A

Key Tables

Table 5-29 Key Tables for Warehouse Available Inventory Import

Tables	Select	Insert	Update	Delete
WAREHOUSE_ITEM	Yes	Yes	Yes	
DLS_WAREHOUSE_ITEM	Yes	Yes		Yes

Cleanup Batches

Removal of temporary, staged, non-essential data is critical for smooth running of business. If this data is not purged at frequent interval, then these tables can grow to such an extent that normal business operations would get impacted; backup and disaster recovery will take enormous amount of time. Since purge process locks database records, cleanup/purge must be done at short intervals.

Some of these clean-up jobs are restricted and enabled by default for SIOCS scheduler. On POM none of them are restricted.

Customers can configure number for day to retain the records in database via [System Admin Parameters](#).

Table 5-30 Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Activity Locks	Deletes activity lock records from ACTIVITY_LOCK table. Any lock record with a lock date/timestamp older than Days to Hold Locking Records system configuration value will be deleted	1 hour	30 minutes	24 hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Adhoc Stock Count	Deletes ad hoc stock counts with a status of in progress. Any ad hoc stock count with a creation date/time stamp older than the Days to Hold In Progress Ad Hoc Counts parameter value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Activity History	Deletes activity history records from ACTIVITY_HISTORY table. Record with create date older than Days to Hold Audit Records system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Batch Job Repo	Deletes batch job repository records from JOBINSTANCEDATA table and associated tables. Records with create time older than Days to Hold Batch Repository Records system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Item UIN History	Deletes Item UIN history records from ITEM UIN HISTORY table. Records with create date older than Days to Hold UIN Audit Information system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Recently Edited	Deletes recently edited security user history records from SECURITY_USER_HISTORY table. Record with update date older than Days to Hold Recently Edited system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup RFID History	Deletes RFID history records from RFID_HISTORY table. Records with event date older than Days to Hold RFID History system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Store Order	Deletes canceled or approved Store Order records from STORE_ORDER table and associated tables. Records with update date older than Days to Hold Store Orders system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Tickets	Deletes ticket records from TICKET table. Records with create date older than Days to Hold Ticket system configuration value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Ticket Histories	Deletes ticket history records from TICKET table. Records with printed date older than Days to Hold Ticket history system configuration value will be deleted.	24 hours	30 minutes	24 hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Batch Activity	This job deletes the activity records that are no longer needed after the default time specified and if such records have a status different than COMPLETED.	30 minutes	30 minutes	24 hours
Cleanup Batch Data Error	Deletes the batch data errors records that are no longer needed after the default time specified.	30 minutes	30 minutes	24 hours
Cleanup Batch Directories	Deletes the processed files from batch archive folder and failed files from reject folder of the respective job's directory.	24 hours	30 minutes	24 hours
Cleanup Batch Log	Deletes old batch log records. Batch log record with an end date/ timestamp older than the Days To Hold Batch Logs system configuration value and with the Status value of 2 (COMPLETED) is deleted. For example, if the default value is 30 and the batch program is run with the default value, the batch program would delete all the records that are more than 30 days old and are in completed status. Deletes purge error logs.	24 hours	30 minutes	24 hours
Cleanup Batch Schedule	Deletes the batch schedule records that are no longer needed after the default time specified.	30 minutes	30 minutes	24 hours
Cleanup Closed Transfers	Deletes all the closed transfer which are in either cancelled or completed status, and shipments related to them. Any closed transfer with an update date older than the Days to Hold Transfer Documents parameter value will be deleted.	24 hours	30 minutes	24 hours
Cleanup Completed UINs	Deletes completed UIN Detail records. A completed UIN is any UIN with a status of Removed from Inventory, Missing, Sold, Shipped to Vendor, or Shipped to Warehouse. Any UIN detail record with a complete status and update date at least X days in the past (where X is with system parameter Days to Hold Completed UINs) will be deleted.	24 hours	30 minutes	24 hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Customer Orders	Deletes all the fulfillment order records which are not in New or In Progress status and for which the update date has expired the purge_date by number of days more than Days to Hold Customer Order parameter value. Additionally, only those fulfillment orders will be deleted for which customer order ID and fulfillment order ID combination does not exist for any Transfer, Return, Purchase Order, and Warehouse delivery transaction.	24 hours	30 minutes	24 hours
Cleanup DSD and Purchase Orders	Deletes the Direct Store Delivery receiving. Any DSD record which is in Closed/Cancelled status and which has a complete date older than Days to Hold Received Shipments is an eligible record for purge. In effect, a DSD record can be purged only if its associated PO records can be purged.	24 hours	30 Minutes	24 hours
Cleanup Invalid Users	Deletes invalid application users from data store for those user names that are not found in identity store.	12 Hours	30 Minutes	24 hours
Cleanup Invalid User Roles	Removes all expired user roles and orphaned user roles (roles that were deleted by removing a store) from the SIOCS system. The batch process finds user role assignments that have an end date that is at least X days in the past (where X is specified by the system parameter Days to Hold Expired User Roles), and deletes these expired role assignments. The users (excluding super users) with role assignments that have no matching store assignments (orphaned role assignments) are also deleted.	24 hours	30 Minutes	24 hours
Cleanup Inventory Adjustments	Deletes inventory adjustments records with a create date/timestamp older than Days To Hold Completed Inventory Adjustments parameter value.	24 hours	30 Minutes	24 hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Item Baskets	Purges item basket records (with status of cancelled or completed) based on the retention period. The retention period is specified by system configuration parameter- Days to Hold Item Basket.	24 hours	30 Minutes	24 hours
Cleanup Item Hierarchy	Purges all Item Hierarchies that are in deleted status.	24 hours	30 Minutes	24 hours
Cleanup Item Prices	Purges records which were expired or were marked as deleted based on the retention period. The retention period is specified by system configuration parameter Days to hold expired item price. Following are the rules defining records to be purged: • Regular Price Change: Has status of completed or deleted, effective date was X number of days in the past (relative to the specified date if specified). At any given time, at least one completed latest regular price must be retained for a store item. • Promotion Change: Has status of completed or deleted, and end date is number of days in the past (relative to the specified date if specified). • Clearance Change: Has status of completed or deleted, and end date is number of days in the past (relative to the specified date if specified).	24 hours	30 minutes	24 hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Items	This batch program deletes items with a status of Delete (D). There are two segments which do the following different tasks: 1. Validate if the Item should be deleted. 2. Delete item from all associated tables if all following validation checks are passed. • If SOH of item, item parent and item grandparent is 0. • If any transfers exist for item, item parent and item grandparent. • If any RTV exists for item, item parent and item grandparent. • If any Inventory adjustment exists for item, item parent and item grandparent. • If any Item Basket exists for the item. • If any Product Group exists for the item. • If any Stock Count exists for the item. • If any Store Order exists for the item. • If any Item Request exists for the item. • If any Direct Store Delivery exists for the item. • If any Warehouse Delivery exists for the item. If the validations checks are met, the records related to the item which is marked for the purge action are deleted.	24 hours	30 minutes	24 hours
Cleanup Notifications	Deletes notifications. The retention period is specified by system configuration parameter Days to Hold Notifications.	24 hours	30 minutes	24 hours
Cleanup Price Change Worksheet	This batch process deletes price change worksheet records from the staging table which are in Rejected/Completed status. Any price change record with an effective date/timestamp older than Days To Hold Price Changes parameter value will be deleted.	24 hours	30 minutes	24 hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Price History	This batch process deletes price histories. At least a minimum set of historical prices are maintained for an item/store.	24 hours	30 minutes	24 hours
Cleanup Product Areas	Deletes the product areas records that are no longer required if the status is CANCELED(3) and the basked id is not into the picks for store fulfillment orders table. Days to Hold Areas will determinate the number of days that product areas can be kept in the database.	24 hours	30 minutes	24 hours
Cleanup Related Items	Deletes the related items for which the end date has expired for more than Days To Hold Related Items system configuration value.	24 hours	30 minutes	24 hours
Cleanup Resolved UIN Problems	Deletes resolved UIN exception records. UIN exception records with status of resolved and resolved date is at least X days in the past (where X is system parameter Days to Hold Resolved UIN Exceptions) are deleted.	24 hours	30 minutes	24 hours
Cleanup RFID	Deletes RFIDs which is not present in location. The retention period is specified by system configuration parameter Days to Hold RFID.	24 hours	30 minutes	24 hours
Cleanup Sales Posting	This batch process deletes the Point-of-Service transaction from the Oracle Retail Xstore Point of Service transaction staging table. It reads the Days to Hold Sales Posting and Days to Hold Failed Sales configuration parameters and all the transactions which are present beyond the configuration parameter are deleted. It also purges the POS transaction logs for the request IDs that are in processed status.	24 hours	30 minutes	24 hours
Cleanup Shelf Adjustments	Purges shelf adjustment records (with status of completed) based on the retention period. The retention period is specified by system configuration parameter- Days to Hold Shelf Adjustment List.	24 Hours	30 minutes	24 Hours
Cleanup Shelf Replenishment	Deletes shelf replenishment lists which are in Completed/Cancelled state. Any shelf replenishment list record with a status date/timestamp older than Days To Hold Shelf replenishment parameter value will be deleted.	24 Hours	30 minutes	24 Hours

Table 5-30 (Cont.) Cleanup Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Cleanup Staged Messages	This batch finds integration staging records that are marked as processed or deleted, and update date is at least X days in the past (where X is the system parameter Days to Hold Completed Staging Records).	24 Hours	30 minutes	24 Hours
Cleanup Staged Initial Data Load	This batch will purge data from all "IDLS" and "ERR_IDLS" tables. This batch is designed to be run as ad-hoc only, therefore a schedule is not available for this batch.			
Cleanup Stock Counts	This batch process deletes stock counts which are in Completed/ Cancelled status. Any stock count with a schedule date/timestamp older than Days To Hold Completed Stock Counts parameter value will get deleted.	24 Hours	30 minutes	24 Hours
Cleanup Store Item Stock History	Deletes store item stock history records from STORE_ITEM_STOCK_HISTORY table. Records with printed date older than Days to Hold Transaction History system configuration value will be deleted.	24 Hours		
Cleanup Temporary UINs	This batch process deletes temporary UIN detail records. UIN detail records with no status and update date is at least X days in the past (where X is system parameter Days to Hold Temporary UINs).	24 Hours	30 minutes	24 Hours
Cleanup Vendor Returns	This batch process deletes vendor returns which are in closed or completed status. Any vendor return record with a closed date/timestamp older than Days to Hold RTV system configuration value will be deleted.	24 Hours	30 minutes	24 Hours
Cleanup Closed Warehouse Containers	This batch job deletes fully received warehouse to store deliveries (a fully received delivery is one where all cartons are in received status and not marked as damaged or missing) whose received date of delivery is older than X days (Specified in Days to hold closed warehouse containers system configuration parameter)			

Cleanup Closed Warehouse Containers

This batch job deletes fully received warehouse to store deliveries (a fully received delivery is one where all cartons are in received status and not marked as damaged or missing) whose

received date of delivery is older than X days (Specified in Days to hold closed warehouse containers system configuration parameter).

This batch job can only be run in Adhoc Mode either via the EICS Job Admin screen or by calling the Execute Batch REST API to run the batch execution at any desired time.

In order to delete the closed containers and the associated delivery for a particular data set id on the EICS Job Admin screen, user must enter the transfer delivery id as the Data Set ID.

Batch Job Definition Name

WarehouseClosedContainers_PurgeJob

Batch Job Parameters

<input_date> Optional, if not specified defaulted to current timestamp. System batch input date format is used for parsing input date if specified.

<Data Set Id> Optional, if specified, the batch looks for the data set id (transfer delivery id) for processing.

Key Tables

Table 5-31 Key Tables for Delete Closed Warehouse Containers Batch

Table	Select	Insert	Update	Delete
CONFIG_SYSTEM	x			
TSF_DELV	x			x
TSF_DELV_CARTON	x			x
TSF_DELV_LINE_ITEM	x			x
TSF_DELV_LINE_ITEM_UIN	x			x
TSF_DELV_CFA	x			x
TSF_DELV_CDA	x			x
TSF_DELV_CARTON_CFA	x			x
TSF_DELV_CARTON_CDA	x			x
TSF_DELV_LINE_ITEM_ATT	x			x

Restart/Recovery

This batch can be re-run by restart batch job after any issues are resolved.

To Invoke the batch job using the Execute Batch Rest Service, refer to the REST Service Batch section of this guide.

Table 5-32 Execute Batch REST Request Example

API URL	Operation	Description	Example Request Payload
https://<siocs-lb> /siocs-int-services/api/batches	POST	Submit batch job for immediate execution.	{ "batchName": "WarehouseClosedContainers_PurgeJob" }

Table 5-32 (Cont.) Execute Batch REST Request Example

https://<siocs-lb> /siocs-int-services/api/batches	POST	Submit batch job for immediate execution for the particular data set id (TSF_DELIVERY_ID)	{ "batchName": "WarehouseClosedContainers_PurgeJob", "parameterId": 9999 }

System Process Batches

Processing of critical alerts, data migration for storage, and closure of old records is critical for the continued efficient and normal processing of the system.

These clean-up jobs are restricted and enabled by default for SIOCS scheduler. On POM none of them are restricted.

Customers can configure number for day to retain information prior to closure in database via System Admin Parameters.

Table 5-33 System Process Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
DSD Receiving Closure	This batch program looks for all the open vendor deliveries whose expected date added to store parameter "Auto Close Days after Expected Date" is before today and automatically confirms all the vendor deliveries.	24 hours	30 minutes	24 hours
Fulfillment Order Pick Reminders	This batch process generates notifications for fulfillment order picks for which status is new or in progress and create date has expired by X number of minutes (specified in system configuration "Minutes To Hold Open Customer Order Pick Before Sending Notification").	24 hours	30 minutes	24 hours
Fulfillment Order Reminders	This batch process generates notifications for fulfillment orders for which create date has expired by X number of minutes (specified in system configuration "Minutes To Hold New Customer Order Before Sending Notification").	24 hours	30 minutes	24 hours
Item Price To History	This batch writes the active item price records into item price history table. After the active item prices are recorded in the item price history table, the batch updates the ITEM_PRICE table statuses as completed for these records.	24 hours	30 minutes	24 hours

Table 5-33 (Cont.) System Process Batches

Batch Name	Description	Default	Minimum Value	Maximum Value
Product Group Schedule Closure	This batch program searches for all open product group schedules that have ended date before today (or user specified date) and change the product group schedule status to closed.	24 hours	30 minutes	24 hours
Return Not After Date Alert	This batch process warns users a number of days in advance that the RTV/RTW is about to reach the Not After date and must be dispatched. The value for the number of days of advance warning is configurable using the system's administration screens.	24 hours	30 minutes	24 hours
Transfer Close	This batch program looks for all the open transfers which have passed their not after date and are in valid state for closure.	24 hours	30 minutes	24 hours
Transfer Delivery Auto Receive	This batch auto receives the transfer deliveries to stores if delivery option is defined as date driven in store configuration. If the Auto Receive store parameter is set to Date Driven, then the batch auto-receives all deliveries that are in New and In Progress status and whose Ship Date added to the Auto Receive Number of Days is less than the current date.	24 hours	30 minutes	24 hours
Transfer Delivery Close	This batch program looks for all the open transfer deliveries and auto con-firms all the transfer deliveries based on the store parameter "Auto Close Receipt". When the parameter value is "0", close the deliveries at the end of day today and when value is "x" close the deliveries at the end of "x" days starting from today.	24 hours	30 minutes	24 hours
Transfer Not After Date Alert	This batch process generates email alerts for any pending transfer requests with not after date coming up within number of days specified in the system parameter "Days to Send Email Alert Before Not After Date for Transfer Requests".	12 hours	30 minutes	24 hours
Transfer Overdue	This batch process generates notification for dispatched transfers which have not been received after X number of days (specified in system configuration "Days Shipped Delivery Overdue Notification").	24 hours	30 minutes	24 hours
Vendor Return Closure	This batch program looks for all the open vendor returns which are in valid state (Closed /Rejected) for closure.	24 hours	30 minutes	24 hours

Batch Job Administration

Administered by POM

Administered by EICS

Administered by POM

Retail Merchandising Foundation Cloud Service (MFCS) also uses Process Orchestration and Monitoring (POM) for batch management. Therefore, when POM is adopted for SIOCS, all batches can be managed at single place.

In an environment where SIOCS is integrated with POM, the SIOCS batch scheduler is disabled automatically, and the following functionalities “Job Admin”, “Job Scheduler” are not available in the SIOCS UI. Therefore, the topic “Batch Job Administration” is applicable only for a SIOCS environment which is not integrated with POM.

POM is a user interface which allows you to schedule, track and manage batch jobs. Refer to the “Process Orchestration and Monitoring User Guide” for more details on using this tool.

As part of your implementation, you will need to evaluate which batches should be run for your business, based on the features in the product you intend to use.

SIOCS batch jobs can be categorized as the following high level groups:

- Operational
- Purging/Cleanup
- Initial Data Seeding

In POM, the batch jobs can be scheduled:

- DAILY: by default, SIOCS daily batch default schedule starts after midnight. See Recurring or adhoc batch for those need to be started before midnight or at specific time .
- RECURRING-<hour>-n
- ADHOC

Batch Process Scheduling Notes

For the business date in POM to roll over, configure “SIOCS Nightly Scheduler Task” to run every day at 11:59 PM.

Schedule all required batch jobs based on your business requirement following the POM guide. For additional details, refer to the Implementation and User Guides of Oracle® Retail POM.

- <https://docs.oracle.com/en/industries/retail/retail-process-orchestration-monitoring/latest/>

Most SIOCS batches can be scheduled to run at any time (ad hoc) with no order, while some batches might provide optimal results when they are run in a particular order.

For default batch scheduling recommendations, see Table: [Cleanup Batches](#) and Table: [System Process Batches](#)

Additional Notes on Batch Scheduling

Batch Name	Notes
InvalidUser_PurgeJob	These batches should run on a continuous basis to ensure tight security and appropriate access to the application.
InvalidUserRole_PurgeJob	
PosTransactionImport_OpsJob	Run this batch if POS Transaction file import is applicable.
RetailSalesAuditImport_OpsJob	Predecessor: PosTransactionImport_OpsJob if applicable.
ShelfReplenishments_PurgeJob	This batch should be run at least once a day if the delivery bay is used.
TransferDeliveryAutoReceive_OpsJob	This batch should be run at least once per day for appropriate receipt closures.
ItemPriceToHistory_OpsJob	This batch should run once per day.
StockCountCancel_OpsJob	This batch should run once per day.
StockCounts_PurgeJob	Predecessor: StockCountCancel_OpsJob

Initial Data Seeding Batches Scheduling Notes

Batch Name	Notes
StandaloneIdlStoreFileImport_OpsJob	Adhoc
StandaloneIdlFileImport_OpsJob	Adhoc
InitialInventoryImport_OpsJob	Adhoc
StockCountAuthorizeRecovery_OpsJob	Adhoc
StockCountExportSftpPush_OpsJob	Adhoc
StockCountExport_OpsJob	Adhoc
IdlStagedData_PurgeJob	Adhoc, run after initial data seedings

Parameter Details

In POM, to add or modify a parameter for a job, refer to the POM User Guide. The list of keys below can be used in a parameter. Parameters must be separated by || if there is more than one parameter.

Example: date=yy-mm-dd||storeId=xyz

Parameter Key	Value
date	yy-mm-dd
storeId	Number
datasetId	Number

Administered by EICS

This provides information about the processing and operating details of batch job administration and operations, and covers the following topics:

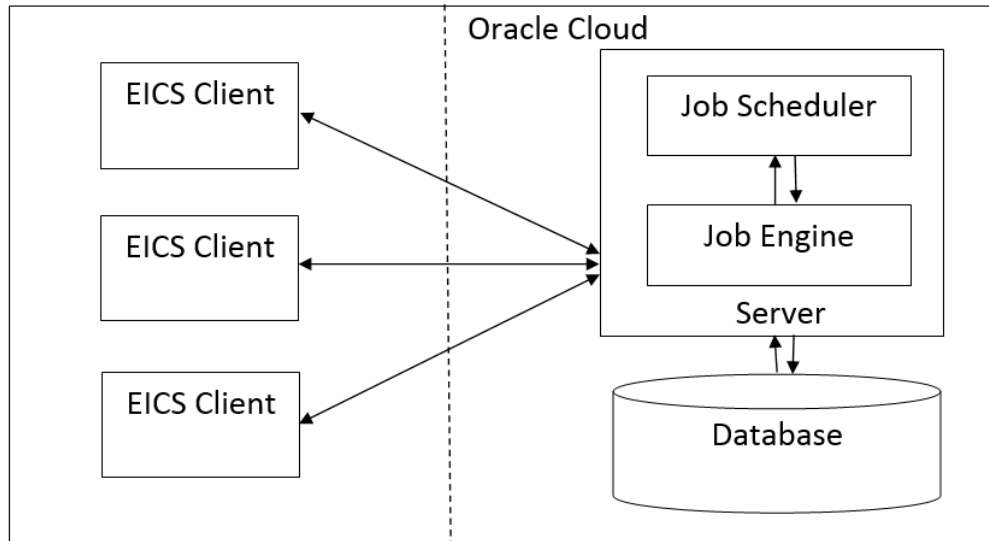
- [Job Administration](#)

- **Job Scheduler**

The batch jobs are installed and configured by the EICS application installer. The batch processes are designed to process large volume of data. The batch jobs can be scheduled as per the retailer's choice to be executed on specific intervals on the SIOCS GUI.

The following diagram illustrates the high-level architecture of the current batch processing implemented for the EICS Application Server.

Figure 5-1 EICS Application Server Batch Processing Architecture



- **EICS Client - Server Communication**

EICS client provides an option to the retailer to run the batch jobs on demand. This call to the server is made via HTTP REST service call. The batch job selected, and the parameter selected by the user are set on the request and sent to the server on this call. The server handles this request and invokes a start job on the batch engine for the respective job.

- **Job Engine**

The job engine manages the state of a running job and guarantees the execution of each step defined for the job. The call made from the client or job scheduler is passed onto the job engine to start a new instance of the batch job. Users also have an option to stop the running job or to restart any particular job which failed during the processing.

- **Job Scheduler**

This feature of EICS allows a retailer to schedule the batch jobs to run at a specific time interval. Each batch job will initially execute at a pre-configured schedule interval. Retailers will have an option to enable or disable specific batch job schedules as well. For more information, please refer to Job Scheduler Section below.

 Note:

A few of the jobs which are system required will not be available for the retailer to change the schedule interval or disable them. These jobs will always be enabled and can be managed only by cloud admin.

Job Administration

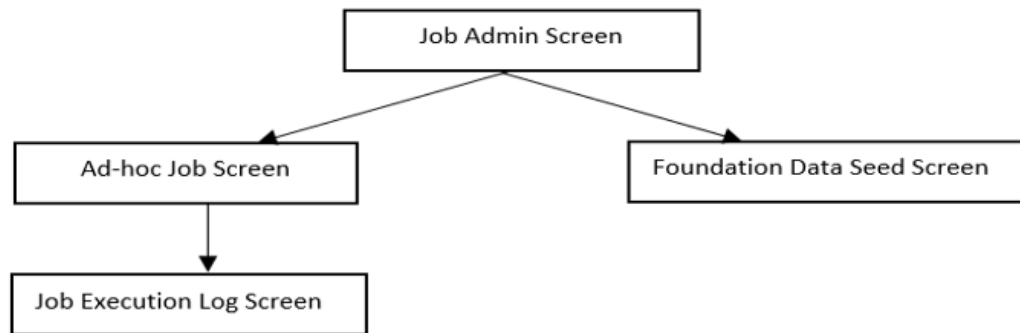
SIOCS Job Admin is a web application that provides the runtime and GUI for managing batch jobs.

SIOCS provides an independent user interface for executing and scheduling of the batch jobs. These user interface screen will facilitate users to perform following operations:

- Execute Ad hoc Jobs
- Manual Data Seeding Importer Jobs
- View the Job Execution Log
- View the list of Jobs executed
- Schedule Jobs for execution on specific intervals

The following diagrams show the Batch Admin and relevant GUI components:

Figure 5-2 Batch Admin and GUI Components



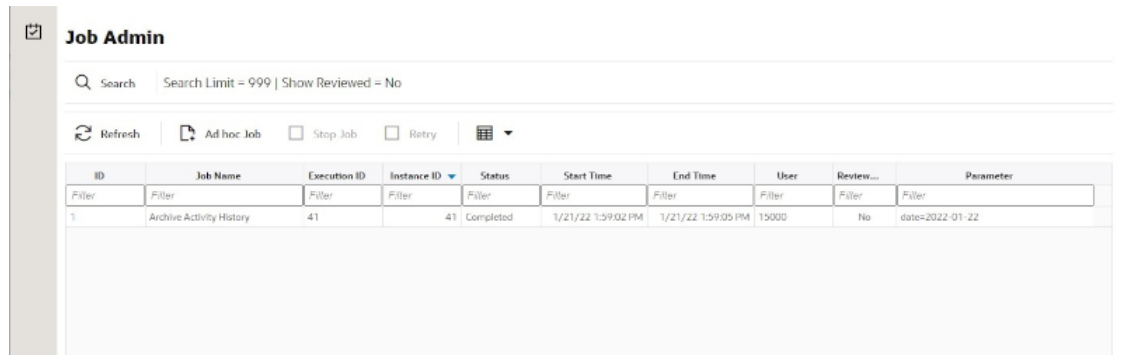
Job Admin Screen

This screen views the list of the job that have been instantiated on the server. User can filter the list of the job loaded on screen on Job Status, Reviewed and Search Limit. The default filter will load the list of the failed job when the screen is initially loaded.

User requires appropriate permission to access this screen on SIOCS. Navigation path for the Job Admin screen is:

Admin/Technical Maintenance/Job Admin

Figure 5-3 Job Admin Screen



The screenshot shows the 'Job Admin' interface. At the top, there is a search bar with a magnifying glass icon, a 'Search Limit = 999' indicator, and a 'Show Reviewed = No' toggle. Below the search bar are several action buttons: 'Refresh' (circular arrow icon), 'Ad hoc Job' (document icon), 'Stop Job' (square icon), 'Retry' (square icon), and a dropdown menu (three horizontal lines icon). The main part of the screen is a table with the following columns: ID, Job Name, Execution ID, Instance ID (with a dropdown arrow), Status, Start Time, End Time, User, Review..., and Parameter. The table contains one row of data: ID 1, Job Name 'Archive Activity History', Execution ID 41, Instance ID 41, Status 'Completed', Start Time '1/21/22 1:59:02 PM', End Time '1/21/22 1:59:05 PM', User '15000', Review... 'No', and Parameter 'date=2022-01-22'.

ID	Job Name	Execution ID	Instance ID	Status	Start Time	End Time	User	Review...	Parameter
1	Archive Activity History	41	41	Completed	1/21/22 1:59:02 PM	1/21/22 1:59:05 PM	15000	No	date=2022-01-22

Screen Options

- **Search**
Allows user to filter the list of the batch jobs instantiated by user and the scheduler.
- **Refresh**
This option refreshes the list loaded on the screen; call is made to server to load the list of batch jobs with current state.
- **Ad hoc Job**
This option refreshes the list loaded on the screen; call is made to server to load the list of batch jobs with current state.
- **Data Seed**
This option navigates user to Data Seed Job Launcher screen. User can start a new data seed job from this screen by setting the required parameters and data seeding options on the job. User will require appropriate access permission to view this option on the screen.
- **Stop Job**
This option allows user to stop a running job. This option is available only when selected job is in running state that is, STARTED and STARTING.

Table Information

- **Execution ID**
This column displays the job execution identifier generated by the job engine.
- **Job Name**
This column displays the name of the batch job.
- **Instance ID**
This column displays the job instance identifier generated by the job engine.
- **Status**
This column displays the current status of the batch job.
- **Start Time**
This column displays the time when job was started.
- **End Time**

This column displays the time when job was completed. If the job is currently in running state, the end time will not be available.

- **User**

This column displays the user name of the user who started the job. The job started by the scheduler will have server user name in this column.

- **Reviewed**

This column denotes if user has reviewed this job.

- **Parameter**

This column displays the parameter if entered while starting the batch job.

Job Execution Log Screen

This screen displays the execution details for the batch job. Users can navigate to this screen by clicking **Job Execution ID** on the Job Admin screen. This screen is designed to view the error logs for the batch jobs and to mark the job as reviewed.

Review flag denotes the selected job has been reviewed by the user. By using this, the user can keep a track of which of the failed jobs have already been reviewed and take necessary actions as required.

The execution detail table load the entries of the execution record if exist for the select batch job.

Figure 5-4 Job Execution Screen

Job Execution: 41

Mark Review Cancel  ▼

Detail ID	Process...	Failed	Message	Data File	Data Set Id	Additional Info
Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	Yes	No				

Message Details

Screen Options

- **Mark Review**

This option allows user to mark the batch job as review. Once the job is marked as review user is navigated back to the Job Admin screen.

- **Cancel**

This option allows user to navigate back to the Job Admin screen.

Table Information

- **Detail ID**

This column displays the execution identifier generated by the job engine.

- **Processed**

This column denotes if the execution record for the job was successfully processed.

- **Failed**

This column denotes if the execution records was failed during the processing.

- **Message**

This column displays the message from the server to viewing the further details on the job status. This column will be empty for the execution records which are been successfully processed.

- **Data File**

This column displays the file name for which the execution record was created. This column holds data only if the job details with file import processing for example, Retail Sales Audit Import Job.

- **Additional Info**

This column holds the addition info if any for the execution record.

Message Details

This section is non-editable and displays the detailed explanation for the job failure. This section will display respective data on selection job execution record. The log traces of the exact point of failure shall be printed on this section of the screen.

Job Launch Screen

This screen allows user to start a new instance for a job. Select the batch job and enter the parameter, if required, to start job.

The job launcher screen has the following categories:

- [Ad hoc Job](#)
- [Start an Ad hoc Job](#)
- [View Details for Job](#)
- [Stop a Running Job](#)

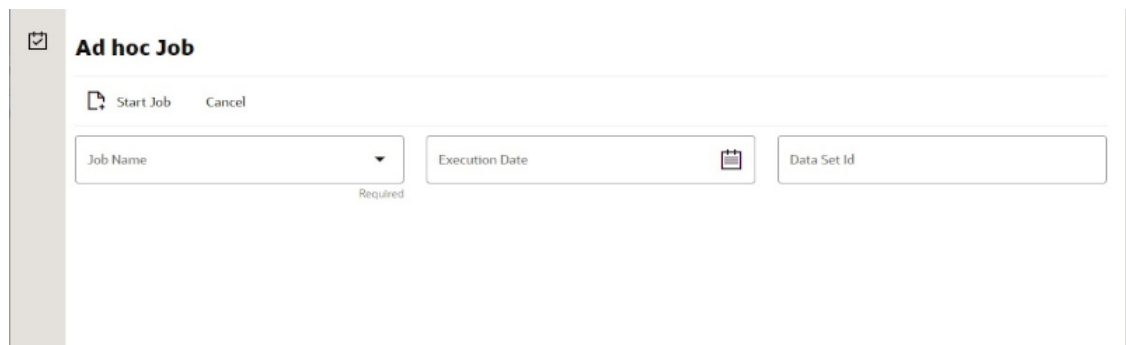
Ad hoc Job

This screen allows user to run an ad hoc job. All the jobs which are either operational or purge jobs can be started from this screen. All the batch jobs will not support the execution date and store identifier parameters. The job for which store level processing can be performed will consider these parameters. User will not receive an error or confirmation if the parameters are not valid for the selected job.

User will require appropriate data permissions to select and run a particular job. Navigation to this screen is as follows:

Admin/Technical Maintenance/Job Admin /Ad hoc Job

Figure 5-5 Ad hoc Job Screen



Screen Options

- **Start Job**
This option allows user to start a new instance of the selected job. When the user selects this option, a call is made to server to start a selected batch job. Server internally makes a call to Batch Operator specifying the Job Name and the parameter if any.
- **Cancel**
This option navigates user back to Job Admin Screen.

Menu Options

- **Job Name**
Allows user to select the job to be started. This is a required field on this screen. The user will be able to view only those jobs in the drop-down list which are permitted to the user via data permissions.
- **Store ID**
Allow user to enter the store identifier if the job is expected to be executed for specific store. Not all job accepts store identifier as parameter. For the jobs which doesn't take store identifier as parameter for execution shall ignore this parameter.
- **Execution Date**
Allows user to enter the execution date for the job, if not entered the job will consider the current date for the execution. Not all job accepts execution date as parameter. For the jobs which doesn't take execution date as parameter for execution shall ignore this parameter.
- **Data Set Id**
The Data Set Id is optional parameter for batch job to process the specified data set id.

Start an Ad hoc Job

1. Login to SIOCS and navigate to Job Admin screen.
2. Click on Ad hoc Job Menu to navigate to Ad hoc Job screen
3. Select the required Job from the drop-down menu.

4. Set the required job parameter for the job, that is, Store ID and/or Execution Date.

 Note:

Job Parameter doesn't apply to all available batch jobs, for the job which do not take any parameter input will simply ignore the value in case entered.

5. Click on Start Job to start the new instance of job.
6. The new execution record will be populated on the Job Admin Screen List.

View Details for Job

1. Login to SIOCS and navigate to Job Admin screen.
2. Click the Job Execution Id to navigate to details.
3. To navigate back to Job Admin screen, click Cancel.
4. To mark job execution reviewed, click Mark Reviewed.

Stop a Running Job

1. Login to SIOCS and navigate to Job Admin screen.
2. Select the job which is currently in running state that is, STARTED or STARTING.
3. Click on Stop Job to stop the execution of the running job.
4. Prompted to confirm if the job needs to be stopped. Click Yes to continue.
5. Request is sent to job engine to stop the instance of the job. In case the job is already completed or stopped appropriate message shall be displayed to user.
6. Refresh the list on the screen to view the changes.

Job Scheduler

EICS Job Scheduler allows user to schedule the job available to run under Ad hoc Job screen.

The key features of Job Scheduler are as follows:

- **Interval Based Schedule**

User can schedule the job to run on interval basis. User will be provided below specified interval to be set for each job for execution.

Table 5-34 Interval Based Schedule

Interval	Detail	Execution Hour
30th Minute	Job execution will be every 30th minute of the hour starting from 01:00.	01:00, 01:30, 02:00, 02:30, 03:00, 03:00 ... 23:00, 23:30, 00:00, 00:30.
1 Hour	Job execution will be every 1 hour starting from 01:00.	01:00, 02:00, 03:00, 04:00, 05:00 ... 22:00, 23:00, 00:00.

Table 5-34 (Cont.) Interval Based Schedule

Interval	Detail	Execution Hour
2 Hours	Job execution will be every 2nd hour of the day starting from 01:00.	01:00, 03:00, 05:00, 07:00, 09:00 ... 21:00, 23:00.
3 Hours	Job execution will be every 3rd hour of the day starting from 01:00.	01:00, 04:00, 07:00, 10:00, 13:00, 16:00, 19:00, 22:00.
4 Hours	Job execution will be every 4th hour of the day starting from 01:00.	01:00, 05:00, 09:00, 13:00, 17:00, 21:00.
6 Hours	Job execution will be every 6th hour of the day starting from 01:00.	01:00, 07:00, 13:00, 19:00.
8 Hours	Job execution will be every 8th hour of the day starting from 01:00.	01:00, 09:00, 17:00.
12 Hours	Job execution will be every 12th hour of the day starting from 01:00.	01:00, 13:00.
24 Hours	Job execution will be every 24th hour of the day starting from 01:00.	01:00.
1 Week	Job execution will be every Monday at 1AM.	
2 Weeks	Job execution will be every other Monday at 1AM starting on the 2nd Monday of the year.	

- **Schedule Management**

User will have an option enabling or disabling the scheduler feature for a job at any given point of time. Once disabled the auto execution on the future scheduled interval will be stopped.

- **Scheduler Configuration**

User will have option of configuring the scheduler related configuration.

Table 5-35 Batch Job Schedules

Batch Job	Interval
Auto Replenish Capacity	24 hours
Auto Ticket Generate	24 hours
Auto Ticket Print	24 hours
Generate Problem Line Stock Count	24 hours
Generate Unit Amount Stock Count	24 hours
Generate Unit Stock Count	24 hours
Item Basket Maintenance	24 hours
Item Price ICL Import Job	30 minutes
Retail Sales Audit Import	24 hours

Table 5-35 (Cont.) Batch Job Schedules

Batch Job	Interval
Shelf Replenishment Closure	24 hours
Stock Count Unit And Amount Snapshot	24 hours
Store Order Auto Approve	12 hours
Store Order Auto Cancel	24 hours
Store Order Auto Generate	24 hours
Third Party Pricing Import	30 minutes
Third Party RFID Import	30 minutes

Job Scheduler Screen

This screen allows user to manage the schedules for the batch jobs. The list of job available to be scheduled will be sort by the enabled flag followed by Job Name alphabetically that is, the jobs for which the scheduling is enable will be on the top of the list sorted by the Job Names in alphabetical order.

User can edit the batch job and perform following operations:

1. Enable / Disable a schedule.
2. Setting the execution interval for a batch job.

User will require appropriate authorization to access this screen. Retailer will not be able to view or disable the batch jobs which are system required. This batch jobs will be accessible to Cloud Admin user will have a predefined schedule. Navigation to this screen is as follows:
Admin/Technical Maintenance/Job Scheduler

Figure 5-6 Job Scheduler Screen

Job Scheduler

Save Refresh

Job Name	Enabled	Interval	Execution Time
Filter	Filter	Filter	Filter
Auto Replenish Capacity	No	24 Hours	
Auto Ticket Generate	No	24 Hours	
Auto Ticket Print	No	24 Hours	
Generate Problem Line Stock Count	No	24 Hours	
Generate Unit and Amount Stock Count	No	24 Hours	
Generate Unit Stock Count	No	24 Hours	
Initial Inventory Import	No	24 Hours	
Inventory Extract File SFTP Push Job	No	24 Hours	
Item Basket Maintenance	No	24 Hours	
Item Price ICL Import Job	No	30 Minutes	
Retail Sale Audit Import	No	24 Hours	
Shelf Replenishment Closure	No	24 Hours	
Stock Count Authorize Recovery	No	24 Hours	
Stock Count Export	No	30 Minutes	
Stock Count Export File SFTP Push Job	No	24 Hours	
Stock Count Unit and Amount Snapshot	No	24 Hours	
Store Order Auto Approve	No	24 Hours	
Store Order Auto Cancel	No	24 Hours	
Store Order Auto Generate	No	24 Hours	
Third Party Pricing Import	No	30 Minutes	
Third Party RFID Import	No	30 Minutes	

Detail

Edit Apply

Cancel

Job Name
Auto Ticket Print

Description
This job submits existing tickets for printing.

Interval
24 Hours

Enabled
No

Screen Options

- Save**
 This option allows user to save the changes made to the job schedules. User can make changes to multiple schedules in edit mode and apply the changes, however the changes will take affect only when the save operation is performed.
- Refresh**
 This option refreshes the list of values on the screen.
- Edit**
 This option will be enabled only when a schedule is selected to be edited and user have privileges to edit the job schedule. This option takes user to the edit mode in which user can change the execution interval for the job and enable or disable the schedule.
- Apply**
 This option will only apply the changes which are been made during edit mode. This option does not save the changes, it only applies the changes for the job and exit the edit mode. Click the Save option to save the changes.
- Cancel**
 This option is enabled only when user is in edit mode. This option allows user to discard any changes made to the schedule on edit mode or to exit the edit mode.

Menu Options

- Interval**

Users have the option to select the appropriate interval for the batch job execution. Depending on the selected interval, server calculates the execution time for the batch job and runs it according. The base time for calculating the execution time on basis of the interval is 01:00 AM. For the store based job this is as per the store time zone and for system jobs this is as per the server time zone.

Option for selecting the execution interval are as follows:

1. 30 Minutes - Runs every 30 minutes.
 2. 1 Hour - Runs every hour.
 3. 2 Hours - Runs every second hour of the day.
 4. 3 Hours - Runs every third hour of the day.
 5. 4 Hours - Runs every fourth hour of the day.
 6. 6 Hours - Runs every sixth hour of the day.
 7. 8 Hours - Runs every eighth hour of the day.
 8. 12 Hours - Expected to be executed twice a day.
 9. 24 Hours - Expected to be executed only once a day.
- **Enabled**

Table Information

- **Job Name**
This column displays the name of the job.
- **Enabled**
This column denotes whether a job is current scheduled.
- **Interval**
This column denotes the interval of the job execution.
- **Execution Time**
This column denotes the next execution time for the batch job. This column will not contain data for the jobs which are been disabled.

Configuring a Job Schedule

1. Login in SIOCS and navigate to the Job Scheduler screen.
2. Select the desired job from the list.

Note:

If the Edit option is not available in the menu section, the user is not authorized to edit the batch job. Kindly assign appropriate user group or contact system admin for desired changes.

3. Edit the Job details on right panel.
4. Set required interval for execution and **Enabled** to Yes.
5. Click **Apply** to exit the edit mode.

6. For configuring multiple jobs on a go, repeat Step 2 for each job.
7. Click **Save** to save the current changes made on the screen.

Disabling a Job Schedule

1. Login in SIOCS and navigate to Job Scheduler screen.
2. Select the job from the list which needs to be disabled.
3. Edit the Job details on right panel.
4. Set **Enabled** as No.
5. Click **Apply** to exit the edit mode.
6. For disabling multiple jobs on a go, repeat Step 2 for each job.
7. Click **Save** to save the current changes made on the screen.

6

Technical Maintenance Screens

This section covers the following topics:

- [Credential Administration](#)
- [External Service Administration](#)
- [File Transfer Service](#)
- [Job Admin](#)
- [Job Scheduler](#)
- [MPS Staged Message](#)
- [MPS Work Type](#)
- [DCS Work Type](#)
- [Operational Issues](#)
- [POS Transaction Resolution](#)
- [Sequence Administration](#)
- [Integration Dashboard](#)

Credential Administration

The Credential Administration screen is used to setup integration credentials to connecting with external/third party systems.

To access this screen, user need to be assigned followings:

- **IDCS or OCI IAM app roles:** <SIOCS Primary APP>.admin_users
- **Security Permission:** Access Credential Administration

Figure 6-1 Credential Administration

The screenshot displays the 'Credential Administration' interface. It features a table with columns for Alias, Description, User, Password, Update Date, and Update User. The table lists various system users and their credentials. To the right of the table is a 'Detail' panel with input fields for Alias, Description, User, and Password, along with 'Edit', 'Apply', and 'Cancel' buttons.

Alias	Description	User	Passw...	Update Date	Update User
Filter	Filter	Filter		Filter	Filter
fts-user	File Transfer Web Service User Credentials		☐		
manifest-user	Manifest Web Service User Credentials		☐		
notification-u...	Notification Web Service User Credentials		☐		
obcs-user	Order Broker Web Service User Credentials		☐		
oms-user	Fulfillment Order Web Service User Crede...		☐		
report-user	Reporting Web Service User Credentials		☐		
rib-user	RIB Publisher User Credentials		☐		
sales-forecast...	Sales Forecast Web Service User Credentials		☐		
server-idcs-a...	Server IDCS App Client Credentials		☐		
store-order-u...	Store Order Web Service User Credentials		☐		
ticket-user	Ticket Print Web Service User Credentials		☐		

Detail

Edit Apply Cancel

Alias

Description

User

Password

List Buttons

- **Save:** Persists currently altered information.
- **Refresh:** Refreshes the screen with currently persisted information.
- **Delete Selected:** Deletes the user and password value for the records selected from database.
- **Filter:** Enabled are disabled the filtering row in the table.

List Attributes

- **Alias:** The alias for the user.
- **Description:** The description of the user.
- **User:** The user name.
- **Password:** Displays whether a password has been set currently for the user.
- **Update Date:** The last update date.
- **Update User:** The user who updated the record last.

Detail Panel

Figure 6-2 Detail Panel In Edit Mode

Detail Edit

Edit Apply Cancel

Alias
obcs-user

Description
Order Broker Web Service User
Credentials

User
Required

Password
Required

Confirm Password
Required

Detail Buttons

- **Edit:** Places the detail information displayed into edit mode.
- **Apply:** Applies the current data to the credential admin record and updates the list information.
- **Cancel:** Places the panel back into display mode without applying the information.

Detail Attributes

- **Alias:** Shows the alias for the user. Pre-defined read only field.
- **Description:** displays the user description. Pre-defined read only field.
- **User:** Field to enter user name.
- **Password:** Field to enter password for the user.
- **Confirm Password:** Field to enter password one more time in order to make sure the user has entered the right password.

External Service Administration

The External Administration screen is used to setup integration information to connect with external/third party systems, such as specific the URL for external web service connection.

To access this screen, user need to be assigned followings:

Security Permission: Access Credential Administration

Figure 6-3 External Services Administration

ID	Description	Service Type	Service URL	Security Type	Update Date	Update User
Filter	Filter	Filter	Filter	Filter	Filter	Filter
FileExternalService	File Transfer Web Service					
FulfillmentOrderAddressExt...	Fulfillment Order Address Web S...					
FulfillmentOrderExternalSer...	Fulfillment Order Web Service					
ManifestExternalService	Manifest Web Service					
NotificationExternalService	Notification Web Service					
OrderBrokenExternalService	Order Broken Web Service					
ReportingProcessExternalSe...	Reporting Web Service					
WebMessagePublisher	Web Publisher Web Service					
SalesForecastExternalService	Sales Forecast Web Service					
StoreOrderExternalService	Store Order Web Service					
TicketPrintExternalService	Ticket Print Web Service					

Detail
Edit Apply Cancel
ID
Description
Service Type
Service URL
Security Type
Credential Alias

List Buttons

- **Save:** Persists currently altered information.
- **Refresh:** Refreshes the screen with currently persisted information.
- **Reset:**
- **Filter:** Enabled are disabled the filtering row in the table.

List Attributes

- **ID:** An identifier for the external service.
- **Description:** A description of the external service.
- **Service Type:** The type of web service (for example, SOAP, ReST).

- **Service URL:** The URL of the service location to access.
- **Security Type:** The type of security the service uses.
- **Update Date:** The last update date.
- **Update User:** The user who updated the record last.

Detail Panel

Figure 6-4 Detail Panel In Edit Mode

The screenshot displays a 'Detail Edit' panel with a title bar and three buttons: 'Edit' (with a pencil icon), 'Apply', and 'Cancel'. Below the buttons are several input fields for service configuration:

- ID:** A text field containing 'OrderBrokerExternalService'.
- Description:** A text field containing 'Order Broker Web Service'.
- Service Type:** A dropdown menu with 'SOAP' selected.
- Service URL:** A text field, currently empty, with a 'Required' label below it.
- Security Type:** A dropdown menu with 'OAuth2 Client Credentials' selected.
- Credential Alias:** A text field containing 'obcs-user'.
- OAuth2 Token URL:** A text field, currently empty, with a 'Required' label below it.
- OAuth2 Token Scope:** A text field, currently empty.

Detail Buttons

- **Edit:** Places the detail information displayed into edit mode.
- **Apply:** Applies the entered data to the record and updates the list information.
- **Cancel:** Places the panel back into display mode without applying the information.

Detail Attributes

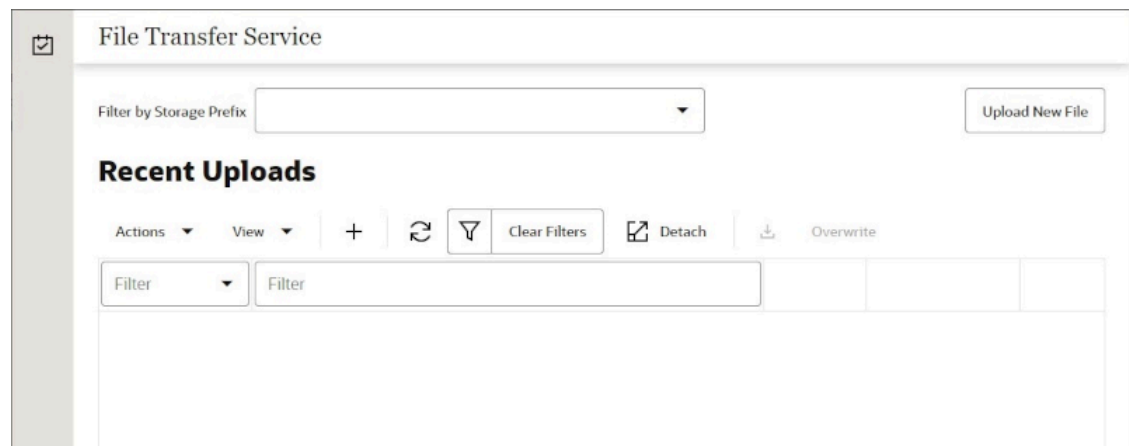
- **ID:** An identifier for the external service.
- **Description:** A description for the external service.
- **Service Type:** The type of service.
- **Service URL:** The URL used to connect to the service.
- **Security Type:** The type of security associated with the service. Selection will lead to more fields to populate.

File Transfer Service

The File Transfer Service screen allows the user to upload data files into a location within EICS to be processed. This supports access to Next Gen Cloud Services object storage through the file transfer service. The UI allows users to browse previous uploads, upload new files, overwrite previously uploaded files, and download files.

Security Permission: Access File Transfer Service

Figure 6-5 File Transfer Service



Screen Elements

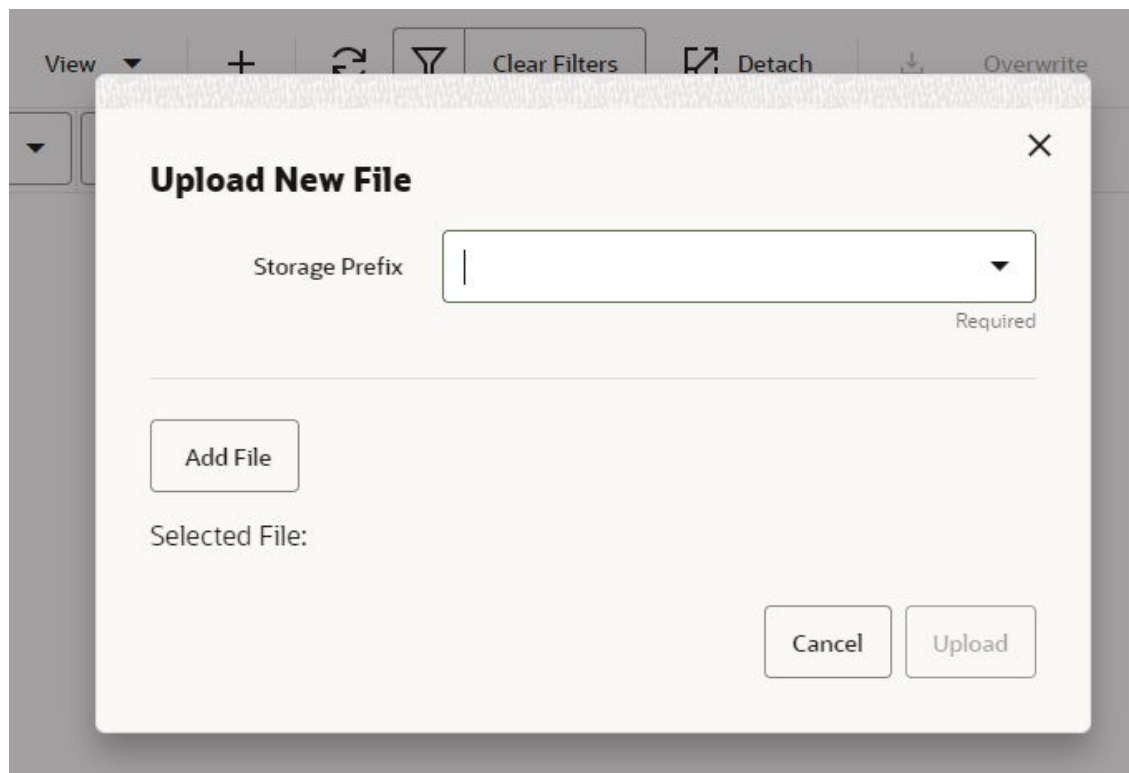
- **Filter By Storage Prefix:**
- **Upload New File:**
- **Refresh:**
- **Detach:**

List Attributes

- **Unknown:**

Detail Panel

Figure 6-6 Detail Panel in Edit Mode

**Detail Components**

- **Storage Prefix:**
- **Add File:**
- **Upload:**
- **Cancel:**

Job Admin

Documentation for the Batch [Job Administration](#) screen can be found in the [Batches](#) chapter within this guide.

Job Scheduler

Documentation for the Batch [Job Scheduler](#) screen can be found in the [Batches](#) chapter within this guide.

MPS Staged Message

The MPS Staged Message administration form is used to monitor the messages in the Message Processing System queue. Each message contains the detailed information being transmitted between EICS and an external system.

Figure 6-7 MPS Staged Message

Record ID	In/Out	Type	Family	Create Time	Update Time	Execution Count	Business ID	Store ID	Job ID	Description
1	Outbound	InvAcquisCre	InvAdjust	1/21/22 10:51:39 AM	1/21/22 10:55:15 AM	1	SIM#1	5000	1	INVADJUST.5000

Filter Bar

- **Search:** This is a button that displays a filtering dialog.
- **Description:** A non-labeled text field follows the Filter button that displays what criteria are currently selected to filter the staged message table.

Filter Dialog Attributes

- **Family:** Limits the search results to only those messages in the specified family.
- **In/Out:** Indicates if the message is inbound to EICS or outbound to an external system.
- **Search Limit:** Limits the number of messages found to the specified limit or less.
- **Show Pending:** If true, only messages that are pending will be displayed.
- **Show Retry:** If true, only messages that are in retry will be displayed.

Figure 6-8 MPS Staged Message Filter

The image shows a dialog box titled "MPS Staged Message Search Criteria" with a close button (X) in the top right corner. Inside the dialog, there are three dropdown menus: the first is labeled "Family" and has "All" selected; the second is labeled "In/Out"; and the third is labeled "Search Limit" and has "50" entered. Below these are two toggle switches: "Show Pending" is set to "No" (the toggle is to the left), and "Show Retry" is set to "Yes" (the toggle is to the right). At the bottom of the dialog are three buttons: "Search" (with a magnifying glass icon), "Reset" (with a circular arrow icon), and "Cancel".

Filter Dialog Buttons

- **Search:** Executes a search for staged messages based on the selected criteria and refreshes the list table with that information.
- **Reset:** Results the filter dialog back to its default settings.
- **Cancel:** Closes the dialog without taking any action.

List Buttons

- **Refresh:** Refreshes the staged message list with current information.
- **Retry:** If a staged message is selected, selecting this button will retry the processing of the staged message.
- **Delete Selected:** If a stage message is selected, selecting this button will attempt to delete the message.
- **Filter:** Activates the filter dialog allowing the user to filter information.

List Attributes

- **Record Id:** A unique identifier assigned to the stage message.
- **In/Out:** Indicates if the message is inbound to EICS or outbound to an external system.
- **Type:** Type of message within a family. For example, most families of messages have a create, modify, and delete type of message. See [Appendix G: MPS Message Types](#) for further information about DCS message types.

- **Family:** Describes the family that the message belongs to. This will align with a MPS Work Type scheduled to process this family of messages.
- **Create Time:** The timestamp of the first time the message was created.
- **Update Time:** The timestamp of the last time the message was updated.
- **Execution Count:** The number of times the system has attempted to process the message.
- **Business ID:** A business identifier associated to the message. More than one message may carry a business identifier, and so this can be used to associate messages that may be related to the same activity.
- **Store ID:** The identifier of the store associated to the message.
- **Job ID:** The job identifier is a server-generated sequence number used for grouping related messages. If a message is singular with no other related messages, then its record identifier and job identifier will be identical. For messages, that must be executed sequentially together as a group, they will be assigned the same job identifier but different record identifiers.
- **Description:** A brief formatted description of the staged message that gives some indication of the contents within.

MPS Work Type

The MPS Work Type administration form is used to configure the MPS work types. MPS stands for Message Processing System and each work type represents an external inbound or outbound message family or grouping to be delivered to another system. These work types do not represent the messages themselves (see MPS Staged Message) but the working queue that handles the processing of these external messages.

Figure 6-9 MPS Work Type List

MPS Work Type

Save Refresh

Work Type	Direction	Active	Retry Limit	Pending Count	Retry Count	Fail Count	Last Update	Last New	Retry Delay Secs	Retry Delay Max.
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
ASNIIn	Inbound	No	-1	0	0	0			-1	
ASNOOut	Outbound	No	-1	0	0	0			-1	
ClrPrcChg	Inbound	No	-1	0	0	0			-1	
ColInvAvail	Outbound	No	-1	0	0	0			-1	
DcsPrice	Inbound	No	-1	0	0	0			-1	
Diffs	Inbound	No	-1	0	0	0			-1	
DlvYsIt	Inbound	No	-1	0	0	0			-1	

Detail

Edit Apply Cancel

Retry Limit: -1

Retry Delay Factor: -1

Retry Delay Secs: -1

Retry Delay Random: -1

Retry Delay Max. Secs: -1

Purge Processed: No

Active: No

List Buttons

- **Save:** Persists currently altered information.
- **Refresh:** Refreshes the screen with currently persisted information.
- **Filter:** Enabled are disabled the filtering row in the table.

List Attributes

- **Work Type:** The work type is the name of the message queue being worked on.
- **Direction:** Indicates if the message queues is inbound to EICS or outbound to an external system.
- **Active:** Yes indicates the work type is currently active and attempting to process messages. No indicates it has been disabled.
- **Retry Limit:** The number of times to attempt to process a single message before marking it as failed.
- **Pending Count:** Number of messages pending processing.
- **Retry Count:** Number of times the system as attempted to process the message. Zero times means processing has not been attempted yet.
- **Fail Count:** Number of messages that have failed to be processed.
- **Last Update:** The timestamp of the last time a staged message record was updated in the database for this specific work type.

- **Last New:** The timestamp of the last time a staged message record was created in the database for this specific work type.
- **Retry Delay Secs:** The delay in seconds between retries.
- **Retry Delay Max Secs:** The maximum delay in seconds between retries.
- **Retry Delay Factor:** This factor is used to increase retry delay. The access to this flag is restricted to Oracle.
- **Retry Delay Random:** The factor used to limit the range of retry delay randomization. The access to this flag is restricted to Oracle.
- **Purge Processed:** Indicates if automatic purging of messages that are processed successfully is enabled. This flag is enabled by default and the edit access is restricted to Oracle.
- **Update Date:** The date/time when the MPS work type was updated.
- **Update User:** The user that updated the work type.

Detail Panel

Figure 6-10 Detail Panel In Edit Mode

The screenshot shows a 'Detail Edit' panel with a header bar containing 'Edit', 'Apply', and 'Cancel' buttons. Below the header, there are five input fields arranged in two columns. The left column contains four text input fields: 'Retry Limit' with value '-1', 'Retry Delay Secs' with value '-1', 'Retry Delay Max. Secs' with value '-1', and 'Retry Delay Factor' with value '-1'. The right column contains two toggle switches: 'Retry Delay Random' with value '-1', 'Purge Processed' with a 'No' label, and 'Active' with a 'No' label.

Detail Buttons

- **Edit:** Places the detail information displayed into edit mode.
- **Apply:** Applies the current data to the work type and updates the list information.
- **Cancel:** Places the panel back into display mode without applying the information.

Detail Attributes

- **Retry Limit:** The number of times to attempt to process a single message before marking it as failed. Zero indicates it should only be attempted once and will not be retried. A positive value indicates how many attempts to process the message should be made in addition to the original attempt.
- **Retry Delay Seconds:** The number of seconds between attempts to process a message. Zero indicates no delay whereas a value of 30 indicates 30 seconds between attempting to

process the message. This value does not represent an absolute value as it used with other parameters below to produce a calculated message time delay.

- **Retry Delay Max Seconds:** This is the maximum number of seconds for a delay between processing messages. This caps the maximum value for the calculated delay.
- **Retry Delay Factor:** This attribute produces an increased delay between each retry of a failed message in the queue. It is a decimal value starting at 1.0 and increasing. If you enter 1.0, it means there will be no increase in the retry delay seconds during repeated attempts to process a message. A value of 1.5 indicates that the retry delay seconds will be 150% of the retry delay seconds on retry.

A linear delay of 1.0 can be used but may result in messages reaching their retry limit prior to any issues being resolved. A value of 1.5 or larger will produce an increased delay that may allow time for other dependent messages that could be holding up execution to arrive. The access to this flag is restricted to Oracle.

- **Retry Delay Random:** Defines the amount of the delay to increase or decrease by a random amount. It accepts values from 0.0 to 1.0. A value of 0.0 disables random variation of the delay. A value of 0.5 indicates the calculated delay may be randomly altered by up to 50% of its value whereas 1.0 indicates it could be randomly altered up to 100% of its value. It is recommended to use at least some small random variation to improve message throughout as this will reduce resource contention and help avoid timing issues. The access to this flag is restricted to Oracle.
- **Notes:** The parameters are applied to retries in the following manner. The retry delay seconds is first increased by the retry delay factor, then the retry delay max seconds is applied, and finally the random delay is added or subtracted to determine the final number of seconds to wait between message processing attempts.
- **Purge Processed:** Switch to enable/disable automatic purge of messages that are processed successfully. This flag is enabled by default and the edit access is restricted to Oracle.
- **Active:** Switch to enable/disable a work type.

MPS Work Type (DCS)

Those message types prefixed with DCS (Data Collection System) is a series of work types that processes the staged messages that came from the DCS work types as they gathered data from MFCS and imported it into the stage message table. These work types take the DCS staged message and process it. These should be activated if MFCS is integration via a direct PDB integration (not using the RIB).

Table 6-1 MPS Work Type Messages

Work Type	Description
DcsAllocation	Processes allocation messages
DcsAsn	Processes incoming shipment messages
DcsDiff	Processes differentiator related messages (diffs, diff types)
DcsFiscalDocument	Processes fiscal document message
DcsHierarchy	Processes merchandise hierarchy messages (department, class, subclass)
DcsItem	Process item related messages (item, item images, etc)
DcsItemLocation	Processes item location messages (store items, warehouse items, item replenishment)

Table 6-1 (Cont.) MPS Work Type Messages

DcsOrder	Processes order messages (purchase orders)
DcsPartner	Processes finisher message
DcsPrice	Processes price messages
DcsRtv	Processes return-to-vendor request messages
DcsStore	Processes store messages
DcsSupplier	Processes supplier messages
DcsSupplierItem	Processes supplier item messages (supplier item, supplier item country, etc)
DcsTransfer	Processes transfer request messages
DcsUda	Processes user defined attribute messages
DcsWarehouse	Processes warehouse message

MPS Work Type (DPS)

Those message types prefixed with DPS (Data Publishing System) is a series of work types that processes the staged messages that are outgoing to external third party systems. These work types take the DPS staged message and process it sending it to configured REST service endpoints that must be directly implemented by a third party system.

Table 6-2 MPS Work Type Messages

Work Type	Description
DpsCountSchedule	Publishes stock count schedule messages
DpsDsdReceipt	Publishes direct-store-delivery receipt message
DpsFiscalDocument	Publishes fiscal document request messages
DpsInvAdjustment	Publishes inventory adjustment message
DpsNotification	Publishes system notification message
DpsShipment	Publishes shipment messages
DpsStockStatus	Publishes modifications to stock status messages (often such things a reserved status)
DpsStoreOrder	Publishes store order requests and approval messages
DpsTicketPrint	Publishes requests for ticking printing messages
DpsTransferReceipt	Publishes transfer receipt messages
DpsVendorReturn	Publishes return-to-vendor messages

MPS Work Type (RMS)

Those message types prefixed with RMS (Retail Merchandising System) is a series of work types that processes the staged messages that are outgoing specifically to MFCS through direct PDB shared tablespace. These work types take the RMS staged message and process it sending it to intermediate shared table to be picked up and processed by MFCS.

Table 6-3 MPS Work Type Messages

Work Type	Description
RmsCountSchedule	Publishes stock count schedule messages
RmsDsdReceipt	Publishes direct-store-delivery receipt message
RmsFiscalDocument	Publishes fiscal document request messages
RmsInvAdjustment	Publishes inventory adjustment messages
RmsPoReceipt	Publishes purchase order receipt messages
RmsShipment	Publishes shipment messages
RmsStockStatus	Publishes modifications to stock status messages (often such things as reserved status)
RmsStoreOrder	Publishes store order requests and approval messages
RmsTransferReceipt	Publishes transfer receipt messages
RmsVendorReturn	Publishes return-to-vendor messages

MPS Work Type (RIB)

Those message types that do have a prefix define a series of work types that processes the incoming messages from the RIB and the outgoing messages to the RIB.

Table 6-4 MPS Work Type Messages

ASNIn	Processes incoming shipment messages
ASNOut	Processes outgoing shipment messages
ClrPrcChg	Processes incoming clearance price change messages
ColInvAvail	Processes outgoing customer order store based inventory availability messages
DiffS	Processes incoming differentiator messages
DlvySlT	Processes incoming delivery slot messages
DSDReceipt	Processes incoming direct-store-delivery receipt messages
FulfilOrd	Processes incoming fulfillment order messages
FulfilOrdCfm	Processes outgoing fulfillment order confirm messages
FulfilOrdCfmCnc	Processes outgoing fulfillment order confirm messages
Global (Inbound)	Overall processing type that activates all incoming work types
Global (Outbound)	Overall processing type that activates all outgoing work types.
InvAdjust (Inbound)	Processes incoming warehouse inventory position change messages.
InvAdjust (Outbound)	Processes outgoing store inventory position change message.
InvReq	Processes outgoing inventory request messages
ItemLoc	Processes incoming inventory location (store items, warehouse items) messages
Items	Processes incoming item message
ManifestCloseShipment	Processes incoming requests to close a manifest
MerchHier	Processes incoming merchandise item hierarchy messages

Table 6-4 (Cont.) MPS Work Type Messages

Notification	Processes outgoing system notification message
Order	Processes incoming purchase order messages
Partner	Processes incoming finisher messages
POSTransaction	Processes incoming POS transaction messages
PrmPrcChange	Processes incoming promotion price change messages
RcvUnitAdj	Processes incoming receiver unit adjustment messages
Receiving (Inbound)	Processes inbound receipt messages
Receiving (Outbound)	Processes outgoing receipt messages
RegPrcChg	Processes incoming regular price change messages
RTV (Inbound)	Processes inbound return-to-vendor request messages
RTV (Outbound)	Processes outbound return-to-vendor shipment messages
SeedData	Processes incoming basic foundation (differentiator types) messages
ShipInfo	Processes outgoing pre-shipment messages
SoStatus (Incoming)	Processes incoming stock order status change messages
SoStatus (Outcoming)	Processes outgoing stock order status change messages
StkCountSch	Processes outgoing stock count schedule messages
StockOrder	Processes incoming stock order messages
StoreOrder	Processes outgoing store order messages
Stores	Processes incoming store messages
TicketPrint	Processes outgoing ticket print request messages
UDA	Processes incoming user-defined-attributes messages
Vendor	Processes incoming supplier messages
WH	Processes incoming warehouse messages

DCS Work Type

The DCS Work Type administration form is used to configure the DCS work types. DCS stands for Data Collection System and each work type represents an external inbound message family or grouping to be delivered from MFCS. These work types do not represent the messages themselves (see MPS Staged Message) but the working queue that handles the processing of these external messages. DCS Work types are a type of polling system that reaches out to MFCS tables for recently modified data and transfers that information into MPS staged messages that will be processed through normal MPS processing at that point.

Figure 6-11 DCS Work Type Form

Store Inventory Operations Cloud Service
5000 - Solihull

DCS Work Type

Save Refresh Filter

Work Type	Active	Refresh Rate Secs	Last Update	Records Collected	Error	Update Date	Update User
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
Address	No	-1		0			
Allocation	No	-1		0			
Class	No	-1		0			
Department	No	-1		0			
Diff	No	240		0			
DiffType	No	-1		0			
FiscalDocument	No	-1		0			
Global	Yes	120		0			
Item	No	60		0			
ItemImage	No	-1		0			
ItemLocation	No	-1		0			
ItemPrice	No	-1		0			
ItemReplenishment	No	180		0			
ItemUda	No	-1		0			
Partner	No	-1		0			
PurchaseOrder	No	-1		0			
ReceiverUnitAdjustment	No	-1		0			
RelatedItem	No	-1		0			
Shipment	No	-1		0			
Store	No	-1		0			
Subclass	No	-1		0			
Supplier	No	-1		0			
SupplierItem	No	180		0			
SupplierItemCountry	No	240		0			
SupplierItemCountryDim	No	300		0			

List Buttons

- **Save:** Persists currently altered information.
- **Refresh:** Refreshes the screen with currently persisted information.
- **Filter:** Enabled are disabled the filtering row in the table

List Attributes

- **Work Type:** The work type is the name of the message queue being worked on.
- **Active:** Yes indicates the work type is currently active and attempting to process messages. No indicates it has been disabled.
- **Refresh Rate Secs:** It indicates the interval after which the work type must start polling the information again.
- **Last Update:** The last timestamp when the work type woke up and gathered records(s).
- **Records Collection:** The number of records collected when the work type woke up last.
- **Error:** An error if the work type has failed and stopped functioning.
- **Update Date:** The date when the work type settings were last updated.
- **Update User:** The last user who updated the work type settings.

Figure 6-12 Detail

Detail

Edit Apply Cancel

Work Type

Active
No

Refresh Rate Secs

Detail Buttons

- **Edit:** Places the detail information displayed into edit mode.
- **Apply:** Applies the current data to the work type and updates the list information.
- **Cancel:** Places the panel back into display mode without applying the information.

Detail Attributes

- **Active:** Denotes whether the Work Type is active or not. When active, data will be gathered from MFCS for that work type.
- **Refresh Rate Seconds:** This indicates how frequently the work type will activate and attempt to gather information from MFCS.

Table 6-5 Work Type

Work Type	Description
Address	Gathers location addresses
Allocation	Gathers transfer allocations
Class	Gathers merchandise hierarchy class
Department	Gathers merchandise hierarchy departments
Diff	Gathers item differentiators

Table 6-5 (Cont.) Work Type

DiffType	Gathers item differentiator types
FiscalDocument	Gathers fiscal document response information
Global	This is the one used to override the settings of all work types
Item	Gathers item information
ItemImage	Gathers item image information
ItemLocation	Gathers item location information (item at store, warehouse, etc)
ItemPrice	Gathers item price information
ItemReplenishment	Gathers item location replenishment information
ItemUDA	Gathers user defined attributes for an item
Partner	Gathers finisher information
Purchase Order	Gathers purchase order information, including those for store order review
Receiver Unit Adjustment	Gathers receipt adjustments
RelatedItem	Gathers related item information
Shipment	Gathers shipment (ASN) information
Store	Gathers store information
Subclass	Gathers merchandise hierarchy subclasses
Supplier	Gathers supplier information
SupplierItem	Gathers supplier's item information
SupplierItemCountry	Gathers supplier's item information for a specific country
SupplierItemCountryDim	Gathers supplier's item's dimensions information at a specific country.
SupplierItemCountryManuf acturer	Gathers the country of manufacture information for a supplier's item
SupplierItemUOM	Gathers unit of measure information for a supplier's item
Transfer	Gathers transfer request information
UDA	Gathers user defined attribute setup information
VendorReturn	Gathers information about vendor return requests
Warehouse	Gathers information about warehouses

Operational Issues Screens

This chapter describes administration screens which users with System-Operator role, can view for operational issues. The operational issues are divided into four categories.



Note:

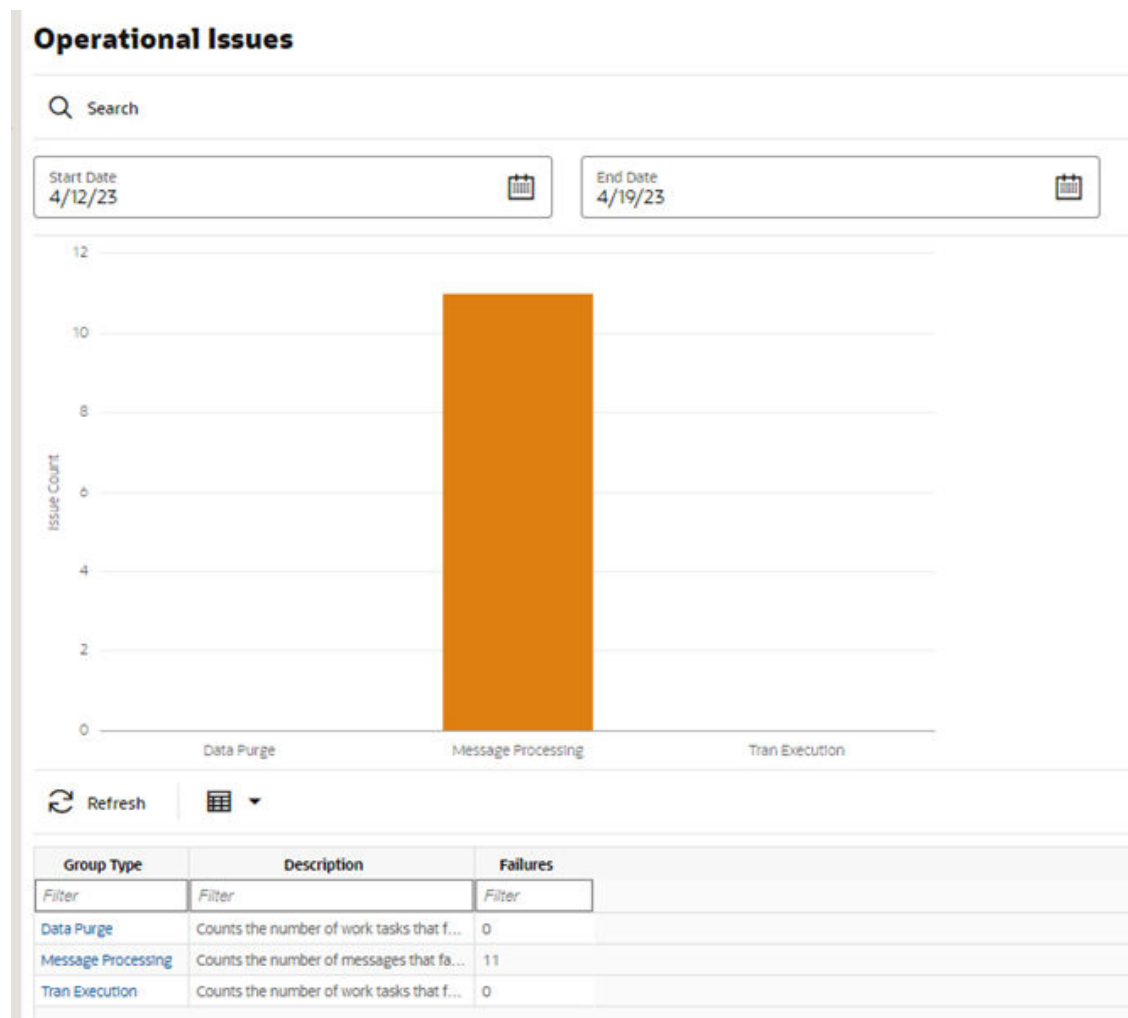
Data Search Range has been defaulted to last 14 days. Users can change the date range.

- **Data Purge** — Scheduled background work tasks that archive and remove data from the database. The issue counts the number of work tasks that failed. Primary Tables: BATCH_EXECUTION, BATCH_ACTIVITY
- **Message Processing** — Scheduled background work tasks that process asynchronous messages in a queue. The issue counts the number of messages that failed. Primary Tables: MPS_STAGED_MESSAGE
- **Transactional Execution** — Scheduled background work tasks that execution business processes on transactional data. The issue counts the number of work tasks that failed. Primary Tables: BATCH_EXECUTION, BATCH_ACTIVITY

Operational Issues List Screen

This screen displays the summary of operational issues for each category.

Figure 6-13 Operational Issues List Screen



**Note:**

On the bar graph, the **Issue Count** will be displayed when user moves the cursor to the bar graph.

Operational Issues Review

This screen displays the operational issues for selected categories and date ranges. It provides following common actions in the operational issue review screens:

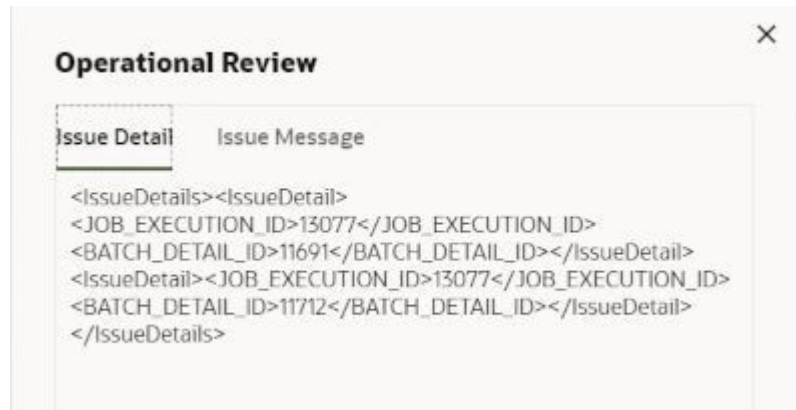
- **Search Filter** — Each Operational Review Screen has Search filters. The search filter fields vary based on the operational groups. The search filter fields are: Search Limit, date range.

Figure 6-14 Search Filter

The screenshot shows a dialog box titled "Operational Search Filter" with a close button (X) in the top right corner. The dialog contains five input fields: "Module Name" with a dropdown arrow and the value "All", "From Date" with the value "1/13/22", "To Date" with the value "1/20/22", "Search Limit" with the value "999", and "Execution Id" which is empty. At the bottom of the dialog are three buttons: "Search" (with a magnifying glass icon), "Reset" (with a circular arrow icon), and "Cancel".

- **Issue Detail** — Click the Issue Link, and the issue detail dialog will be displayed. For example, the following screenshot displays the Bulk Data Import Issue Detail:

Figure 6-15 Issue Detail



Operational Review (Data Purge)

This screen displays a list of failed scheduled background work tasks that archive and remove data from the database.

Figure 6-16 Data Purge Screen

Issue ID	Execution ID	Module Name	Create Date	Business ID
13077	13077	ItemPrice_PurgeJob	2022-01-13T07:00:40Z	
13078	13078	ItemPrice_PurgeJob	2022-01-13T07:00:50Z	
13079	13079	ItemPrice_PurgeJob	2022-01-13T07:00:42Z	
13080	13080	ItemPrice_PurgeJob	2022-01-13T07:00:59Z	
13081	13081	ItemPrice_PurgeJob	2022-01-13T07:00:41Z	
13082	13082	PriceHistories_PurgeJob	2022-01-13T07:00:40Z	
13090	13090	ItemPrice_PurgeJob	2022-01-13T07:00:41Z	
13092	13092	PriceHistories_PurgeJob	2022-01-13T07:00:42Z	
13094	13094	PriceHistories_PurgeJob	2022-01-13T07:00:42Z	
13261	13261	PriceChangeWorksheet_PurgeJob	2022-01-13T08:35:36Z	
13262	13262	PriceChangeWorksheet_PurgeJob	2022-01-13T08:35:37Z	
13264	13264	PriceChangeWorksheet_PurgeJob	2022-01-13T08:35:37Z	
13269	13269	PriceChangeWorksheet_PurgeJob	2022-01-13T08:45:37Z	
13270	13270	PriceChangeWorksheet_PurgeJob	2022-01-13T08:45:37Z	
13281	13281	PriceChangeWorksheet_PurgeJob	2022-01-13T12:30:37Z	
13293	13293	PriceChangeWorksheet_PurgeJob	2022-01-13T11:30:37Z	
13310	13310	PriceChangeWorksheet_PurgeJob	2022-01-13T12:00:41Z	
13312	13312	ItemPrice_PurgeJob	2022-01-13T20:00:37Z	
13314	13314	ItemPrice_PurgeJob	2022-01-13T21:00:37Z	
13316	13316	ItemPrice_PurgeJob	2022-01-13T21:30:37Z	
13318	13318	ItemPrice_PurgeJob	2022-01-14T01:00:02Z	
13320	13320	ItemPrice_PurgeJob	2022-01-14T01:31:02Z	
13341	13341	PriceChangeWorksheet_PurgeJob	2022-01-13T18:30:37Z	
13342	13342	PriceChangeWorksheet_PurgeJob	2022-01-13T18:30:36Z	

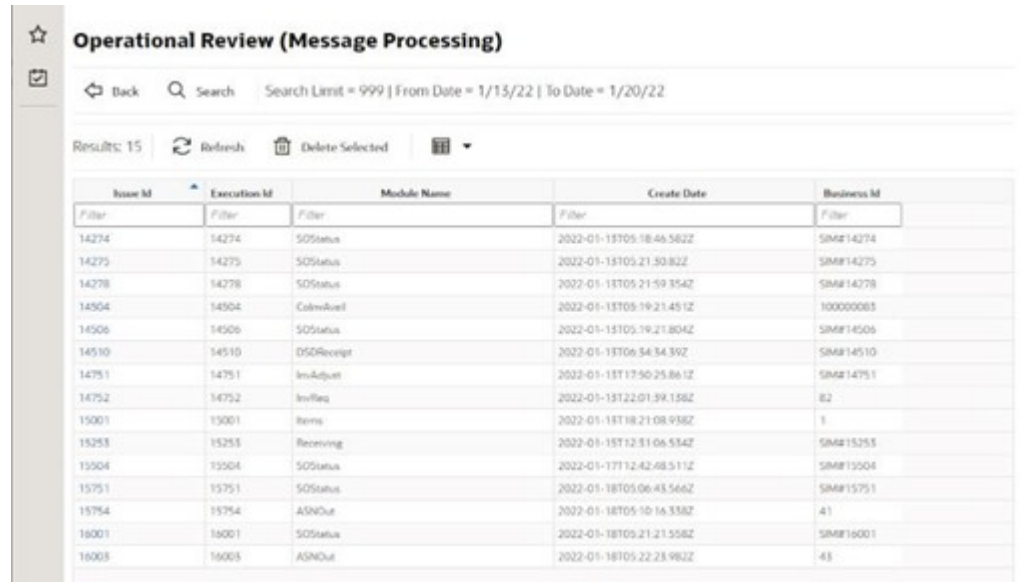
Delete Selected Button

On the Operational Review (Data Purge) screen, the “Delete Selected” button will delete the selected batch execution records if user has security permission “Batch Execution Delete”

Operational Review (Message Processing)

This screen displays a list of failed background work tasks that process asynchronous messages in a queue.

Figure 6-17 Message Processing Screen



Issue Id	Execution Id	Module Name	Create Date	Business Id
14274	14274	SOSStatus	2022-01-13T05:18:46.582Z	SIM#14274
14275	14275	SOSStatus	2022-01-13T05:21:50.822Z	SIM#14275
14278	14278	SOSStatus	2022-01-13T05:21:59.354Z	SIM#14278
14504	14504	Colmsdual	2022-01-13T05:19:21.451Z	100000083
14506	14506	SOSStatus	2022-01-13T05:19:21.804Z	SIM#14506
14510	14510	DSOReceipt	2022-01-13T06:54:34.39Z	SIM#14510
14751	14751	InvAdjus	2022-01-13T17:50:25.861Z	SIM#14751
14752	14752	InvReq	2022-01-13T22:01:39.138Z	82
15001	15001	Items	2022-01-13T18:21:08.938Z	1
15253	15253	Receiving	2022-01-13T12:51:06.534Z	SIM#15253
15504	15504	SOSStatus	2022-01-17T12:42:48.511Z	SIM#15504
15751	15751	SOSStatus	2022-01-18T05:06:43.566Z	SIM#15751
15754	15754	ASINOut	2022-01-18T05:10:16.338Z	41
16001	16001	SOSStatus	2022-01-18T05:21:21.558Z	SIM#16001
16005	16005	ASINOut	2022-01-18T05:22:23.982Z	43

Delete Selected Button

On the Operational Review (Message Processing) screen, the “Delete Selected” button will mark the selected record MPS staged message record as deleted if user has security permission “Delete MPS Staged Message”

Operational Review (Transactional Execution)

This screen displays a list of scheduled background work tasks that execute business processes on transaction batches if user has security permission “Batch Execution Delete”

Figure 6-18 Transactional Execution Screen

Operational Review (Tran Execution)

Back Search Search Limit = 999 | From Date = 1/13/22 | To Date = 1/20/22

Results: 724 Refresh Delete Selected

Issue Id	Execution Id	Module Name	Create Date	Business Id
Filter	Filter	Filter	Filter	Filter
15115	15115	StockCountExport_OpsJob	2022-01-15T07:00:42Z	
15116	15116	StockCountExport_OpsJob	2022-01-15T07:00:42Z	
15117	15117	StockCountExport_OpsJob	2022-01-15T07:00:42Z	
15120	15120	StockCountExport_OpsJob	2022-01-15T07:05:56Z	
15121	15121	StockCountExport_OpsJob	2022-01-15T07:05:58Z	
15122	15122	StockCountExport_OpsJob	2022-01-15T07:05:58Z	
15125	15125	StockCountExport_OpsJob	2022-01-15T07:15:58Z	
15126	15126	StockCountExport_OpsJob	2022-01-15T07:15:59Z	
15138	15138	StockCountExport_OpsJob	2022-01-15T07:05:58Z	
15152	15152	StockCountExport_OpsJob	2022-01-15T07:15:59Z	
15162	15162	StockCountExport_OpsJob	2022-01-15T07:20:58Z	
15165	15165	StockCountExport_OpsJob	2022-01-15T07:20:58Z	
15164	15164	StockCountExport_OpsJob	2022-01-15T07:20:58Z	
15169	15169	StockCountExport_OpsJob	2022-01-15T07:40:58Z	
15181	15181	StockCountExport_OpsJob	2022-01-15T07:50:57Z	
15200	15200	StockCountExport_OpsJob	2022-01-15T07:55:57Z	
15210	15210	StockCountExport_OpsJob	2022-01-15T07:40:58Z	
15216	15216	StockCountExport_OpsJob	2022-01-15T07:50:57Z	
15220	15220	StockCountExport_OpsJob	2022-01-15T07:55:57Z	
15252	15252	StockCountExport_OpsJob	2022-01-15T08:05:57Z	
15531	15531	StockCountExport_OpsJob	2022-01-15T17:10:56Z	
15557	15557	StockCountExport_OpsJob	2022-01-15T18:00:57Z	
15405	15405	StockCountExport_OpsJob	2022-01-14T21:06:01Z	

Delete Selected Button

On Operational Review (Transaction Execution) screen, the “Delete Selected” button will delete the selected batch execution records.

POS Transaction Resolution

The POS Transaction Resolution screen allows viewing and maintenance of point-of-sale transactions that failed processing and all retry attempts have failed:

Security Permission: Troubled POS Transaction Resolution

Figure 6-19 POS Transaction Resolution List

POS Transaction Resolution List

Search Search Limit = 50

Results: 1 Retry Refresh

ID	Request ID	Date	Transaction Type	Source Type	Transaction ID	Item	Description	Quantity	UOM	UIN	Customer Order Id	Fulfillment Id	Status
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	1		Sale	RESA	1	1			1 Cases	1	1	1	Failed

List Buttons

- **Search:** Navigates to the resolution search criteria screen.

- **Retry:** Will reset and retry processing for the selected POS transaction.
- **Refresh:** Will refresh the screen with current up to date information.

List Attributes

- **ID:** An internally generated unique transaction identifier. Clicking on the ID link will navigate to the POS Transaction Resolution Detail screen.
- **Request ID:** A request identifier indicating the processing group it was executed with.
- **Date:** The date of the transaction.
- **Transaction Type:** The type of transaction that occurred.
- **Source Type:** The source of the transaction.
- **Transaction Id:** The full sale transaction that this item sale is a part of.
- **Item:** The item.
- **Description:** The description of the item.
- **Quantity:** The quantity of item that was processed.
- **UIN:** A universal identifiable number (such as Serial number). If this is present, the quantity of the transaction is 1.
- **Co ID:** Customer Order identifier.
- **Fulfillment ID:** Fulfillment Order identifier.
- **Process Status:** The current state of processing for this item transaction.

Detail Screen

Figure 6-20 POS Transaction Resolution Detail

The screenshot displays the 'POS Transaction Resolution Detail' form. At the top, there are navigation buttons: 'Back', 'Retry', and 'Save'. The form is organized into a grid of input fields. The 'ID' field contains the value '1'. The 'UIN' field also contains '1'. The 'Processing Status' is set to 'Failed'. The 'Request ID' is '1', and the 'Reason' is '1'. The 'Item Id Type' is a dropdown menu currently showing 'Item'. The 'External ID' is '1', and the 'Customer Order Id' is '1'. The 'File Create Date' field has a calendar icon and is marked as 'Required'. The 'Transaction Date' field has a calendar icon and is also marked as 'Required'. The 'Store ID' is a dropdown menu showing '5000 - Solihull'. The 'Drop Ship' field is set to 'No'. The 'RESA Created' field is also set to 'No'. The 'Item' field contains '1', and the 'Transaction Type' is a dropdown menu showing 'Sale'. The 'Transaction Extended ID' is '1'. The 'Quantity' field contains '1', and the 'Update Date' field is empty. The 'Unit of Measure' is '1', and the 'Source Type' is 'RESA'. The 'Fulfillment Order Line Number' is '1'. The 'Comments' field contains '1', and the 'Customer Order Type' is 'Layaway'. The 'Failure Reason' field is empty.

Detail Buttons

- **Edit:** Places the detail information displayed into edit mode.
- **Apply:** Applies the entered data to the record and updates the list information.
- **Cancel:** Places the panel back into display mode without applying the information.

Detail Attributes

- **ID:** An internally generated unique transaction identifier.
- **Request ID:** A request identifier indicating the processing group it was executed with.
- **External ID:** The external sale transaction that this item sale is a part of.
- **Transaction Date:** The date of the transaction.
- **Store ID:** The identifier of the store the transaction took place item.
- **Item:** The item number.
- **Quantity:** The quantity of the transaction.
- **Unit Of Measure:** The unit of measure of the quantity.
- **Comments:** Comments associated to the point-of-sale transaction.
- **UIN:** A unique number, such as a serial number, associated with the transaction.
- **Reason:** A reason associated with the transaction.
- **Customer Order Id:** A customer order identifier if a customer order is associated to the transaction.
- **Customer Order Comments:** Comments associated with a customer order.
- **Drop Ship:** Yes indicates drop ship.
- **Transaction Type:** The type of transaction: sale, return, void sale, void return, customer order, customer order cancelation, customer order fulfillment.
- **Update Date:** The timestamp of the last update of this transaction record.
- **Source Type:** The source type of the transaction: RESA or POS.
- **Customer Order Type:** The type of customer order: Layaway, Pickup, Customer Order, Pending Purchase, Special Order, Web Order, or On Hold.
- **Processing Status:** The status of the POS transaction: New, Processed, Failed, Retry, or Reverted.
- **Item Id Type:** The type of item identifier: ITEM or UPC.
- **File Create Date:** The date the file the data came from was created.
- **Fulfillment Order External Id:** The external order system identifier for the fulfillment order.
- **RESA Created:** Yes if the record was created in RESA.
- **Transaction Extended ID:** A full generated unique transaction identifier.
- **EPC:** An EPC if one exists.
- **Fulfillment Order Line Number:** The
- **Failure Reason:** The reason the POS transaction is in a failed state.

Sequence Administration

The Sequence Administration screen is used to setup database sequence information for a specific set of tables. This can be used to prevent overlapping sequence generation between multiple database tables.

To access this screen, user need to be assigned followings:

Security Permission: Access Sequence Administration

Figure 6-21 Sequence Administration

Description	Last Number	Cache Size	Minimum Value	Maximum Value	Modified Start	Modified End	Update Date	Update User
DSD	1	20	1	999,999,999,...				
DSD Carton	1	20	1	999,999,999,...				
RTV	1	20	1	999,999,999,...				
RTV Shipment	1	20	1	999,999,999,...				
RTV Shipment Carton	1	20	1	999,999,999,...				
Shipment BOL	21	20	1	999,999,999,...				
Transfer	21	20	1	999,999,999,...				
Transfer Delivery	21	20	1	999,999,999,...				
Transfer Delivery Carton	21	20	1	999,999,999,...				
Transfer Shipment	21	20	1	999,999,999,...				
Transfer Shipment Cart...	21	20	1	999,999,999,...				

Detail

Edit Apply Cancel

Description
RTV Shipment

Last Number
1

Cache Size
20

Minimum Value
1

Maximum Value
999999999999999999

Modified Start

Modified End

List Buttons

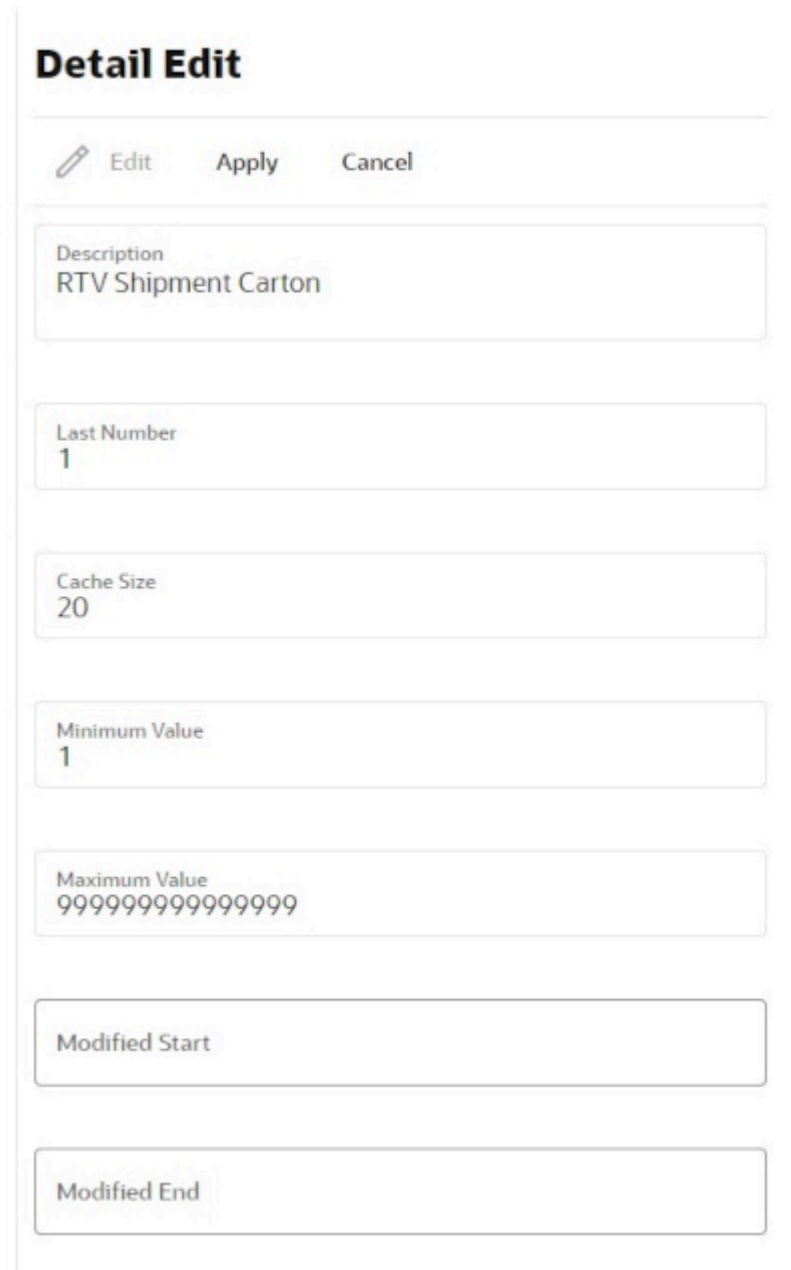
- **Save:** Persists currently altered information and refreshes the screen.
- **Refresh:** Refreshes the screen with currently persisted information.
- **Filter:** Enabled are disabled the filtering row in the table.

List Attributes

- **Description:** A description of the sequence.
- **Last Number:** The last currently used sequence number.
- **Cache Size:** The number of sequence number to keep in the database cache.
- **Minimum Value:** The minimum value the sequence can become.
- **Maximum Value:** The maximum value the sequence can become.
- **Modified Start:** Retailer specified starting number for the sequence.
- **Modified End:** Retailer specified ending number for the sequence.
- **Update Date:** The timestamp of the last update of the record.
- **Update User:** The user associated with the last update of the record.

Detail Panel

Figure 6-22 Detail Panel in Edit Mode



The screenshot shows a web interface titled "Detail Edit". Below the title are three buttons: "Edit" (with a pencil icon), "Apply", and "Cancel". The main area contains several input fields, each with a label and a value:

- Description: RTV Shipment Carton
- Last Number: 1
- Cache Size: 20
- Minimum Value: 1
- Maximum Value: 9999999999999999
- Modified Start: (empty field)
- Modified End: (empty field)

Detail Buttons

- **Edit:** Places the detail information displayed into edit mode.
- **Apply:** Applies the entered data to the record and updates the list information.
- **Cancel:** Places the panel back into display mode without applying the information.

Detail Attributes

- **Description:** The description of the sequence administration record. This can only be changed through translation administration (view only).
- **Last Number:** The last number written to the database disk (view only).
- **Cache Size:** The number of sequences kept in the database cache (view only).
- **Minimum Value:** The minimum value the sequence can become (view only).
- **Modified Start:** The retailer modified starting sequence number. It must be greater than minimum value and less than modified end.
- **Modified End:** The retailer modified ending sequence number. It must be less than the maximum value and greater than modified start.

Integration Dashboard

The integration dashboard screen displays information about the integration messages publication and subscription failures and the current processing statistics. This screen can be accessed from the technical maintenance menu. Administration users can use this dashboard to quickly verify the message failures based on the message families and export any data if applicable for fixing.

On the header portion, the system displays the pie chart with the failure numbers based on the message family and the total processing, failed and aged values. Aged here indicates the total integration messages that are aged ≥ 24 hours and still not processed.

Users need proper permission to access this dashboard. A user with access permission is allowed to do all the operations on this screen.

The system supports the below message groups.

1. DCS = Data Collection System

DCS Inbound counts the number of DCS family MPS messages in MPS staged message table waiting to be processed or failed.

DCS Outbound does not exist.

2. RIB = Retail Integration Bus

RIB inbound counts the number of inbound RIB family MPS messages in MPS staged message table waiting to be processed or failed.

RIB outbound counts the number of outbound RIB family MPS messages in MPS staged message table waiting to be processed or failed.

3. Bulk = Mass Data Imports

Overlaps with other areas.

Bulk imports count mass temporary storage tables or things that process asynchronously in large quantities.

Includes bulk REST imports, bulk transaction file imports and pos transaction.

Bulk allows exporting of errors.

Figure 6-23 Integration Dashboard

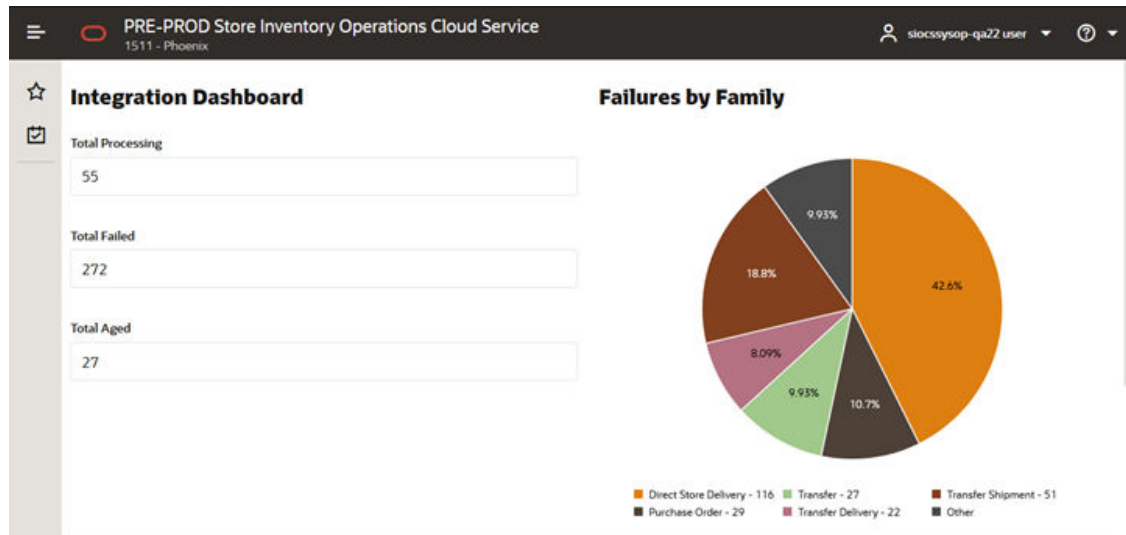
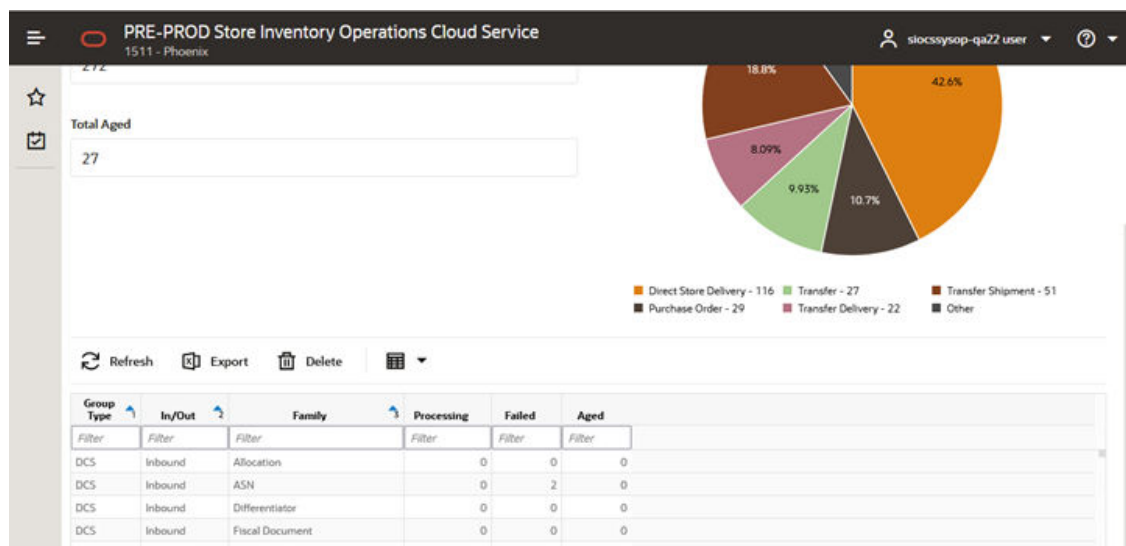


Figure 6-24 Integration Dashboard Showing Statistics



List Attributes

- **Group Type:** Values include DCS, RIB and Bulk.
- **In/Out:** This is to indicate whether it is inbound or outbound.
- **Family:** This displays the message family.
- **Processing:** Total messages under processing for the group type + in/out and family.
- **Failed:** Total messages failed for the inbound or outbound for the message family..
- **Aged:** Total messages that are not processed ≥ 24 hours for the shown message family.

Detail Buttons

- **Export:** Pressing this button after selecting a 'Bulk' type group will export all failed messages for that bulk type group to one or more files that can be retrieved via the file transfer system. Export is only allowed for bulk group types.
- **Export Process:** When exported, all the records for a particular bulk type that are currently marked in failed status will be exported. Once the files are created, the standard process for file transfer can be used. If you load several different initial import files before exporting, the errors from all previous file uploads will be exported at one time.
- **Delete:** This button is used when the user wants to permanently delete all error integration messages that are marked as previously exported for a particular bulk group type. Delete is only allowed for bulk group types.
- **Delete Process:** Once data is loaded from an external source into bulk processing intermediate tables, the data may end up failed due to business process or technical errors. Once previously failed data is exported to the file, the user can delete the records in the table.

All exported records for the selected family will be deleted, so if several files are loaded and several error files are exported, then the delete feature is used, it will delete all exported records. None exported records will not be deleted.

Duplicate records are not allowed in the intermediate temporary tables, so attempting to reload previous failed data which is now fixed will automatically fail unless the previous copy of the record is removed.

7

Configuration

This chapter describes how you can configure functionality usage.

Configuration can be achieved by adjusting:

1. [System Admin Parameters](#)
2. [Store Admin Parameters](#)
3. [Feature Permissions](#)

System Admin Parameters

Table 7-1 System Admin Parameters

Option	Description	Default Value	Topic	Type
Allow Non-Range Item	Values: Yes/No This parameter is to determine to give stores the ability to add non ranged items to functional areas in the application.	Yes	Admin	Boolean
Allow Item Lookup for Non-Ranged Items	Values: Yes/No Yes:user can look up non-ranged items in item lookup. This is the case even if the system is configured to not allow for non-ranged items, Allow Non-Ranged items = 'No'	Yes	Admin	Boolean
Barcode Scan/Entry Log - Receiving	Values: Yes/No Yes: Captures, on the mobile, all container and item scans or manual entries by user, location, and time at the point of receiving deliveries. Containers are captured in the quick receiving dialog when item level is captured in the Item Receiving function of the Container Summary for DSD and Transfer Receiving. No: Does not capture any container or item information in the mobile receiving dialogs.	Yes	Admin	Boolean
Default UOM	Values: Standard UOM / Cases Standard UOM the system will default to the standard UOM until the UOM is changed. Cases the system will default to cases until the UOM is changed.	2	Admin	Integer
Disable Custom Flexible Attributes	Values: Yes/No Yes: CFAs are disabled on MAF No: CFAs will be available on MAF	Yes	Admin	Boolean
Disable Pack Size	Values: Yes/No Yes: Pack size is disabled and cannot be changed. No: Pack size is editable and can be updated.	No	Admin	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Enable Inbound Transaction Integration for Non SIOCS Managed Stores	Values: Yes/No Yes: Inbound integration for stores marked as Non SIOCS Managed will occur when subscribing as well as in batch processing. No: Inbound integration for stores marked as Non SIOCS Managed will NOT occur when subscribing as well as in batch processing. Web services and foundation data are not impacted.	No	System Settings	Integer
Enable Sub-buckets	Values: Yes/No Yes: Sub-buckets will be used throughout the application. No: Sub-buckets will not be used in the application.	Yes	Admin	Boolean
Filter Merchandise Hierarchy	Values: Yes/No Yes: Hierarchies / departments will be filtered to those that are for the user's permissions. No: Hierarchies / departments will not be filtered for the user's permissions, all will be available.	No	Admin	Boolean
File Transfer Service Bucket Name	The object storage bucket name for file transfer service.	-	Admin	String
File transfer storage archives prefix	Object storage archives prefix.	Archives	Admin	String
File transfer storage exports prefix	Object storage exports prefix.	Exports	Admin	String
File transfer storage imports prefix	Object storage imports prefix.	Imports	Admin	String
File transfer storage rejects prefix	Object storage rejects prefix.	Rejects	Admin	String
Initial Data Load Display Summary Count	Values: Yes/No Yes: The record count in the Module List table on the Initial Data Load screen is displayed. For large volume tables, loading the count summary might take longer time on loading the UI. No: The record count in the Module List table on the Initial Data Load screen will not be displayed.	No	Admin	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Initial Data Load Seed	Values: Yes / No Yes: It indicates that Initial Data Load screen will be used for initial data seeding from MFCS to SIOCS (where they reside in the same pluggable database) and also in case of Standalone SIOCS (through file imports). No: The Initial Data Load screen will not be used for initial data seeding.	No	Admin	Boolean
Initial Data Load Seed Foundation Data	Values: Yes/No Yes: Foundation Data Groups (Item, Miscellaneous, Supplier and Warehouse) will be available for seeding. No: Foundation Data Groups will not be available for seeding.	Yes	Admin	Boolean
Initial Data Load Seed Store Data	Values: Yes/No Yes: Store Data will be available for data seeding. No: Store Data will not be available for data seeding.	Yes	Admin	Boolean
Item Description Translation Preference	Values: System/User System: The Item description displayed in the application would be the item description from STORE_ITEM table (store description) or from ITEM table if the item is not ranged. This is existing functionality. User: The Item description will be displayed in the user's preferred language if translation is available. If the translation is not available in the user's preferred language, then the item description will be displayed in the store locale language if it is available. If the translation is not available in the store locale language, then the item description displayed will be item description from STORE_ITEM (store description). If the item is a non ranged item, then the item description displayed will be from the ITEM table.	System	Admin	Boolean
Maintain RFID History	Values: Yes/No Yes: will create history records in the history table for every transaction occurred for the RFID Tag. No: will not create the history records however the integration with the RFID solution and RFID tag tracking could still be on.	Yes	Admin	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Maximum number of Tickets to use synchronous call	This is to determine the integration method with the printing service for the ticket printing based on the number of tickets set. 0 indicates to use the MPS staging process only. Regardless of mobile or desktop, SIOCS will send the ticket to the MPS table for processing. This is needed to keep supporting live customers who have currently only deployed the staged method. >0: If the value set here is greater than zero, the system will do a direct synchronous call to the printer service when the number of tickets is equal or less than the number of tickets set in this parameter. Example: If the value set here is 5 and the number of tickets submitted to print is anything from 1 to 5, the system will do a direct synchronous call to the printer service bypassing the MPS staging process. If the number of tickets printed is above five, it will be MPS staged process. This behavior is regardless of mobile or desktop application.	0	Admin	Integer
Publish 3 Character Country Code	Values: Yes, No Yes: The system will publish all the outgoing messages that involves country code with the 3 characters ISO country code. No: The system will publish all the outgoing messages that involves country code with the 2 characters ISO country code.	No	System Settings	Boolean
Server Repave Pending Continue	The batch process checks if the server is about to be repaved for batch unit of work, if this configuration value is set to true, the batch will continue to process next unit of work; if the value is set to false, the batch will skip process the next unit of work, the remaining un-processed works will be marked as stopped and exit the batch process.	Yes	Admin	Boolean
Shopfloor Out of Stock Items Critical Percentage	Values: 0.01 - 100% If the percentage of out of stock items on shop floor to total items is greater than this percentage, then there will be an '!' alert with the number of items out of stock on the tile report.	0.01%	Admin	Integer
Stop Job On Over Max Duration	Internal batch scheduler configuration reserved for future use, currently not used.	No	Admin	Boolean
System Code	Code identifying the application for integration with an external system. This often is a company ID. This is only used for outbound integration.	INV	Admin	String
Audit Direct Store Delivery	Audit Records are log of activities and usage information in the system. This parameter is to determine whether activity records for actions (confirm/submit/update and so on) performed on vendor delivery and vendor delivery carton will be created.	Yes	Audit	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Audit Publish Message	Audit Records are log of activities and usage information in the system. This parameter is to determine whether activity records for outbound messages will be created.	Yes	Audit	Boolean
Audit Receive Message	Audit Records are log of activities and usage information in the system. This parameter is to determine whether activity records for inbound messages will be created.	Yes	Audit	Boolean
Audit RTV Update	Values: Yes/No Yes: Enables activity logging for rtv request and rtv shipments. No: Disables activity logging for rtv request and rtv shipments.	Yes	Audit	Boolean
Audit Security	Values: Yes/No Yes: Enables activity logging for security events. It includes login success/failure, security management changes (roles, user assignments, and so on). No: Disables activity logging for security events.	Yes	Audit	Boolean
Audit Stock Count Completed	Audit Records are log of activities and usage information in the system. This parameter is to determine whether activity records will be created for count or recount complete for stock count child.	Yes	Audit	Boolean
Audit Transfer Dispatch	Values: Yes/No Yes: Enables activity logging for transfer shipments. No: Disables activity logging for transfer shipments.	Yes	Audit	Boolean
Audit Transfer Receiving	Values: Yes/No Yes: Enables activity logging for transfer receiving. No: Disables activity logging for transfer receiving.	Yes	Audit	Boolean
Audit Transfer Update	Values: Yes/No Yes: Enables activity logging for transfer requests. No: Disables activity logging for transfer requests.	Yes	Audit	Boolean
Batch max files per job run	Batch max files per job run.	20	Batch	Integer
Batch Maximum Threads	Gives the maximum number of batch partitions for a batch to run.	5	Batch	Integer
Batch Scheduler Execution Interval	Gives the batch scheduler execution delay interval duration to throttle batch execution calls.	300	Batch	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Compress inventory extract files into zip file	This system parameter indicate whether to compress the inventory extract files into zip. When the compress is true, then the export files will be placed into zip (each zip file will be limited to max 50 MB), multiple zip files maybe generated with the naming conversion as below: zipFileName = filePrefix + "_" + partNum + "_" + <datetime> + ".zip"	No	Batch	Boolean
Days to Hold Archived and Rejected Files	Gives the days to hold rejected and archived batch files before deleting them from the batch directory.	30	Batch	Integer
Days To Hold Before Auto Canceling Stock Counts	Values: 0 - 999 This parameter holds the number of days before marking the stock counts which are not completed or un-executed as canceled (status = 20).	30	Batch	Integer
Enable archive import file to object storage	Values: Yes/No. Yes: Enables archive imported batch files to object storage on completion. No: Disables archive imported batch files to object storage on completion.	Yes	Batch	Boolean
Initial Data Load Fail Limit	The number of errors allow before terminating the Initial Data Seeding process.	0	Batch	Integer
Initial Data Load Chunk Limit	The commit frequency in number of records during Initial Data Seeding process.	1000	Batch	Integer
Initial Data Load Chunk Log Limit	The number of errors allowed before terminating the Initial Data Seeding process.	15	Batch	Integer
Inventory Extract Omnichannel Store only	Values: Yes/No Yes: Among the SIOCS Managed Stores, the Inventory Extract Batch would consider only the Omnichannel stores to extract the inventory data of the items.	No	Batch	Boolean
Maximum Job Instances Per Scheduler Execution	Gives the maximum number of jobs allowed per run of the scheduler.	100	Batch	Integer
Merge Data During Initial Data Load	Values: Yes/No Yes: Data from the Standalone IDLS staging tables will be merged into the SIOCS master tables. No: Data from the Standalone IDLS staging tables will be inserted into the SIOCS master tables.	Yes	Batch	Boolean
Pricing Max Events Per Job Run	Indicating the maximum pricing events to poll from pricing event Integration Change Log (ICL) table per Item Price ICL Import batch run.	100	Batch	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Purge Staging Tables During Initial Data Load	Values: Yes/No Yes: purge staging data after initial data seeding completed. No: not purge staging table after after initial data seeding completed.	Yes	Batch	Boolean
Search Limit Default for Batch Job Days	Gives the default number of days in past for batch job records to be displayed on Batch Job Admin screen on EICS.	7	Batch	Integer
Days to Hold Areas	Values: 0-30 Purge all areas that are greater than or equal today's date minus the days to hold value.	30	Clean Up	Integer
Days to Hold Audit Records	Values 45-120 Audit Records are log of activities and usage information in the system. This parameter is to determine the number of days to hold the audit records. The batch will delete all records where the create date is less than or equal to current date minus the days to hold.	45	Clean Up	Integer
Days To Hold Batch Logs	Values: 0-30 Delete all logs where the log date is less than or equal to the current date minus the days to hold for any records.	30	Clean Up	Integer
Days to Hold Closed Warehouse Containers	Values : 0-999 This parameter holds the number of days after which the closed warehouse containers and associated deliveries will be deleted.	30	Clean Up	Integer
Days to Hold Completed Inventory Adjustments	Values: 0-120 Delete records in 'Complete' Status where the inventory complete date is less than or equal to the current date minus the days to hold.	120	Clean Up	Integer
Days to Hold Completed Purchase Orders	Values: 0-120 Purge all records in 'Closed' status after 'x' number of days defined by user, where the complete date (the date of when all items were received on the order) is less than or equal to the current date minus the days to hold.	120	Clean Up	Integer
Days to Hold Completed Staging Records	Values: 1-3 Delete all records that have been processed successfully or deleted where the update date is less than or equal to the current date minus the days to hold for any records.	3	Clean Up	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Days to Hold Completed Stock Counts	Values: 0-90 Purges any records 'x' days after the last stock count event has occurred. In other words, when the schedule date is less than or equal to the current date the system will subtract the days to hold completed stock counts from the date and delete when this date is reached. The purging will occur when the stock count has a status of 'Complete'.	90	Clean Up	Integer
Days to Hold Completed UINs	Values: 0-30 Indicates how long completed UINs are kept in the system. Completed UINs are defined as any UIN that is in one of the following statuses: Sold Shipped to Warehouse Shipped to Vendor Shipped to Finisher Removed from Inventory Customer Fulfilled	30	Clean Up	Integer
Days to Hold Customer Orders	Values: 0-30 Indicates the number of days that Cancelled, and Fulfilled Customer Orders will be held in the system before being purged.	30	Clean Up	Integer
Days to Hold Expired item price	Values: 0-90 Indicates the number of days to hold the expired price changes in the system before being purged.	90	Clean Up	Integer
Days to Hold Expired User Roles	Values: 0-30 This will determine the number of days after which the expired roles will be purged from the system	30	Clean Up	Integer
Days to Hold In Progress Ad Hoc Stock Counts	Values: 0-7 Ad hoc stock counts that are In Progress will be deleted through the purge process. Any ad hoc count with a creation date/time stamp older than this parameter value will be deleted. For example, the default value of 1 would delete all in progress counts more than 24 hours old when the batch is run.	1	Clean Up	Integer
Days to Hold Item Basket	Values: 1-30 This will determine the number of days to hold 'Canceled' and 'Completed' Item Baskets.	30	Clean Up	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Days to Hold Locking Records	Values: 0-3 Locking records will be purged through a batch process and the batch process will account for all locking activity across all functional areas. This is to determine the number of days to hold the locking records. The batch will delete all locking behavior around all functional areas where the lock date is less than or equal to the current business date minus the days to hold.	1	Clean Up	Integer
Days to Hold Notifications	Values: 0-14 This parameter is used to purge notifications which are greater than or equal to this value.	3	Clean Up	Integer
Days to Hold Price Change Worksheet Records	Values: 0-30 Records in the price change staging / worksheet table will be purged based upon this parameter.	30	Clean Up	Integer
Days to Hold Price History	Values: 0-90 The 'Days to Hold Price History' parameter allows the user to keep records beyond the 4 most recent historical prices for 'x' number of days if desired. Prices in the future will not be deleted and will not be included as part of the four historical prices that will remain on the database.	90	Clean Up	Integer
Days to Hold Received Shipment Records	Values: 0 - 30 Purge all PO and DSD Delivery records in 'Received' and 'Cancelled' status after 'x' number of days defined by user, where the inventory completed date is less than the current date minus the days to hold. There is a receipt record that will be deleted along with any record that is in 'Received' status.	30	Clean Up	Integer
Days to Hold Recently Edited Transactions	Values: 0-15 Purge all Recently Edited transactions on mobile where the post date is less than or equal to the current date minus the days to hold.	7	Clean Up	Integer
Days to Hold Related Items	Values: 0-10 To determine when a related item should be purged. Program will purge Related items that have an end date in the past. The system will purge the related items after 'x' number of days defined by user, where the related items End Date is less than the current date minus the days to hold.	0	Clean Up	Integer
Days to Hold Resolved UIN Exceptions	Values: 0-30 Indicates how long resolved UIN exceptions are kept in the system. The date the exception was resolved is the date the system uses to determine if the exception is ready to be purged.	30	Clean Up	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Days to Hold RFID	Values: 0-7 Indicates how long the RFID data that are not present in the store is kept in the system.	3	Clean Up	Integer
Days to Hold RFID History	Values: 0-120 This parameter will purge RFID history that is greater than or equal today's date minus the days to hold value.	120	Clean Up	Integer
Days to Hold RTV	Values: 0-90 This parameter will decide that which RTV documents and Shipments need to be purged. The value in this parameter will decide the number of days after a RTV document or shipment gets into cancelled or completed status for document and cancelled or shipped for shipment.	90	Clean Up	Integer
Days to Hold Sales Posting	Values: 1-30 The audit trail for the sales posting will be purged on a periodic basis based on the specified parameter. The system will purge all records from the database after the configurable number of days, where the processed date is less than or equal to current date minus the days to hold	30	Clean Up	Integer
Days to Hold Scan Lists	Values: 0-60 Purge any records in 'Complete' or 'Cancelled' status where the post date is less than or equal to the current date minus the days to hold	60	Clean Up	Integer
Days To Hold SFTP Log File	Indicating number of days to keep the sFTP log files before the log files to be deleted.	7	Clean Up	Integer
Days to Hold Shelf Adjustment Lists	Values: 0-30 Purge any records in 'Complete' or 'Cancelled' status where the post date is less than or equal to the current date minus the days to hold	30	Clean Up	Integer
Days to Hold Shelf Replenishments	Values: 0-3 Purge any records in 'Complete' or 'Cancelled' status where the post date is less than or equal to the current date minus the days to hold.	1	Clean Up	Integer
Days to Hold Store Orders	Values: 0-60 Purge any records in 'Approved' or 'Canceled' status where the post date is less than or equal to the current date minus the days to hold.	60	Clean Up	Integer
Days to Hold Temporary UINs	Values: 0-10 To indicate how long the temporary UINs must stay in the system.	10	Clean Up	Integer
Days to Hold Ticket History	Values: 1-30 To indicate how long the tickets that printed and persisted in the history table must stay.	30	Clean Up	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Days to Hold Transaction History	Values: 0-30 Determines the number of days after which store_item_stock_history records can be purged.	30	Clean Up	Integer
Days to Hold Transfer Documents	Values: 0 -120 This parameter would decide the number of days after which a Transfer document, shipments, and deliveries can be purged.	30	Clean Up	Integer
Days to Hold UIN Audit Information	Values: 0 -120 Indicates how long UIN audit information is kept in the system. Audit information can be purged for a UIN within the system. The date the audit transaction was captured is used to determine if the record needs to be purged.	120	Clean Up	Integer
Days To Hold Unexecuted Stock Counts	Range: 0 - 90 Gives the number of days after which an unexecuted stock count can be deleted via a batch	30	Cleanup	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Customer Order Fulfillment Restriction	Values: Restricted/Transaction Controlled/Line Controlled/Transaction Controlled: The Allow Partial Delivery indicator that comes in on the customer order will be used as it was sent. Restricted: The Allow Partial Delivery Indicator will be updated to 'No' on the Customer Order or Transfer Request upon coming into the system.- Customer Order Deliveries and Transfer Request/Shipment will validate the Allow Partial Delivery indicator as usual, however, it will be set to 'No' and force the user to have a full delivery (except for a user override in customer order deliveries).- Customer Order Picking: When creating a pick, the user will not be able to create the pick if there is not enough available to pick. When confirming a pick, everything must be picked on the customer order.- Reverse Picking: when creating a reverse pick, the user must reverse pick everything that was picked. Line Controlled: If an item is getting delivered, it must be delivered in its entirety- Customer Order Deliveries and Transfer Request/Shipment will validate the Allow Partial Delivery indicator as usual. When Allow Partial Delivery indicator is set to 'Yes', the system will force the user to approve/ship an item fully, if it is getting approved/shipped. When Allow Partial Delivery indicator is 'No', the system will force the user to ship the full order to the customer (except for a user override in customer order deliveries). In case the user has override permission, the customer order can be shipped partially however an item getting shipped should be shipped fully.- Customer Order Picking: When creating a pick, the user will not be able to create the pick if there is not enough available to pick at least one item. When confirming a pick, if an item is getting picked, it must be picked fully.	Transaction Controlled	Customer Order	Integer
Customer Order Pickup Notification	Values: Yes/No Yes: A new notification alert is generated that a customer is ready to pickup their order. No: A notification is not generated.	No	Customer Order	Boolean
Customer Order Receipt Notification	Values: Yes/No Yes: A receipt notification will be generated when a customer order related transfer receipt or Direct Store Delivery (DSD) has been confirmed. No: The notification will not be generated.	No	Customer Order	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Customer Order Reauthorization Notification	Values: Yes/No Yes: User will get a notification if a customer order has been reauthorized successfully, that is, when SIOCS successfully consumes and processes a RIB message from OBCS that a customer order has been released from on hold, a notification will be sent to the user. No: User will not get a notification if a customer order has been reauthorized successfully.	No	Customer Order	Boolean
Customer Order Tracking ID Required	Values: Yes/No Yes: If the store parameter 'Manifest Customer Order Deliveries' is set to No, the Tracking ID must be captured before dispatching the Customer Order Delivery. If 'Manifest Customer Order Deliveries' is set to Yes, then it is not required. No: Capturing Tracking ID becomes optional while dispatching the Customer Order Delivery.	No	Customer Order	Boolean
Display Item Image for Customer Order Delivery	Values: Yes/No Yes: This parameter indicates that item image will be displayed in Customer Order Deliveries. No: Images will not be displayed in Customer Order Deliveries	No	Customer Order	Boolean
Display Item Image for Customer Order Picking	Values: Yes/No Yes: This parameter indicates that item image will be displayed in Customer Order Picking. No: Images will not be displayed in Customer Order Picking.	No	Customer Order	Boolean
Display Item Image for Customer Order Reverse Picking	Values: Yes/No Yes: This parameter indicates that item image will be displayed in Customer Order Reverse Picking. No: Images will not be displayed in Customer Order Reverse Picking.	No	Customer Order	Boolean
Display Item Image for Customer Orders	Values: Yes/No Yes: Indicates item image will be displayed in Customer Orders. No: Image will not be displayed in Customer Orders.	No	Customer Order	Boolean
Minutes To Hold New Customer Order Before Sending Notification	Values: 0-999 This system parameter indicates the time interval in minutes to send a follow-up message to a store associated after a customer order (web order) has arrived, but no user has accessed the customer order.	5	Customer Order	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Minutes To Hold Open Customer Order Pick Before Sending Notification	Values: 0-999 This system parameter dictates the time interval in minutes to send a follow-up message to a store associate after a pick list has been created but no one has started the pick list.	15	Customer Order	Integer
New Customer Order Notification	Values: Yes/No Yes: This parameter generates a notification for a new cross channel (web order) customer order. No: No notification is generated.	No	Customer Order	Boolean
New Customer Order Reverse Pick Notification	Values: Yes/No Yes: A notification alert is generated when a new system generated reverse pick comes into the system. No: A notification is not generated upon getting a new system generated reverse pick.	No	Customer Order	Boolean
Publish available inventory for customer order enabled stores	Parameter to publish the inventory updates (COINVAVAIL message) to external system (OB/OMS) for customer order enabled stores.	No	Customer Orders	Boolean
Always Send DSD Receipt Cost	Values: Yes/No Yes: When the receipt is published, the unit cost will be sent if there is not an override cost. No: When the receipt is published, only the override cost will be sent if it exists.	No	DSD Receiving	Boolean
Display Unit Cost for Direct Deliveries	Values: Yes/No Yes: Display Unit Cost and allow editing when receiving. If On, the system displays the original cost and allows entering the new cost for the on-the-fly and Dex/Nex deliveries. For the delivery with PO and ASN, it displays the unit cost. Display the Unit Cost on the Direct Delivery Report when printing. No: Do not display this data to the user in the DSD Receiving Containers screen. Do not display the unit cost on the Direct Delivery Report. If No, the system does not display the unit cost and does not allow editing or entering new cost.	Yes	DSD Receiving	Boolean
Displays Item Image for DSD Receiving	Values: Yes/No Yes: This parameter indicates whether the item image will be displayed in Container Items and Item detail screens. No: Image will not be displayed in that functional area.	No	DSD Receiving	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Displays Item Image for Purchase Order	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in Purchase Order Items screen. No: Image will not be displayed in that functional area.	No	DSD Receiving	Boolean
DSD Receiving Preferred Currency	Values: Store Currency/Supplier Currency This parameter will default the store or supplier currency to newly created POs depending on preference.	Store Currency	DSD Receiving	Integer
Ignore the Supplier DSD indicator to create a PO on the fly	Values: Yes/No Allows the system to ignore the supplier level indicator when creating a PO in the system. Yes: The system ignores the supplier level flag and will always allow stores to create purchase orders for any supplier based on the receipt. No: The system will verify creating a purchase order on the fly is allowed based on the supplier level flag.	Yes	DSD Receiving	Boolean
Number of days received direct deliveries can be adjusted	Values: 0-999 0: no adjustment 1: allowed to adjust until the end of today 2: allowed to adjust until the end of tomorrow X: allowed to adjust until X number of days starting with today as day 1 This parameter specifies the number of days received direct deliveries can be reopened and adjusted. If a direct delivery falls within the number of days, the system allows to adjust the received delivery. The user will be allowed to edit values and confirm the delivery.	0	DSD Receiving	Integer
Over Received Quantity Notification	Values: Yes/No This parameter will generate a notification when more than the expected quantity has been received and the store parameter Direct Delivery Auto Remove Over Received Quantity is set to yes.	Yes	DSD Receiving	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Days Beyond PO Not After Date	This parameter is used to determine the Purchase Orders returned in the deliveries on Item Detail as well as calculating the On Order Qty. 1. Planned Deliveries Ordered Qty needs to be taking the Not After Date into account. Purchase Order – only include those PO's where Not After Date >= Today + Days Beyond PO Not After Date Transfer – only include those transfers where Not After Date >= Today 2. Deliveries – Only display deliveries where: Purchase Order – only include those PO's where Not After Date >= Today + Days Beyond PO Not After Date Transfer – only include those transfers where Not After Date >= Today	50	DSD Receiving	Integer
Display Item Image for Inventory Adjustments - Execution	Values: Yes/No Yes: The item image is displayed within Inventory Adjustments in SOCS. No: The item image is not displayed in Inventory Adjustments.	No	Inventory Adjustment	Boolean
Display Item Image for Item Baskets - Execution	Values: Yes/No Yes: The item image is displayed within Item Basket on the mobile. No: The item image is not displayed in Item Basket on the mobile. Note: This is not used for JET Mobile.	No	Item Basket	Boolean
Display Item Image for Item Lookup - Execution	Values: Yes/No Yes: The item image is displayed within Item Lookup on SOCS. No: The item image is not displayed in Item Lookup.	No	Item Lookup	Boolean
Display Price in Search Result - Operations	Values: Yes/No This parameter decides whether Price and Pricing Type will be displayed in the search results in the Item Lookup screen in the desktop application. Yes: Price and Price Type will be displayed in the search results. No: Price and Price Type will not be displayed in the search results.	Yes	Item Lookup	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Display SOH/ Price in Search Result - Execution	Values: Yes/No This parameter decides whether Price and Pricing Type will be displayed in the search results in the Item Lookup screen in the mobile application. Yes: Price and Price Type will be displayed in the search results. No: Price and Price Type will not be displayed in the search results.	Yes	Item Lookup	Boolean
Related Items Group by for Item Lookup - Execution	This parameter is used to determine how to group related items together in item lookup on the mobile. This parameter is used on JET Mobile	Diff 1	Item Lookup	String
Background Thread Count	Gives the thread count for background tasks in SOCS.	1	Mobile	Integer
Barcode Attribute Refresh Rate Milliseconds	Determines the cache refresh rate for barcode attribute labels in milliseconds.	3600000	Mobile	Integer
Date Output Chinese China	This is to determine the date format based on the locale.	yy-MM-dd	Mobile	String
Date Output Chinese Hong Kong	This is to determine the date format based on the locale.	yy-MM-dd	Mobile	String
Date Output Chinese Taiwan	This is to determine the date format based on the locale.	yy-MM-dd	Mobile	String
Date Output English Australia	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output English Canada	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output English India	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output English Ireland	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output English South Africa	This is to determine the date format based on the locale.	yy-MM-dd	Mobile	String
Date Output English United Kingdom	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output English United States	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output French Belgium	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output French Canada	This is to determine the date format based on the locale.	yy-MM-dd	Mobile	String

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Date Output French France	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output French Luxembourg	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output French Switzerland	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output German Austria	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output German Germany	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output German Luxembourg	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output German Switzerland	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Italian Italy	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Japanese Japan	This is to determine the date format based on the locale.	yy-MM-dd	Mobile	String
Date Output Korean South Korea	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output New Zealand	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Portuguese Brazil	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Portuguese Portugal	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Russian Russia	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Argentina	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Bolivia	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Chile	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Columbia	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Date Output Spanish Costa Rica	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Dominican Republic	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output Spanish Ecuador	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish El Salvador	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output Spanish Guatemala	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Honduras	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output Spanish Mexico	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Nicaragua	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output Spanish Panama	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output Spanish Paraguay	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Peru	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Puerto Rico	This is to determine the date format based on the locale.	MM-dd-yy	Mobile	String
Date Output Spanish Spain	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Uruguay	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Date Output Spanish Venezuela	This is to determine the date format based on the locale.	dd-MM-yy	Mobile	String
Device Camera Auto Scan Timer Milliseconds	Values: 1000-20,000 milliseconds The number of milliseconds in between auto scans on the camera device.	2	Mobile	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Device Camera Auto Close	Values: Yes / No Yes - the device auto closes after the first scan. No - the device stays open until the user closes it.	Yes	Mobile	Boolean
Display Images	Values: Yes/No Yes - The Display Images user preference will be available No - The Display Images user preference will NOT be available. Note: On MAF mobile there is a parameter for each functional area to turn images on/off.	Yes	Mobile	Boolean
Enable Device Camera Barcode Scan	Used for enabling device camera for scanning on SOCS.	No	Mobile	Boolean
External Scanner Refresh Rate Milliseconds	Determines the cache refresh rate for external scanner in milliseconds.	3600000	Mobile	Integer
Inventory Adjustment Reason Refresh Rate Milliseconds	Determines the cache refresh rate for inventory adjustment reason in milliseconds on SOCS.	3600000	Mobile	Integer
Item Image Refresh Rate Milliseconds	Determines the cache refresh rate for item image in milliseconds on SOCS.	3600000	Mobile	Integer
Manual Quantity Entry Default Mode	Values: Scan Mode/Override Scan Mode: The numeric entry popup on mobile will have its mode defaulted per the scan mode (as it has always done) Override: The numeric entry popup on mobile will have its mode always defaulted to override, and it will not look at the scan mode.	Scan Mode	Mobile	Integer
Non-Sellable Quantity Type Refresh Rate Milliseconds	Determines the cache refresh rate for non-sellable quantity types in milliseconds on SOCS.	3600000	Mobile	Integer
Notification Count Refresh Rate Milliseconds	Determines the cache refresh rate for notifications in milliseconds on SOCS.	300000	Mobile	Integer
RFID Zone Refresh Rate Milliseconds	Determines the cache refresh rate for RFID zones in milliseconds in the system.	3600000	Mobile	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Scan Focus Item Detail	Determines if sticky focus is enabled on SOCS screens. Yes: Focus will automatically be in the Scan field when on a screen with the scan bar. The system will retain focus in the scan bar field until an error arises or until the user/system moves focus to somewhere else. The keyboard will display on the mobile device while scanning/entering the scan bar field. This is because the system believes you are typing into the field. No: Focus will not stay in the scan bar.	No	Mobile	Boolean
Sound Error Enabled	Determines if severe error sound will be played in case of severe errors on SOCS.	Yes	Mobile	Boolean
Sound Information Enabled	Determines if information sound effect will be played on SOCS.	Yes	Mobile	Boolean
Sound Scan Enabled	Determines if beep sound will be played on scan on SOCS.	Yes	Mobile	Boolean
Sound Warning Enabled	Determines if a business error sound will be played on business errors on SOCS.	Yes	Mobile	Boolean
Store Printer Refresh Rate Milliseconds	Determines the cache refresh rate for store printer in milliseconds on SOCS.	3600000	Mobile	Integer
Store Refresh Rate Milliseconds	Determines the cache refresh rate for notifications in milliseconds on EICS and SOCS.	3600000	Mobile	Integer
Tablet Mode Screen Size	Determines the screen size for tablet mode for SOCS.	16,5	Mobile	.Double
Ticket Format Refresh Rate Milliseconds	Values: 0 - 9999999. Determines the cache refresh rate for ticket format in milliseconds.	3600000	Mobile	Integer
Vibration Enabled	Determines if vibration is enabled on errors on SOCS.	No	Mobile	Boolean
MPS Enabled	Determines if MPS is enabled which in turn determines if MPS work types can be enabled.	Yes	MPS	Boolean
MPS Increment Threads	Determines the allowed thread increment factor for MPS work types.	2	MPS	Integer
MPS Maximum Queue Age Seconds	Determines the maximum seconds before MPS work queue needs to be refreshed.	180	MPS	Integer
MPS Maximum Queue Size	Determines the maximum size limit for generating MPS work queues.	1000	MPS	Integer
MPS Maximum Threads	Determines the maximum thread count for MPS work types.	8	MPS	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
MPS Refresh Rate Seconds	Determines the MPS work queue refresh rate after checking for the system parameter MPS Maximum Queue Age Seconds. If the MPS Maximum Queue Age Seconds has not exceeded, then this parameter is checked to determine if MPS work queue needs to be refreshed.	15	MPS	Integer
Seconds to Check for Notifications	Defines how many seconds the system will check for new notifications. This applies to any notification inserted into the system.	300	Notification	Integer
Display Item Image for RFID Locator	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in the RFID Locator dialog in mobile application. No: The image will not be displayed.	No	RFID Locator	Boolean
Days to send Notification before not after date for return requests	Values: 0-999 RTV requests generated in an external system sometimes require the RTV to be dispatched to supplier before a certain date. This option prompts the recipient of the e-mail the specified number of days before the not after date is reached, if the RTV was not dispatched.	2	RTV	Integer
Displays Item Image for RTV	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in that transaction. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	RTV	Boolean
DSD delivery supplier for RTV	Values: Yes/No This indicator will check to see if the DSD allowed indicator needs to be set in addition to the return allowed values when creating a supplier return. Yes: If the "DSD delivery supplier for RTV" system option is set to 'On', then the system needs to check both the DSD indicator (Indicator on Supplier table which determines whether a supplier can create a new Purchase Order) and the return allowed indicator (also an indicator on the supplier table). No: If the "DSD delivery supplier for RTV" system option is set to 'No', then only the return allowed indicator needs to be validated for supplier returns. Note: Regardless of the indicator, the system should always be able to dispatch the RTV if it was created in an external system.	Yes	RTV	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
RTV Unavailable Request Qty Notification	Values: Yes/No This system parameter will generate notification when "Auto Approve RTV request" parameter is set to On and the request has unavailable quantity greater than the stock.	Yes	RTV	Boolean
Displays Item Image for RTV Shipment	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in that transaction. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	RTV Shipment	Boolean
Display Item Image for Replenishment Pick	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in the replenishment pick. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	Shelf Replenishment	Boolean
Display Item Image for Scan List	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in the scan list. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	Shelf Replenishment	Boolean
Display Item Image for Shelf Adjustment	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in the shelf adjustment. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	Shelf Replenishment	Boolean
Auto Save number of items threshold	This parameter is to determine the number of items after which the system must auto save the items counted. When "Unguided Stock Counts Automatic Save" is set to Yes, SOCS will look at the number of items counted, when it hits the number configured, the system will auto save all the counted values of the user and refresh. If the user saves themselves, the counter of scanned items will be set to 0 again. If the configured value is 1, the system will auto save every item.	1	Stock Counts	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Auto Ranging of Items for Unit and Amount Stock Counts	Values: Allow auto ranging items, Allow auto ranging UINs, Allow Auto ranging items & UINs and Not Allowed. Allow auto ranging items: This setting will allow auto ranging for items but not UINs. Allow auto ranging UINs: This setting will allow auto ranging for UINs but not Items. Allow Auto ranging items & UINs: This allows auto ranging for items and UINs. Only if item is previously ranged, UIN will be allowed to range. Not Allowed : With this setting, the system will allow neither.	Allow Auto ranging items & UINs	Stock Counts	Integer
Display Item Image for Stock Counts - Execution	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in the stock counts. It is in the item list and the details of the transaction. No: The image will not be displayed.	No	Stock Counts	Boolean
Enable Adhoc Stock Count Locking	This parameter will determine whether a stock count can be locked or not from adding additional item. Yes - User will have the ability to lock an adhoc stock count. i.e., the user will not be able to add additional items after the initial import. No - User will be able to add any number of items until the adhoc stock is completed. Values: Yes/No	No	Stock Counts	Boolean
Stock Count Display Default Timeframe	This parameter is to determine whether the system must prompt the user to select to whether it is performed before store open or after store close.	No	Stock Counts	Boolean
Stock Count Lockout Days	Stock Count Lockout Days is used to determine when a Unit and Amount Stock Count can be generated. The system will take this value plus the system date and enforce a start date of the schedule to be greater than or equal to that date. Note: If the system is integrated with the merchandising system, the values in the two systems must be the same.	1	Stock Counts	Integer
Stock Count Null Count Quantity = 0	Values: Yes/No Yes: The system changes the quantity to zero for items not counted (null quantity to zero), which makes the items appear as though they were counted. No: The system does not change the quantity to zero for items not counted, but rather leaves the value as null. These items will still appear as though they were not counted. Note This parameter does not apply to Unit and Amount stock counts.	No	Stock Counts	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Unguided Stock Count Allow Multiple Users	Values: Yes/No This parameter controls whether more than one user can scan simultaneously again the same child stock count for an unguided count. Yes: The system will allow more than one user to access the same stock count, child count. No: The system will allow more than one user to access the same stock count, but only one user may access a child stock count at a time.	No	Stock Counts	Boolean
Unguided Stock Counts Automatic Save	Values: Yes/No Yes: The physical count timestamp and item count quantity are automatically saved when the next item on the count is scanned. No: The physical count timestamp and item count quantity are saved when the user manually saves the count. It is assumed with this option: the user frequently saves. Note: The physical count timestamp is taken when the user scans the item for the first time.	No	Stock Counts	Boolean
Unit and Amount Stock Count Sales Processing	Values: Timestamp Processing, Daily Sales Processing Timestamp Processing: This option is used when sales data is available near real-time with a date and time available on the transaction. The user is not prompted to select Before Store Open or After Store Close when starting the stock count since the sales timestamp will be used to compare with the timestamps taken during the stock count. Daily Sales Processing: This option is used when sales data is only available with a date and no time is provided and/or when integrated with RMFCS. The user is either prompted or the store parameter determines when the stock count is performed, (before store opens or after store close). The date is used to determine if a sale is late or not. Note: Unit and Amount stock counts require some dual processing in RMFCS for capturing the financial value. RMS is only capable of processing sales data daily and disregards the time value if included.	Timestamp p	Stock Counts	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Unit Stock Count Sales Processing	Values: Timestamp Processing, Daily Sales Processing Timestamp Processing: This option is used when sales data is available near real-time with a date and time available on the transaction. The user is not prompted to select Before Store Open or After Store Close when starting the stock count since the sales timestamp will be used to compare with the timestamps taken during the stock count. Daily Sales Processing: This option is used when sales data is only available with a date and no time is provided. The date is used to determine if a sale is late or not.	Timestamp	Stock Counts	Integer
Update Stock On Hand	Values: Yes/No Yes: Will update SOH. No: Will not update SOH.	No	Stock Counts	Boolean
Update Stock On Hand	Values: All/Discrepant Discrepant Items only: The system will update only items identified as discrepant when the Update Auth Qty button is selected and when the stock count has been authorized, only the SOH is updated for the discrepant items only. All Items: The system will update all items regardless of if they are discrepant or not when the Update Auth Qty button is selected and when the stock count has been authorized, the SOH is updated for all items, including the non-discrepant. Note: Discrepant items are defined as items having a counted to actual variance greater than the pre-configured allowed variance. Non-discrepant items have a difference between the counted and actual qty, but they are within a tolerated variance. Unit and Amount stock counts will disregard this setting since all items will always be updated for that type of stock count.	1	Stock Counts	Integer
Auto Approve Store Orders	Values: Yes/No Yes: external store orders will be auto approved based upon the Days before auto approving Store Orders parameter No: external store orders will not be auto approved.	Yes	Store Order	Boolean
Days to hold before Auto Canceling Store Orders	Values: 0-999 The number of days before setting store orders to canceled status.	0	Store Order	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Default Minimum Store Order Search Quantity	Values: 0–999 Defines the default that will be set for the Minimum ROQ quantity on the search screen. User can override this quantity.	0	Store Order	Integer
Display Item Image Store Orders - Execution	Values: Yes/No Yes: This parameter indicates that item image will be displayed in Store Orders. No: Images will not be displayed in Store Orders.	No	Store Order	Boolean
Default Minimum Store Order Search Quantity	Values: 0–999 Defines the default that will be set for the Minimum ROQ quantity on the search screen. User can override this quantity.	0	Store Order	Integer
Minimum Store Order Quantity	Values: 0–999 Defines the minimum quantity that must be ordered by the user in store orders.	1	Store Order	Integer
Number of hours after create date in SIOCS to approve store orders	Values: 0-999 This parameter will be used to set external store orders to auto approve store orders on an hourly basis.	0	Store Order	Integer
Store Order Default UOM	Values: SUOM/Cases/System Cases - it will always display cases in store orders. UOM in preferences will be ignored. SUOM - will always display SUOM in store orders. UOM in preferences will be ignored. System - will use the system / preferences UOM in store orders and user can change UOM in preferences and the UI will be updated. This applies to Quick Orders on mobile.	System	Store Order	String
Bill Of Lading Refresh Rate Milliseconds	Values: 0 - 9999999. Determines the cache refresh rate for bill of lading motive in milliseconds.	3600000	System Settings	Integer
Carrier Service Refresh Rate Milliseconds	Determines the cache refresh rate for carrier service in milliseconds	3600000	System Settings	Integer
Carton Type Refresh Rate Milliseconds	Determines the cache refresh rate for carton type in milliseconds.	3600000	System Settings	Integer
Configuration Refresh Rate Milliseconds	Determines the cache refresh rate for system configurations, store configurations, batch scheduler and MPS work type in milliseconds.	3600000	System Settings	Integer
Context Type Refresh Rate Milliseconds	Determines the cache refresh rate for context type in milliseconds	3600000	System Settings	Integer
Database Clock Refresh Rate Milliseconds	Determines the cache refresh rate for database clock in milliseconds.	10800000	System Settings	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Default POS transaction max size	Determines the max size of pos transaction records that can be processed in one pos transaction web service call.	1000	System Settings	Integer
Item Image Request Timeout Milliseconds	When loading an item image from an external server, the amount of time before we time out the request.	25000	System Settings	Integer
Merchandise Hierarchy Refresh Rate Milliseconds	Determines the cache refresh rate for merchandise hierarchy in milliseconds.	3600000	System Settings	Integer
OAuth2 Authorization Cache Refresh Rate Milliseconds	OAuth2 Authorization Cache Refresh Rate Milliseconds.	900000	System Settings	Integer
Price History Refresh Rate Milliseconds	Determines the cache refresh rate for item price history in milliseconds.	3600000	System Settings	Integer
Price default extract size	Determines the default extract size for price change import file for Regular, Promotion and Clearance price change batch jobs.	1000	System Settings	Integer
Print Format Refresh Rate Milliseconds	Determines the cache refresh rate for print format types in milliseconds.	3600000	System Settings	Integer
Publish Non Inventory Items	Values: Yes/No This parameter indicates whether the non-inventory items will be published in the outgoing messages or not.	Yes	System Settings	Boolean
Serialization Label Refresh Rate Milliseconds	Indicates serialization label refresh rate in milliseconds.	3600000	System Settings	Integer
Server Repave Check Refresh Rate Milliseconds	Server Repave Check Refresh Rate Milliseconds.	300000	System Settings	Integer
Server Repave Pending Minimum Minutes	Server Repave Pending Minimum Minutes.	60	System Settings	Integer
Shipment Reason Refresh Rate Milliseconds	Determines the cache refresh rate for finisher shipment reason in milliseconds.	3600000	System Settings	Integer
Store Shipment Reason Refresh Rate Milliseconds	Determines the cache refresh rate for store shipment reason in milliseconds.	3600000	System Settings	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Supplier Refresh Rate Milliseconds	Determines the cache refresh rate for supplier in milliseconds.	3600000	System Settings	Integer
Supplier Shipment Reason Refresh Rate Milliseconds	Determines the cache refresh rate for supplier shipment reason in milliseconds.	3600000	System Settings	Integer
Translation Refresh Rate Milliseconds	Determines the cache refresh rate for locale and translations in milliseconds.	3600000	System Settings	Integer
Uda Details Refresh Rate Milliseconds	Determines the cache refresh rate for UDA details in milliseconds.	3600000	System Settings	Integer
UOM Conversion Refresh Rate Milliseconds	Determines the cache refresh rate for UOM conversion in milliseconds	3600000	System Settings	Integer
User Authorization Cache Refresh Rate Milliseconds	Determines the cache refresh rate for user authorization cache in milliseconds.	600000	System Settings	Integer
Users Read Bulk Request Size	The purpose of this parameter is to determine the search limit size for the query to IDCS that reads bulk users. Currently this is used by the import user assignments via spreadsheet and REST API. The value should be set high enough to reduce the number of IDCS queries, but will result in errors from IDCS if it is too high for the your IDCS. limitations. Minimum Value=50 Maximum Value=5000 and Default=500	500	System Settings	Integer
Warehouse Refresh Rate Milliseconds	Determines the cache refresh rate for warehouse in milliseconds.	3600000	System Settings	Integer
Warehouse Shipment Reason Refresh Rate Milliseconds	Determines the cache refresh rate for warehouse shipment reason in milliseconds.	3600000	System Settings	Integer
Display Item Image for Ticket - Execution	This indicates whether the item image must be displayed in the ticketing dialog in mobile application.	No	Ticketing	Boolean
Enable GMT for Customer Orders	Values: Yes/No This is to determine whether the customer orders uploaded in the system are in GMT. This parameter is not applicable to web services.	No	Time Zone	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Enable GMT for Dex/Nex	Values: Yes/No This parameter will dictate whether or not the DEX/NEX data being loaded into the system is in GMT. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Direct Deliveries	Values: Yes/No This parameter will dictate whether the Direct Delivery messages published by an external system should have dates in GMT or not. Yes: When publishing the Direct Delivery messages, it means that the dates in the message should be written in GMT. When subscribing to the purchase order messages, it means that the dates are coming in, in GMT time and no conversion needs to occur. When publishing a purchase order message, it means that the dates in the message should be written in GMT. No: When publishing the direct delivery messages, it means that the dates in the message should be converted from GMT and written in the store's local date/time. When subscribing to the purchase order message, it means that the dates are coming in, in are in the store's local date/time and must be converted to GMT prior to persisting the date in the database. When publishing the purchase order message, it means that the dates in the message should be converted from GMT and written in the store's local date/time. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Foundation Data	Values: Yes/No This parameter will dictate whether any foundation data messages being loaded into the system are in GMT. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Inventory Adjustments	Values: Yes/No This new system parameter will determine which date/time stamp is used in the inventory adjustment message when it is being published. Yes: When publishing the inventory adjustment message, it means that the dates in the message should be written in GMT. No: When publishing the inventory adjustment message, it means that the dates in the message should be converted from GMT and written in the store's local date/time. This parameter is not applicable to web services.	No	Time Zone	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Enable GMT for POS sale import process	Values: Yes/No This parameter will dictate whether or not the POS data being loaded into the system are in GMT. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Price Changes	Values: Yes/No This parameter will dictate whether the price changes being subscribed to by the system are time zone sensitive. Yes: When subscribing to a price change, it means that the effective date is coming in GMT time and no conversion needs to occur. No: The effective date must be converted prior to storing the price change in the system. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for RTVs	Values: Yes/No This system parameter will dictate whether the RTV message being loaded into the system is in GMT. Likewise, if the system publishes any RTV message this will determine which date/time stamp is used on the message as well Yes: When subscribing to the RTV message, it means that the dates are coming in, in GMT time and no conversion needs to occur. When publishing the RTV message, it means that the dates in the message should be written in GMT. No: When subscribing to the RTV message, it means that the dates are in the store's local date/time and must be converted to GMT prior to persisting the date in the database. When publishing the RTV message, it means that the dates in the message should be converted from GMT and written in the store's local date/time This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for ReSA sale import process	Values: Yes/No This parameter will dictate whether the ReSA data being loaded into the system are in GMT.	No	Time Zone	Boolean
Enable GMT for Receiving	Values: Yes/No This parameter will dictate whether receiving messages need to be published in GMT or not. This parameter is not applicable to web services.	No	Time Zone	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Enable GMT for Stock Counts	Values: Yes/No This parameter will determine which date/time stamp is used in the stock count message when it is being published. Yes: When publishing the stock count message, it means that the dates in the message should be written in GMT. No: When publishing the stock count message, it means that the dates in the message should be converted from GMT and written in the store's local date/time. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Store Orders	Values: Yes/No This parameter will determine which date/time stamp is used in the store order message when it is being published. Yes: When publishing the store order message, it means that the dates in the message should be written in GMT. No: When publishing the store order message, it means that the dates in the message should be converted from GMT and written in the store's local date/time. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Store Transfers	Values: Yes/No This new system parameter will dictate whether the Transfer messages being loaded into the system from an external system has dates in GMT or not. Likewise, if the system publishes any Transfer messages to an external system this will determine which date/time stamp is used on the message as well. Yes: When subscribing to the Transfer messages, it means that the dates are coming in, in GMT time and no conversion needs to occur. When publishing a transfer message, it means that the dates in the message should be written in GMT. No: When subscribing to the transfer message, it means that the dates are coming in, in are in the store's local date/time and must be converted to GMT prior to persisting the date in the database. When publishing the transfer message, it means that the dates in the message should be converted from GMT and written in the store's local date/time. This parameter is not applicable to web services.	No	Time Zone	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Enable GMT for Third Party Stock Counts	Values: Yes/No his parameter will determine whether the date/time stamp in the Third party stock count file (DSLDATE) is in GMT or not.	No	Time Zone	Boolean
Enable GMT for Initial Inventory Import	Values: Yes/No This parameter will determine whether the date/time stamp in the Initial Inventory Import file (.DAT file) is in GMT or not. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Vendor ASN	Values: Yes/No This parameter will dictate whether the Vendor ASN messages being loaded into the system have dates in GMT or not. This parameter is not applicable to web services.	No	Time Zone	Boolean
Enable GMT for Warehouse Transfers	Values: Yes/No This new system parameter will dictate whether the transfer messages being loaded into the system have GMT dates or not. Likewise, if the system publishes any transfer message to an external system this will determine which date/time stamp is used on the message as well. Yes: When subscribing to the transfer messages, it means that the dates are coming in, in GMT time and no conversion needs to occur. When retrieving transfer data, it means that the dates are in GMT time and no conversions needs to occur. This includes both reading and writing data. When publishing a transfer message, it means that the dates in the message should be written in GMT. No: When subscribing to the transfer message, it means that the dates are coming in, in are in the store's local date/time and must be converted to GMT prior to persisting the date in the database. When retrieving transfer data, it means that the dates are not in GMT time and must be converted to GMT. This includes both reading and writing data. When publishing the transfer message, it means that the dates in the message should be converted from GMT and written in the store's local date/time. This parameter is not applicable to web services.	No	Time Zone	Boolean
Damaged Delivery Notification	Values: Yes/No Yes: Sends a notification to the receiving store when damaged items are received on the delivery. No: No alert is sent. This parameter generates a notification for transfers with items marked as damaged (Warehouse, Store, Finisher).	Yes	Transfer Receiving	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Days Shipped Delivery Overdue Notification	Values: 1-999 This parameter generates a notification when the delivery is overdue. The delivery will be considered overdue when the create date of the delivery plus the days from this parameter have passed. This will include only deliveries from source type store.	7	Transfer Receiving	Integer
Display Item Image for Transfer Receiving	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in that transaction. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	Transfer Receiving	Boolean
External Finisher UIN Qty Discrep Notification	Values: Yes/No This system parameter will generate notification when there is a discrepancy with the number of UINs on the ASN and the UINs received when auto receiving with a Source Type of 'Finisher'. Yes: Whenever the transaction cannot be auto received, the system generates a notification when there is a discrepancy with the number of UINs on the Finisher Return and the UINs received. Auto Received by batch Auto Received thru RIB Injector. No: No alert is generated.	Yes	Transfer Receiving	Boolean
Misdirected Container Notification	Values: On / No Yes: Sends a notification when a location receives a container belonging to another location. No: No notification is sent. This system parameter will generate a notification when there is a misdirected container that has been received in another location.	Yes	Transfer Receiving	Boolean
Number of Days Received Transfer Deliveries can be Adjusted	Values: 0-999 This parameter controls the number of days a container can be adjusted within a receipt after (Warehouse, Store, Finisher) are received. 0: no adjustment allowed 1: allowed to adjust until the end of today 2: allowed to adjust until the end of tomorrow X: allowed to adjust until x days starting from today	0	Transfer Receiving	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Quick Receiving - Receive misdirected containers	Values: Not Allowed, Automatic, Prompted Not Allowed: Misdirected container cannot be received, no messaging. Automatic: Receives the misdirected container without prompting the user. Prompted: User is prompted to receive the misdirected container.	Not Allowed	Transfer Receiving	Integer
Quick Receiving - Receive missing containers	Values: Yes/No Yes: Enables the ability to receive missing containers. No: Disables the ability to receive missing containers.	Yes	Transfer Receiving	Boolean
Receive Entire Transfer	Values: Yes/No Yes: User is ONLY allowed to receive the entire delivery. It is not allowed to add any items, only confirmation of the receipt is allowed (Warehouse, Store, Finisher). No: The user is not limited to only receiving the entire delivery.	No	Transfer Receiving	Boolean
Store Receiving Force Close Indicator	Values: RL / SL / NL This parameter applies to deliveries with a Source Type of 'Store'. RL: (Receiver Loss) Any shipped quantity that was not received is a loss at the receiving store. SL: (Sending Loss) Any shipped quantity that was not received is a loss at the sending store. NL: (No Loss) Any shipped quantity that was not received does not affect the receiving or the sending store.	Receiving Loss	Transfer Receiving	Integer
Store Receiving Over/Under Notification	Values: Yes / No This parameter generates a notification to the receiving store when items on a transfer receipt with a Source Type of 'Store' is greater than or less than the expected quantity or if the expected quantity is null or zero. A notification should not be sent in the case of a manually created container or a copied misdirected container. On: Sends a notification when the receiving store over or under receives goods. No: No alert is sent.	Yes	Transfer Receiving	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Warehouse/ Store UIN Qty Discrep Notification	Values: Yes/No This system parameter will generate notification when there is a discrepancy with the number of UINs on the ASN and the UINs received when auto receiving a warehouse or store delivery with a Source Type of 'Warehouse' or 'Store'. Yes: Sends a notification when there is a discrepancy with UINs on the ASN. The number of UINs on the ASN and the Qty received do not match and cannot be auto received. Auto Received by batch (Store), (Warehouse) Auto Received thru RIB Injector No: No notification is generated.	Yes	Transfer Receiving	Boolean
Display Item Image for Transfer Shipment	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in that transaction. It is in the item list and the details of the transaction. No; Image will not be displayed in that functional area.	No	Transfer Shipment	Boolean
Days to send Notification before not after date for transfer requests	Values: 0-999 For transfer requests generated in an external system (warehouse, store or finisher), his option sends a notification the specified number of days before the not after date is reached, if the transfer was not dispatched.	2	Transfers	Integer
Display Item Image for Transfer	Values: Yes/No Yes: This parameter indicates if the item image will be displayed in that transaction. It is in the item list and the details of the transaction. No: Image will not be displayed in that functional area.	No	Transfers	Boolean
Transfer Request Approve Notification	Values: Yes/No Yes: A notification will be generated when a requested transfer is approved. No: No notification will be generated. Note: The notification will only be generated for SIOCS initiated store to store requests.	No	Transfers	Boolean
Transfer Request Notification	Values: Yes/No Yes: A notification will be generated when a transfer is requested. No: No notification will be generated. Note: The notification will only be generated for SIOCS initiated store to store requests.	No	Transfers	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Transfer Request Reject Notification	Values: Yes/No Yes: A notification will be generated when a transfer is rejected. No: No notification will be generated. Note: The notification will only be generated for SIOCS initiated store to store requests.	No	Transfers	Boolean
Unavailable Qty Discrepancy Notification	Values: Yes/No Yes: A notification will be generated when a transfer request fails auto-approval. No: No notification will be generated. Note: Auto Accept External Generated Request is set to On and Unavailable quantity requested is more than the sending store has.	No	Transfers	Boolean
Currency Default Type	Gives the default currency for EICS and SOCS.	USD	UI	String
Display Item Description	Values: Short Description / Long Description On Mobile the description will be short or long based upon this configuration. Short Item Description: The description displayed everywhere will be the short item description. Note that when integrated with Oracle Retail's merchandising system, the short description of an item is a product of the first 20 characters of the long description. Long Item Description: The description displayed everywhere will be the long item description. Note that when integrated with Oracle Retail's merchandising system, the Merchandising system concatenates the diff descriptions with the long item description, so the user is able to view all diff information. The diffs display in order from Diff 1 to Diff 4. On the desktop the system will always use the long description.	Short Description	UI	Integer
Display Item Description Diffs	Values: Yes/No Yes: A second item description line for diffs will be used wherever an item description is displayed where applicable. No: The second line will not be displayed for the item description and the diffs will not be displayed separately.	Yes	UI	Boolean

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Inactivity Warning Minutes - Execution	The purpose of this parameter is to determine the warning time to provide the warning to the user before the time out occurs, based on the timeout minutes setting when the application is inactive. User activity is measured by service calls and content module loading/unloading. Minimum Value=5Minutes, Maximum Value=60 Minutes and Default=10 Minutes. So users must perform actions that call the server or open/close content for them to be considered active. A user cannot sit on a screen and open/close a date picker or drop down and remain active. This setting is applicable only for the Jet Mobile application. When the timeout is reached, the system will automatically log out the user. Minimum Value=5Minutes, Maximum Value=60 Minutes and Default=10 Minutes.	10	UI	Integer
Inactivity Warning Minutes - Operations	The purpose of this parameter is to determine the warning time to provide the warning to the user before the time out occurs based on the timeout minutes setting when the application is inactive. User activity is measured by service calls and content module loading/unloading. So users must perform actions that call the server or open/close content for them to be considered active. A user cannot sit on a screen and open/close a date picker or drop down and remain active. This setting is for the desktop application.(EICS). When the timeout is reached, the system will automatically log out the user. Minimum Value=5Minutes, Maximum Value=60 Minutes and Default=10 Minutes.	10	UI	Integer
Inactivity Timeout Minutes - Operations	The purpose of this parameter is to determine the timeout and logout of the application automatically when the application is inactive. The system logs out the user automatically based on the timeout setting. The system gives a warning to the user before it times out based on the warning minutes setting. This setting is for the desktop application.(EICS) Minimum Value=15Minutes, Maximum Value=1440 Minutes(24 Hrs) and Default=30 Minutes.	30	UI	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Inactivity Timeout Minutes - Execution	The purpose of this parameter is to determine the timeout and logout of the application automatically when the application is inactive. The system logs out the user automatically based on the timeout setting. The system gives a warning to the user before it timedout based on the warning minutes setting. This setting is applicable only for Jet Mobile application. Minimum Value=15Minutes, Maximum Value=1440 Minutes(24 Hrs) and Default=30 Minutes.	30	UI	Integer
OAuth2 Token Renewal Minutes	The purpose of this parameter is to determine Jet client (Jet Mobile app) token renewal. In order to avoid the user logging out automatically after the token expires, the system will check this setting and renew the token before it expires. When the token has the number of minutes or fewer remaining that is equal to the set value, the client will renew the token. This may occur repeatedly while the session is still active. Example: if you set the value here as 10 Minutes, the system will renew the token 10 Minutes before it expires. Minimum Value=5 Minutes, Maximum Value=15 Minutes and Default=10 Minutes.	10	UI	Integer
Maximum Manual Quantity Entry	Values: 1-100,000,000 The value set here will be the maximum value a user can enter for a quantity via the Numeric Entry on the mobile.	999	UI	Integer
Problem Line UI Limit	Gives the recommended item count in product group component screen for problem line stock count product group.	1500	UI	Integer
Search Date Range Default for Container Lookup	Values: 0-99 This holds the default number of days for which the Container records need to be listed in the Container Lookup screen.	0	UI	Integer
Search Date Range Default for Transaction History	Values: 0-99 This holds the default number of days for which the transaction history records need to be listed in the Transaction History List screen.	0	UI	Integer
Search Limit Default for Area Operations	Values: 1-999 This parameter indicates the default search limit for the Area List screen on EICS.	50	UI	Integer
Search Limit Default for Container Lookup - Execution	Values: 1-999 Indicates the default search limit for Container Lookup on SOCS.	50	UI	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Search Limit Default for Container Lookup - Operations	Values: 1-999 This parameter will determine the number of records to be displayed on container lookup list screen. The default value on container lookup list screen should be set to the value for the system parameter.	50	UI	Integer
Search Limit Default for Customer Order Picking	Values: 1-999 Indicates the default search limit for Customer Order Picking.	50	UI	Integer
Search Limit Default for Customer Orders	Values: 1-999 Indicates the default search limit for Customer Orders.	50	UI	Integer
Search Limit Default for DSD Receiving	This is to determine the default search limit for DSD receiving list.	50	UI	Integer
Search Limit Default for Finisher Lookup - Operations	Values: 1-999 Indicates the default search limit for Finisher Lookup.	50	UI	Integer
Search Limit Default for Format Assignment - Operations	Values: 1-999 This parameter will determine the number of records to be displayed on the Format Assignment List screen in desktop application. The default value on the search screen should be set to the value from this parameter.	50	UI	Integer
Search Limit Default for Inventory Adjustments - Execution	Values: 1-999 Indicates the default search limit for Inventory Adjustments on SOCS.	50	UI	Integer
Search Limit Default for Inventory Adjustments - Operations	Values: 1-999 Indicates the default search limit for Inventory Adjustments on EICS.	50	UI	Integer
Search Limit Default for Item Baskets - Execution	Values: 0-999 Indicates the default search limit for Item Baskets on SOCS.	50	UI	Integer
Search Limit Default for Item Baskets - Operations	Values: 0-999 Indicates the default search limit for Item Baskets on EICS.	50	UI	Integer
Search Limit Default for Item Lookup - Execution	Values: 1-999 Indicates the default search limit for Item Lookup on SOCS.	50	UI	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Search Limit Default for Item Lookup - Operations	Values: 1-999 Indicates the default search limit for Item Lookup on EICS.	50	UI	Integer
Search Limit Default for Item Scan Number Lookup	Values: 1-999 This parameter will determine the number of records to be displayed on the Item Scan Number Lookup screen. The default value on the ISN Lookup search screen should be set to the value from this parameter.	500	UI	Integer
Search Limit Default for MPS Staged Messages	Values: 1-999 Indicates the default search limit for MPS staged messages on MPS staged message screen in EICS.	50	UI	Integer
Search Limit Default for Notifications	Values: 1-999 Indicates the default search limit for Notifications.	50	UI	Integer
Search Limit Default for Open Transaction	Values: 1-999 Indicates the default search limit for Open Transactions.	50	UI	Integer
Search Limit Default for Operational Views - Operations	Values: 1-999 This parameter will determine the number of records to be displayed on various operational view screens. The default value on various operational views screens should be set to the value from the system parameter.	50	UI	Integer
Search Limit Default for POS Transaction Resolution	Values: 1-999 This parameter will determine the number of records to be displayed on the POS Transaction resolution dialog in desktop application. The default value on the search screen should be set to the value from this parameter.	50	UI	Integer
Search Limit Default for Purchase Order	This parameter will determine the default number of records to be displayed on PO list screen.	50	UI	Integer
Search Limit Default for Replenishment Pick	Values: 1-999 Indicates the default search limit for shelf replenishment.	50	UI	Integer
Search Limit Default for RTV	Values: 1-999 Indicates the default search limit for Returns.	50	UI	Integer
Search Limit Default for Scan List	Values: 1-999 Indicates the default search limit for scan lists.	50	UI	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Search Limit Default for Shelf Adjustment	Values: 1-999 Indicates the default search limit for shelf adjustments.	50	UI	Integer
Search Limit Default for Store Order	Values: 1-999 Indicates the default search limit for Store Orders.	50	UI	Integer
Search Limit Default for Stock Count	Values: 1-999 Indicates the default search limit for Stock Counts.	50	UI	Integer
Search Limit Default for Supplier Lookup	Values: 1-999 This parameter will determine the number of records to be displayed on supplier lookup list screen. The default value on supplier lookup list screen should be set to the value for the system parameter.	50	UI	Integer
Search Limit Default for Supplier Lookup - Operations	Values: 1-999 This parameter will determine the number of records to be displayed on supplier lookup list screen. The default value on supplier lookup list screen should be set to the value for the system parameter.	50	UI	Integer
Search Limit Default for Ticket - Operations	Values: 1-999 This parameter will determine the number of records to be displayed on the ticketing dialog in desktop application. The default value on the search screen should be set to the value from this parameter.	50	UI	Integer
Search Limit Default for Transaction History	Values: 1-999 Indicates the default search limit for Transaction History.	50	UI	Integer
Search Limit Default for Transfer Receipts	Values: 1-999 Indicates the default search limit for Transfer receipts.	50	UI	Integer
Search Limit Default for Transfer Shipment	Values: 1-999 Indicates the default search limit for Transfer shipments.	50	UI	Integer
Search Limit Default for Transfers	Values: 1-999 Indicates the default search limit for Transfer documents.	50	UI	Integer
Search Limit Default for Troubled Transaction List	Values: 1-999 Indicates the default search limit for Troubled Transactions	50	UI	Integer

Table 7-1 (Cont.) System Admin Parameters

Option	Description	Default Value	Topic	Type
Search Limit Default for UIN Lookup	Values: 1-999 Indicates the default search limit for UIN Lookup.	50	UI	Integer
Shelf Replenishment UI Limit	Values: 1-99999 Gives recommended item count in product group component screen for shelf replenishment pick product groups.	1500	UI	Integer
Store Order UI Limit	Values: 1-99999 This parameter indicates the UI limit for store orders, used in generation of the store orders. It is also used in the Recommended # of Items in Product Group Components.	1500	UI	Integer
Ticketing UI Limit	Values: 1-99999 This parameter indicates the UI limit for ticketing, used in generation of the auto ticket print. It is also used in the Recommended # of Items in Product Group Components.	1500	UI	Integer
Auto Inventory Adjustment Limit	Values: 1-99999 This parameter indicates the UI limit for the auto inventory adjustment, used in the generation of auto inventory adjustment records. It is also used in the recommended # of items in the Product Group components.	1500	UI	Integer
Unit and Amount Count UI Limit	Values: 1-99999 Gives the recommended item count in product group component screen for unit and amount stock count product group.	1500	UI	Integer
Unit Count UI Limit	Values: 1-99999 Gives the recommended item count in product group component screen for unit stock count product group.	5000	UI	Integer
Allow Store UIN Relocation	Values: Yes/No Indicates whether UIN can be relocated from one store to another.	Yes	UIN	Boolean

Store Admin Parameters

Table 7-2 Store Admin Parameters

Options	Description	Default Value	Topic	Type
Display Shopfloor/ Backroom Quantity in Header	Values: Yes/No Yes: This parameter indicates if the shop floor and back room SOH should be displayed in various areas of the system including item lookup as well as transactions. No: Shop floor and back room SOH will not be displayed in various areas of the system.	No	Admin	Boolean
Fiscal Document Doc Type	Values: Free textNFE - Brazil fiscal document The value is case sensitive. There are two codes that are currently integrated with FDG that will trigger special workflow in downstream systems: WBL - waybill NFE - Brazil fiscal document The value is case sensitive.	None	Admin	String
Manifest Weight UOM	Values: List of UOMs from the Weight UOM table The UOM selected for this store admin will be used as the Weight UOM for the weight on the BOL in store to store transfer shipments, customer order deliveries and returns.	LBS	Admin	String
SSCC Shipping Label ID Generation	Values: Yes/No Yes: The system will generate an identifier for printing on the shipping label. No: The user will need to enter an identifier for printing on the shipping label. This store parameter will be used for RTV Shipping and Transfer Shipping.	Yes	Admin	Boolean
UIN Processing Enabled	Values: Yes/No Yes: Enables UIN processing for the store. No: UIN functionality is disabled for the store.	No	Admin	Boolean
Use Extended Attribute Entry	This will turn on and off the feature for editing transaction item level attributes, the capturing of Extended Attributes will be skipped. Values: Yes/No Yes: If set to 'Yes', the Extended Attributes can manually be entered, scanned and viewed. This is for mobile and desktop.. No:If set to 'No', the Extended Attributes capture screen is not available. User cannot manually enter, view or scan extended attributes on mobile or desktop.	No	Admin	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Allow Picking By Area	Values: Yes/No Yes: Picking by Area is allowed. The user will be able to select an Area when creating a pick if the Customer Order Fulfillment Restriction is set to 'Transaction Controlled'. The system will narrow down the customer order to those items within an area when creating the pick. No: Picking by Area is not allowed, and the system will always look at all items on the customer order when creating a pick.	Yes	Customer Order	Boolean
Auto Pick Mixed Containers	Values: Yes/No Yes: If a container has items in it that are for both customer orders and non-customer orders, the system will auto pick the container. It will mark those items that exist on the customer order as picked. No: If there is a mixed container of customer order and non-customer order items, it will not get auto picked and the picked quantities will not be updated.	No	Customer Order	Boolean
Auto Pick On Receive - Direct Delivery	Values : Yes/No Yes: The system will automatically fill in the pick quantities on the customer order when receiving. This can only happen if the customer order record has already come into the system. If there is no customer order, the auto picking will not happen at the time of receiving, rather it will occur when the customer order comes in. No: The system will not pick when receiving goods.	No	Customer Order	Boolean
Auto Pick On Receive - Transfer Receiving	Values: Yes/No Yes: The system will automatically fill in the pick quantities on the customer order when receiving. This can only happen if the customer order record has already come into the system. If there is no customer order, the auto picking will not happen at the time of receiving, rather it will occur when the customer order comes in. No: The system will not pick when receiving goods in transfer receiving.	No	Customer Order	Boolean
Capture Vehicle Details on Submit	Values: Yes/No Yes: The details regarding the vehicle/driver who is handling the shipment, should be captured before submitting a customer order delivery No: The shipment can be submitted without the details regarding the vehicle/driver	No	Customer Order	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Default Customer Order Picking Method	Values: Bin / Store Customer Order This parameter is used to define the default picking method when creating a customer order pick, bin or store customer order. Note this is just a default and the user can still switch the picking method.	Store Customer Order	Customer Order	Integer
Default Number of Bins	Values: 1-999 This parameter will determine the number of bins to default into the 'Bin Qty' field if the user selects 'Bin' as the pick type when creating the pick.	1	Customer Order	Integer
Dispatch Validate	Values: Ship Direct, Ship Submit Ship Direct: System will control all processes. The user will be able to go from create/edit directly to dispatch. There will not be a submit option. Ship Submit: This option will require the user to press the Submit option and require a specific press of the dispatch button.	Ship Direct	Customer Order	Integer
Holding Location Required	Values: Yes/No Yes - In the Customer Order Quick flow on mobile, the holding location will be required in the Customer Order Pick. No - In the Customer Order Quick flow on mobile, the holding location will not be required in the Customer Order Pick.	No	Customer Order	Boolean
Generate Bins	Values: System / Manual System: The system will automatically generate the bin IDs when the pick is created. Manual: The system will require the user to enter the bin IDs upon acting on the created pick. This option removes the need for printing out labels since the labels already exist on the bin. For both System and Manual, the user will still have the option to print labels for the bins.	Manual	Customer Order	Integer
Item Substitution - Store Discretion	Values: Yes/No This store parameter is used to determine if the user can use their own discretion when doing substitute items in the picking process. Yes: The user can choose any item to be used as a substitute item. No: Only those items that are defined as substitutes can be substituted.	No	Customer Order	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Navigate to Shipment	Values: Yes/No Yes - In the Customer Order Quick Flow on mobile, for those orders that are shipment type, the user will navigate to the shipment upon completing the pick. No - In the Customer Order Quick Flow on mobile, for those orders that are shipment type, the user will navigate to the Open Transactions screen.	No	Customer Order	Boolean
Override Bin Quantity	Values: Yes/No This store parameter determines whether the user is allowed to override the default bin quantity when creating a pick by bin. The Bin Quantity is defaulted based upon the store parameter for Default Number of Bins.	No	Customer Order	Boolean
Picking Required for Customer Orders	Values: Yes/No Yes: Requires that manual picking be performed on the customer order prior to being able to create a delivery for it. No: Picking is not necessary to create a delivery.	Yes	Customer Order	Boolean
Pre-shipment Notification	Values: Yes / No This parameter will drive the following functionality: Yes: The system will publish a pre-shipment message No: The system will not publish a pre-shipment message	No	Customer Order	Boolean
Reserve Customer Order Inventory Upon Receiving	Values: Yes/No This store parameter will dictate when inventory for a web order customer order should be reserved. Yes: Inventory will be reserved upon receiving a delivery in the store which contains the customer order (Store to store transfer, DSD, Warehouse to Store transfer). If the retailer wishes to fulfill the customer orders from deliveries, for example getting the goods from the warehouse, then this option would be set to Yes to reserve upon receiving. No: Inventory will be reserved upon getting the customer order into the store. If the retailer chooses to mainly fulfill customer orders from within the stock in the store, this parameter would be set to No, thus reserving inventory right away when the customer order is received.	No	Customer Order	Boolean
Restrict Shipment Dispatch After Submit	Values: Yes/No . Yes: This restriction will not allow the user to move an Customer Order Deliveries from Submitted to Dispatched status unless the Fiscal Doc ID/E-way Bill ID has been filed in No: The shipment can be dispatched without Fiscal Doc ID/E-way Bill ID	No	Customer Order	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Allow Multiple Deliveries against PO with No ASN	Values: Yes/No Yes: The user is able to create more than one delivery for the same PO when the PO does not have an associated ASN. No: The user can only create a single delivery against a PO when the PO does not have an associated ASN. The PO will be closed when the delivery is confirmed.	Yes	DSD Receiving	Boolean
Auto close days after expected date	Values: 0-999 Number of days after the expected delivery date the ASN will be closed.	5	DSD Receiving	Integer
Direct Delivery Auto Remove Over Received Quantity	Values: Yes/No Yes: If set to Yes, the user is allowed to add any quantity for the DSD, but any quantity above the expected quantity will be removed from the transaction. After the user confirms the transaction, they are prompted that any over received quantities will be removed. The user can create more than one delivery for the same PO when the PO does not have an associated ASN. No: The over received quantities will stay in the delivery transaction.	No	DSD Receiving	Boolean
Direct Delivery Default With Container	With Container (Yes) - If this is the default option set, the system will make this as a default selection on the create receipt screen when an on the fly receipt is created. Without Container (No) - If this is the default option set, the system will make this as a default selection on the create receipt screen when an on the fly receipt is created. This is applicable only for Jet Mobile.	Yes	DSD Receiving	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Direct Delivery Default to ShopFloor Receiving	Values: Yes/No This parameter determines whether the DSD receiving dialog will default to receive inventory into the shop floor instead of automatically receiving into the back room or delivery bay. Yes: The DSD Receiving Container workflow will default the option to receive inventory into the shop floor. The shop floor inventory bucket will be incremented instead of the backroom or delivery bay bucket. If a capacity is defined for the item and Direct Delivery Receive Item Capacity is set to yes, the maximum shop floor quantity will equal the capacity; otherwise, the shop floor will be updated to the entire receipt amount. If the capacity is used and if the receiving quantity is excess, the balance is incremented to delivery bay or back room depending on the Replenishment - Delivery Bay Inventory parameter. No: The option will be defaulted to back room or delivery bay depending on the Replenishment - Delivery Bay Inventory parameter. If this parameter is on, the system will increment the delivery bay bucket instead of back room.	No	DSD Receiving	Boolean
Direct Delivery Invoice Entry	Values: Enabled/Disabled/Unique Enabled: This option allows the user to enter any value for the invoice number, including duplicates. Disabled: The Invoice Number and date fields are disabled. Unique: The Invoice Number field will allow entry; however, the user will not be able to enter a duplicate invoice number based upon the supplier. Upon entering an Invoice Number, the system will validate if the invoice already exists for the supplier defined on the DSD. If a duplicate exists, there will be an error. If no duplicate exists, the invoice number will be accepted.	Enabled	DSD Receiving	Integer
Direct Delivery Receive Item Capacity	Values: Yes/No This parameter determines whether the capacity will be considered while receiving the deliveries. Yes: While receiving, the capacity will be considered. For example: If capacity is 50, delivery is for 100, and Available SOH is 10 on the shop floor, if this parameter is on and receive in shop floor is checked, 40 (un-damaged) will be moved to shop floor and the rest to the backroom. No: While receiving, the capacity will not be considered. Damaged inventory will not move to the shop floor.	No	DSD Receiving	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
DSD Receiving Auto Remove Damaged Quantity	Values: Yes/No Yes: All damaged items on the delivery are removed automatically when confirming the transaction. No: All damaged items remain on the delivery when confirming the transaction.	No	DSD Receiving	Boolean
Vehicle Number Required for Transfer Shipment	Values: Yes/No Yes: Capturing of vehicle number of the vehicle transporting the shipment is mandatory before Submitting a transfer shipment No: Capturing of vehicle number of the vehicle transporting the shipment is not mandatory before Submitting a transfer shipment	No	Fiscal Document	Boolean
Vehicle Number Required for RTV Shipment	Values: Yes/No Yes: Capturing of vehicle number of the vehicle transporting the shipment is mandatory before Submitting a RTV shipment No: Capturing of vehicle number of the vehicle transporting the shipment is not mandatory before Submitting a RTV shipment	No	Fiscal Document	Boolean
Vehicle Number Required for Customer Order Delivery	Values: Yes/No Yes: Capturing of vehicle number of the vehicle transporting the shipment is mandatory or not before Submitting a customer order delivery No: Capturing of vehicle number of the vehicle transporting the shipment is mandatory or not before Submitting a customer order delivery	No	Fiscal Document	Boolean
Vehicle State or Country Required for Transfer Shipment	Values: Yes/No Yes: Capturing of vehicle country/state/county of the vehicle transporting the shipment is mandatory before Submitting a transfer shipment No: Capturing of vehicle country/state/county of the vehicle transporting the shipment is not mandatory before Submitting a transfer shipment	No	Fiscal Document	Boolean
Vehicle State or Country Required for RTV Shipment	Values: Yes/No Yes: Capturing of vehicle country/state/county of the vehicle transporting the shipment is mandatory before Submitting a RTV shipment No: Capturing of vehicle country/state/county of the vehicle transporting the shipment is not mandatory before Submitting a RTV shipment	No	Fiscal Document	Boolean
Vehicle State or Country Required for Customer Order Delivery	Values: Yes/No Yes: Capturing of vehicle country/state/county of the vehicle transporting the shipment is mandatory before Submitting a customer order delivery No: Capturing of vehicle country/state/county of the vehicle transporting the shipment is mandatory before Submitting a customer order delivery	No	Fiscal Document	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Driver Name Required for Transfer Shipment	Values: Yes/No Yes: Capturing of driver name of the vehicle transporting the shipment is mandatory before Submitting a transfer shipment No: Capturing of driver name of the vehicle transporting the shipment is not mandatory before Submitting a transfer shipment	No	Fiscal Document	Boolean
Driver Name Required for RTV Shipment	Values: Yes/No Yes: Capturing of driver name of the driver transporting the shipment is mandatory before Submitting a RTV shipment No: Capturing of driver name of the driver transporting the shipment is not mandatory before Submitting a RTV shipment	No	Fiscal Document	Boolean
Driver Name Required for Customer Order Delivery	Values: Yes/No Yes Capturing of driver name of the driver transporting the shipment is mandatory or not before Submitting a customer order delivery No: Capturing of driver name of the driver transporting the shipment is mandatory or not before Submitting a customer order delivery	No	Fiscal Document	Boolean
Driver License Number Required for Transfer Shipment	Values: Yes/No Yes: Capturing of driver license number of the driver transporting the shipment is mandatory or not before Submitting a customer order delivery No: Capturing of driver license number of the driver transporting the shipment is mandatory or not before Submitting a customer order delivery	No	Fiscal Document	Boolean
Driver License Number Required for RTV Shipment	Values: Yes/No Yes: Capturing of driver license number of the driver transporting the shipment is mandatory before Submitting a RTV shipment No: Capturing of driver license number of the driver transporting the shipment is not mandatory before Submitting a RTV shipment	No	Fiscal Document	Boolean
Driver License Number Required for Customer Order Delivery	Values: Yes/No Yes Capturing of driver license number of the driver transporting the shipment is mandatory or not before Submitting a customer order delivery No: Capturing of driver license number of the driver transporting the shipment is mandatory or not before Submitting a customer order delivery	No	Fiscal Document	Boolean
Context Type required for Inventory Adjustments	Values: Yes/No This configuration decides whether the capturing of context type is mandatory or not for Inventory Adjustments.	No	Inventory Adjustments	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Days Before Item Basket Expiration	Values: 0-999 This parameter will be used to add to the system date when defaulting the expiration date on an item basket. A value of 0 would set the expiration date to today. A value of 1 will set the expiration date to tomorrow (today + 1).	1	Item Basket	Integer
Auto Accept External Generated RTV Request	Values: Yes/No This parameter determines whether system automatically approves the return request and defaults the requested quantity to the accepted quantity for externally generated RTV requests.	No	RTV	Boolean
Not After Date Default days	Values: 0-999 This parameter would decide the number of days after which a RTV document can be closed After not after date is passed. All status documents would be marked cancelled once this criterion is met.	30	RTV	Integer
Capture Vehicle Details on Submit	Values: Yes/No Yes: The details regarding the vehicle/driver who is handling the shipment, should be captured before submitting an RTV shipment No: The shipment can be submitted without the details regarding the vehicle/driver	No	RTV Shipment	Boolean
Create Vendor Shipment with Container by Default	Values: Yes/No Yes - default method for RTV shipment will be with container No - default method for RTV shipment will be without container ***This is only on Jet Mobile	Yes	RTV Shipment	Boolean
Dispatch Validate	Values: Ship Direct, Ship Submit Ship Direct: SIOCS will control all processes. The user will be able to go from create/edit directly to dispatch. Ship Submit: This option will require the user to press the Submit button and require a specific press of the dispatch button. An additional option is that an external system will generate a dispatch message through a standard web service.	Ship Direct	RTV Shipment	Integer
Pre-shipment Notification	Values: Yes/No Yes: The system will publish a pre-shipment message. No: The system will not publish a pre-shipment message.	No	RTV Shipment	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Restrict Shipment Dispatch After Submit	Values: Yes/No Yes: This restriction will not allow the user to move an RTV Shipment from Submitted to Dispatched status unless the Fiscal Doc ID/E-way Bill ID has been filled in. No: The shipment can be dispatched without Fiscal Doc ID/E-way Bill ID	No	RTV Shipment	Boolean
RTV Shipment Carrier Default	Values: Sender / Receiver / Third Party When creating a return, the Carrier Type on the BOL will default initially based upon this parameter. The user can still change this value and if so, that will be the value used on the return. Sender: Sender will be selected for Carrier Type on BOL Receiver: Receiver will be selected for the Carrier type on BOL. Third Party: Third Party will be selected for the Carrier type on the BOL. The type (drop down) will be defaulted to "Other".	Third Party	RTV Shipment	Integer
Display Sequence Fields	Values: Yes/No Yes: Will display sequencing information throughout the application including guided stock count option, capacity, and an item's locations including primary location. No: Sequence information will not be displayed in the system.	No	Sequencing	Boolean
Allow Delivery Bay Quantity to Move to Shop Floor	This is to determine whether the user is allowed to move the delivery bay quantities to shop floor. If allowed, the system will provide an option for the user to select shop floor or back room to move the inventory. If not allowed, it moves the quantity entered to back room. The system will show a pop up to select the option in the Manage Delivery Bay dialog. Values : Yes/No	No	Shelf Replenishment	Boolean
Replenishment - At Case Level	Yes: The standard UOM will default to Cases on the shelf replenishment screens. No: The standard UOM will default to Units on the shelf replenishment screens. Note: This parameter will determine whether to replenish shelves at the Case or standard unit of measure. This will override the 'Default UOM' system parameter.	Yes	Shelf Replenishment	Boolean
Replenishment - Delivery Bay Inventory	Values: Yes/No Yes: The delivery bay will be used for replenishment. No: The delivery bay will not be used.	Yes	Shelf Replenishment	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Replenishment - End of Day max. fill %	This parameter will determine the percentage the stock can fall to before creating the end of day replenishment list.	100	Shelf Replenishment	Double
Replenishment - Item Substitution Store Discretion	Values: Yes/No Yes: The user is allowed to choose any item to substitute. An item lookup feature will allow the user to search for an item to select. No: The user is restricted to scanning/entering an item that exists on the list of approved substitute items defined by the merchandising system. Note: If there are no items defined for item substitution, the dialogue will be displayed with the original item in the header with no substitutes.	No	Shelf Replenishment	Boolean
Replenishment - Within Day Max. fill %	This parameter will determine the percentage the stock can fall to before creating the within day replenishment list.	75	Shelf Replenishment	Double
Display Late Inventory Adjustment Message	Yes: When the user is confirming a Stock Count in the Authorization phase and there are items on the stock count with In Progress Inventory Adjustments, the user may return to the stock count to complete the inventory adjustments or to continue and ignore the adjustments. When the user is approving an inventory adjustment with items on an open stock count, a message is displayed allowing the user to determine if further processing should be undertaken. Similar logic to how late sales is processed will be used for these adjustments. No: When the user is confirming a Stock Count in the Authorization phase and there are items on the stock count with In Progress Inventory Adjustments the system ignores the inventory adjustments and allows the user to complete the count. When the user is approving an inventory adjustment, there is no additional processing. Note: The system will process the inventory adjustment like how late sales are processed and determine if the stock count should be adjusted or not. The update to the stock count is not immediate but rather is at the time of authorization if there are reversing entries created.	No	Stock Counts	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Stock Count Default Timeframe	Values: Before Store Open/After Store Close This parameter defines when the stock count is performed in relation to the store opening hours for Daily Sales Processing. This value may be overridden at the time of the stock count if the system is configured to allow the override. If an override is allowed, this setting will determine the default value displayed. Before Store Open: The stock count is performed before the opening of the store. All sales on the day of the stock count will only update SOH. It will not update any counted quantities. After Store Close: The stock count is performed after the closing of the store. All sales on the day of the stock count will update both SOH and any counted quantities. If using RMS, After Store Close must be selected. Note: Timestamp processing does not use this parameter.	Before Store Open	Stock Counts	Integer
Display Delivery Timeslot	Values: Yes/No Yes: The Delivery Timeslot fields will display throughout Store Orders as well as the Admin screen Delivery Timeslots. No: The Delivery Timeslot fields will NOT display throughout Store Orders as well as the Admin screen Delivery Timeslots.	No	Store Order	Boolean
DSD Delivery Supplier for Store Order	Values: Yes/No This indicator will check to see if the DSD allowed indicator needs to be yes when adding a supplier restriction when creating a store order. Yes: The system needs to check the DSD indicator (Indicator on Supplier table which determines whether a supplier can create a new Purchase Order) when creating a new Store Order. If the indicator is set to 'Yes' the supplier can be added. If it is set to 'No', the supplier cannot be added. No: The DSD indicator on the supplier does not need to be checked.	Yes	Store Order	Integer
Enable Area for Store Order	Values: Yes/No Yes: The Area will display throughout Store Orders. No: The Area field will NOT display throughout Store Orders.	Yes	Store Order	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Supplier Restriction for Store Order	Values: Enabled / Required / Disabled Enabled: Supplier will be available as a restriction when creating and searching for a store order. Required: Supplier will be available as a restriction when creating and searching for a store order. When creating it will also be required. Disabled: Supplier will not be available as a restriction when creating a store order.	Enabled	Store Order	Integer
Warehouse Restriction for Store Order	Values: Enabled / Required / Disabled Enabled: Warehouse will be available as a restriction when creating and searching for a store order. Required: Warehouse will be available as a restriction when creating and searching for a store order. When creating it will also be required. Disabled: Warehouse will not be available as a restriction when creating a store order.	Enabled	Store Order	Integer
Auto Generate Item Tickets for Clearance Price Changes	Values: Yes/No Yes: When a clearance price event comes from the pricing system, a new item ticket is sent to the ticketing dialogue. No: When a clearance pricing event comes from the pricing system, the system does not generate an item ticket. This determines whether the system must auto generate item tickets in the system when there is a clearance price event coming in from the pricing system.	No	Ticketing	Boolean
Auto Generate Item Tickets for Description Changes	Values: Yes/No Yes: When a new description comes from the merchandising system, a new item ticket is sent to the ticketing dialogue. No: When a new description comes from the merchandising system, the system does not generate an item ticket. This configuration will be used to auto send item tickets to ticketing when an item description is updated and sent to EICS.	No	Ticketing	Boolean
Auto Generate Item Tickets for Promotion Price Changes	Values: Yes/No Yes: When a promotion price event comes from the pricing system, a new item ticket is sent to the ticketing dialogue. No: When a promotion pricing event comes from the pricing system, the system does not generate an item ticket. This determines whether the system must auto generate item tickets in EICS when there is a promotion price event coming in from the pricing system.	No	Ticketing	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Auto Generate Item Tickets for Regular Price Changes	Values: Yes/No Yes: When a regular price change comes from the pricing system, a new item ticket is sent to the ticketing dialogue. No: When a regular price change comes from the pricing system, the system does not generate an item ticket. This determines whether the system must auto generate item tickets in EICS when there is a regular price change event coming in from the pricing system.	No	Ticketing	Boolean
Auto Generate Shelf Edge Labels for Clearance Price Changes	Values: Yes/No Yes: When a clearance price event comes from the pricing system, a shelf edge label is sent to the ticketing dialogue. No: When a clearance pricing event comes from the pricing system, the system does not generate a label. This determines whether the system must auto generate item tickets in the system when there is a clearance price event coming in from the pricing system.	No	Ticketing	Boolean
Auto Generate Shelf Edge Labels for Description Changes	Values: Yes/No Yes: When a new description comes from the merchandising system, a shelf edge label is sent to the ticketing dialogue. No: When a new description comes from the merchandising system, the system does not generate a label. This configuration will be used to auto generate labels when an item description is updated and to send to EICS.	No	Ticketing	Boolean
Auto Generate Shelf Edge Labels for Promotion Price Changes	Values: Yes/No Yes: When a promotion price event comes from the pricing system, a new shelf edge label is sent to the ticketing dialogue. No: When a promotion pricing event comes from the pricing system, the system does not generate a label. This determines whether the system must auto generate labels in EICS when there is a promotion price event coming in from the pricing system.	No	Ticketing	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Auto Generate Shelf Edge Labels for Regular Price Changes	Values: Yes/No Yes: When a regular price change comes from the pricing system, a new shelf edge label is sent to the ticketing dialogue. No: When a regular price change comes from the pricing system, the system does not generate a label. This determines whether the system must auto generate labels in EICS when there is a regular price change event coming in from the pricing system.	No	Ticketing	Boolean
Auto Ticket Generate Future Days	Values: 0 – 99 This parameter indicates the number of days the system must consider for future day events for generating tickets when the batch is run. If it is set to 0, it means the system will not consider the future events. If the value is above zero, the system will consider the price events that are falling in the range of current date plus the number of days set in this parameter to generate the tickets.	0	Ticketing	Integer
Item Print Events	This is to determine the default item price events for the ticket printing. Values: Always, Clearance, Promotion, Permanent, Clearance or Permanent and Any Price Event Always: This option will always print a ticket regardless of if there is a price change. Clearance: Only print a ticket if on the specific date any clearance event is effective. So, for Clearance 2, that means today's date + 2 days, if the item on that day has a clearance going on, print the clearance ticket. Promotion: Only print a ticket if on the specific date any promotion event is effective. Regular or Clearance: Only print a ticket if on the specific date any Regular or Clearance event is getting effective. Permanent: Only print a ticket if on the specific date any Regular event of getting effective. Any Price Event (Promotion, Clearance or Permanent (Regular)): Based on the date selected, if any price event goes into effect (clearance, promotion or regular price a ticket. If no price event goes into effect, print nothing).	Always	Ticketing	String
Maximum Ticket Quantity to Print	This is to determine the maximum ticket size to print in one command. This is used in auto ticket printing batch and ticketing dialogue.	500	Ticketing	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Auto Close Receipt	Values: 1-99 0: close the receipt immediately 1: close the receipt the end of day today 2: close the receipt end of day tomorrow X: close end of day x days starting from today the batch program will auto close any transfer receipts and marks all non-received containers to missing. Partially received containers will be marked as damaged.	1	Transfer Receiving	Integer
External Finisher Auto Receive	Values: Not Allowed, External Message, Date Driven Not allowed will make the system work as today. External message will receive the full external finisher delivery with a Source Type of 'Finisher', the moment an ASN transaction arrives that indicates that the delivery needs to be auto received. Date Driven will look at a secondary store option (External Finisher Auto Receive number of Days) to determine how many days the transaction stays open before it is fully received. If it is set to 0, it will auto-receive on the ETA date.	Not Allowed	Transfer Receiving	Integer
External Finisher Auto Receive Number of Days	Values: 0-999 A batch program will auto receive any external finisher deliveries with a Source Type of 'Finisher', that have not been closed x-days after the ETA date or the create date depending on if the ETA date is set or not and if the auto receive external delivery parameter is set 0 means immediate receiving 1 means today (EOD) 2 means EOD tomorrow x means EOD x days starting from today	0	Transfer Receiving	Integer
Store Auto Receive	Values: Not allowed / External message / Date Driven Not allowed: Auto receiving is not allowed for the store. External message: Receives the full store delivery the moment an ASN transaction arrives when the indicator on the ASN identifies this as an auto receive delivery and the Source Type is 'Store'. This parameter works with the Store Auto Receive screen. Date Driven: Receives the delivery automatically when the date is reached. A second options, 'Store Auto Receive Number of Days' is used to determine how many days the transaction stays open before it is fully received. If it is set to 0, it will receive immediately when the transfer is shipped. This parameter works with the Store Auto Receive screen.	Not Allowed	Transfer Receiving	Integer

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Store Auto Receive Number of Days	Values: 0-99 0: immediate receiving 1: end of day today 2: end of day tomorrow X: end of day x days starting from today The batch program will auto receive any transfers with a Source Type of 'Store' not previously closed x-days after they have been shipped. This parameter is only used when the Store Auto Receive parameter is enabled.	0	Transfer Receiving	Integer
Store Transfer Default to ShopFloor Receive	Values: Yes/No This parameter determines whether the receiving will default to receive inventory into the shop floor instead of automatically receiving into the back room or delivery bay when the source type is 'Store'. Yes: The Transfer workflow will default to receive inventory into the shop floor when the Source Type is 'Store'. The shop floor inventory bucket will be incremented instead of the backroom or delivery bay bucket. If a capacity is defined for the item, the maximum shop floor quantity will equal the capacity; otherwise, the shop floor will be updated to the entire receipt amount. If the capacity is used and if the receiving quantity is excess, the balance is incremented to delivery bay or back room depending on the Replenishment. No: This will default to back room or delivery bay depending on the Replenishment -Delivery Bay Inventory parameter and all inventory will be automatically received into the back room or delivery bay when Source Type is 'Store'. Note: With the proper permissions, the user will still have the option to receive onto the shop floor while receiving the delivery by changing the default to Shop Floor. Damaged inventory will not move to shop floor.	No	Transfer Receiving	Boolean
Store Transfer Receive Item Capacity	Values: Yes/No This parameter will determine whether the capacity will be considered while receiving the deliveries. Yes: If the value is set to YES, then while receiving and Source Type of 'Store', the capacity will be considered. For example: If capacity is 50, receipt is for 100 and Available SOH is 10 on shopfloor, then if this parameter is on and receive in shop floor is checked then 40 (un-damaged) will be moved to shop floor and rest to back room. No: If the value is set to NO, then while receiving the capacity will not be considered. Damaged inventory will not move to shop floor.	No	Transfer Receiving	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Warehouse Auto Receive	Values: Not Allowed, External Message, Date Driven This parameter will drive the following functionality. Not Allowed will make the system work as today. External message will receive the full warehouse delivery the moment an ASN transaction arrives that indicates that the delivery needs to be auto received and the Source Type is 'Warehouse'. Date Driven will look at a secondary store option (Warehouse Auto Receive number of Days) to determine how many days the transaction stays open before it is fully received. If it is set to 0, it will auto-receive on the ETA date.	Not Allowed	Transfer Receiving	Integer
Warehouse Auto Receive Number of Days	Values: 0-99 0: immediate receiving 1: end of day today 2: end of day tomorrow X: end of day x days starting from today The batch program will auto receive any transfers with a Source Type of 'Warehouse' not previously closed x-days after they have been shipped. This parameter is only used when the Warehouse Auto Receive parameter is enabled.	0	Transfer Receiving	Integer

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Warehouse Default to ShopFloor Receive	Values: Yes/No This parameter determines whether the receiving will default to receive inventory into the shop floor when source type is 'Warehouse' instead of automatically receiving into the back room or delivery bay when the source type is 'Warehouse'. Yes: The Transfer receiving workflow will default to receive inventory into the shop floor when the Source Type is 'Warehouse'. The shop floor inventory bucket will be incremented instead of the backroom or delivery bay bucket. If a capacity is defined for the item, the maximum shop floor quantity will equal the capacity; otherwise, the shop floor will be updated to the entire receipt amount. If the capacity is used and if the receiving quantity is excess, the balance is incremented to delivery bay or back room depending on the Replenishment - Delivery Bay Inventory parameter. No: This will default to back room or delivery bay depending on the Replenishment -Delivery Bay Inventory parameter and all inventory will be automatically received into the back room or delivery bay when Source Type is 'Warehouse'. Note: With the proper permissions, the user will still have the option to receive onto the shop floor while receiving the delivery by changing the default to Shop Floor. Damaged inventory will not move to shop floor.	No	Transfer Receiving	Boolean
Warehouse Receive Item Capacity	Values: Yes/No This parameter will determine whether the capacity will be considered while receiving the deliveries. Yes: If the value is set to YES, then while receiving and Source Type of 'Warehouse', the capacity will be considered. For example: If capacity is 50, receipt is for 100 and Available SOH is 10 on shopfloor, then if this parameter is on and receive in shop floor is checked then 40 (un-damaged) will be moved to shop floor and rest to back room. No: If the value is set to NO, then while receiving the capacity will not be considered. Damaged inventory will not move to shop floor	No	Transfer Receiving	Boolean
Dispatch Validate	Values: Ship Direct, Ship Submit Ship Direct: SIOCS will control all processes. The user will be able to go from create/edit directly to dispatch. Ship Submit: This option will require the user to press the Submit button and require a specific press of the dispatch button. An additional option is that an external system will generate a dispatch message through a standard web service.	Ship Direct	Transfer Receiving	Integer

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Capture Vehicle Details on Submit	Values: Yes/No Yes: The details regarding the vehicle/driver who is handling the shipment, should be captured before submitting a transfer shipment No: The shipment can be submitted without the details regarding the vehicle/driver	No	Transfer Shipment	Boolean
Context Type/ Value required for Transfer Shipment	Values: Yes/No Yes: Capturing of context type and value is mandatory before creating a transfer shipment No: Capturing of context type and value is not mandatory before creating a transfer shipment	Yes	Transfer Shipment	Boolean
Create Transfer Shipment with Container by Default	Values : Yes/No A retailer can do a shipment with or without containers. This configuration decides the default method selected between these two.	Yes	Transfer Shipment	Boolean
Pre-shipment Notification	Values: Yes/No This parameter will drive the following functionality: Yes: The system will publish a pre-shipment message. No: The system will not publish a pre-shipment message.	No	Transfer Shipment	Boolean
Restrict Shipment Dispatch After Submit	Values: Yes/No Yes: This restriction will not allow the user to move a transfer Shipment from Submitted to Dispatched status unless the Fiscal Doc ID/E-way Bill ID has been filed in. No: The shipment can be dispatched without Fiscal Doc ID/E-way Bill ID	No	Transfer Shipment	Boolean
Ship to Finisher Carrier Default	Values: Sender / Receiver / Third Party Sender: Sender will be selected for Carrier Type on BOL Receiver: Receiver will be selected for the Carrier type on BOL. Third Party: Third Party will be selected for the Carrier type on the BOL. The type (drop down) will be defaulted to "Other". When creating a store to Finisher transfer the Carrier Type on the BOL will default initially based upon this parameter. The user can still change this value and if so, that will be the value used on the transfer.	Third Party	Transfer Shipment	Integer

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Ship to Store Carrier Default	Values: Sender / Receiver / Third Party Sender: Sender will be selected for Carrier Type on BOL Receiver: Receiver will be selected for the Carrier type on BOL. Third Party: Third Party will be selected for the Carrier type on the BOL. The type (drop down) will be defaulted to "Other". When creating a store to store transfer the Carrier Type on the BOL will default initially based upon this parameter. The user can still change this value and if so, that will be the value used on the transfer.	Third Party	Transfer Shipment	Integer
Ship to Warehouse Carrier Default	Values: Sender / Receiver / Third Party Sender: Sender will be selected for Carrier Type on BOL Receiver: Receiver will be selected for the Carrier type on BOL. Third Party: Third Party will be selected for the Carrier type on the BOL. The type (drop down) will be defaulted to "Other". When creating a store to WH transfer the Carrier Type on the BOL will default initially based upon this parameter. The user can still change this value and if so, that will be the value used on the transfer.	Third Party	Transfer Shipment	Integer
Auto Accept External Generated Request	Values: Yes/No This parameter automatically approves the requested transfer and defaults the requested quantity to the accepted quantity for externally generated requests.	No	Transfers	Boolean
Auto Accept Store Transfer Request	Values: Yes/No This parameter automatically approves the requested transfer and defaults the requested quantity to the accepted quantity for store to store requests.	No	Transfers	Boolean
Context Type/ Value required for Transfer	Values: Yes/No Yes: Capturing of context type and value is mandatory before requesting a transfer No: Capturing of context type and value is not mandatory before requesting a transfer	No	Transfers	Boolean
Not After Date Default Days	Values: 0-999 This parameter adds a value to the current date and uses the value to default the 'Not After Date' when creating a transfer or requesting a transfer. Documents will be closed via batch when this date is reached.	30	Transfers	Integer

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
Manifest Customer Order Deliveries	Values: Yes/No Yes: The Manifesting system will be called. No: The Manifesting system will not be called.	No	Web Service Enablement	Boolean
Manifest RTV to Supplier	Values: Yes/No Yes: The Manifesting system will be called for return to supplier. No: The Manifesting system will not be called. Note: The interface will still need to be implemented; this just is to determine if it will be called.	No	Web Service Enablement	Boolean
Manifest Transfer to Finisher	Values: Yes/No Yes: The Manifesting system will be called for transfer to Finisher. No: The Manifesting system will not be called. Note: The interface will still need to be implemented; this just is to determine if it will be called.	No	Web Service Enablement	Boolean
Manifest Transfer to Store	Values: Yes/No Yes: The Manifesting system will be called for transfer to store. No: The Manifesting system will not be called. Note: The interface will still need to be implemented; this just is to determine if it will be called.	No	Web Service Enablement	Boolean
Manifest Transfer to Warehouse	Values: Yes/No Yes: The Manifesting system will be called for transfer to warehouse No: The Manifesting system will not be called. Note: The interface will still need to be implemented; this just is to determine if it will be called.	No	Web Service Enablement	Boolean
OBCS Customer Order Delivery Validation	Values: Yes/No Yes: SIOCS-OBCS Integration will be enabled No: SIOCS-OBCS Integration will not be enabled	No	Web Service Enablement	Boolean
OBCS Customer Order Delivery Validation	Values: Yes/No Yes: SIOCS-OBCS Integration will be enabled No: SIOCS-OBCS Integration will not be enabled	No	Web Service Enablement	Boolean

Table 7-2 (Cont.) Store Admin Parameters

Options	Description	Default Value	Topic	Type
OMS Customer Order Delivery Query Address	Values: Yes/No Yes: query the address from an external service as part of processing in: submitting an order, delivering an order, or reading the address for usage in UI No: address will not be queried from external system.	No	Web Service Enablement	Boolean
OMS Customer Order Delivery Validation	Values : Yes/No Yes: When confirming the delivery, the system will make a call out to an external system (such as an OMS) to validate the delivery status and delivery quantities before completing the dispatch. No: external system will not be called.	No	Web Service Enablement	Boolean
Sales Forecast Data	Yes: The web service for Sales Forecast Data will be called. No: The web service for Sales Forecast Data will NOT be called.	No	Web Service Enablement	Boolean
Send Event Alert External	Values: Yes / No Yes: Notification event alerts (non ad hoc notifications) will be sent externally via web service. No: Notification event alerts (non ad hoc notifications) will not be sent externally. Web service is not called.	No	Web Service Enablement	Boolean

Permissions

Table 7-3 Security Permissions

Permission	Topic	Usage
Access Ad Hoc Stock Count Tolerances	Admin	With this permission, the user will have access to the Ad hoc Stock Count Tolerance dialog.
Access Admin	Admin	With this permission, the user will have access to the Admin menu.
Access Auto-Receive Stores	Admin	With this permission, the user will have access to the Auto Receive Stores admin dialog.
Access Barcode Processor	Admin	With this permission, the user will have access to the Barcode Processor dialog.
Access Buddy Stores	Admin	With this permission, the user will have access to the Buddy Store dialog.
Access Carrier Services	Admin	With this permission, the user can access the Carrier Service dialog to add and edit the carrier service data.
Access Carriers	Admin	With this permission, the user can access the Carrier dialog to add or edit the carrier data.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access Code Info	Admin	With this permission, the user can access the Code Info dialog to add, edit and delete code information.
Access Container Lookup	Admin	With this permission, the user will have access to the Container Lookups dialog.
Access Credential Administration	Admin	With this permission, the user will have access to the Credential Administration Screen. Without this permission, the user will not have access to the Credential Administration Screen.
Access Customer Order Picking Tolerances	Admin	With this permission, the user will have access to the Customer Order Picking Tolerance dialog.
Access Data Seed	Admin	With this permission the user will have the ability to start the data seeding job via the batch job admin.
Access Delivery Timeslot	Admin	User must have this permission in order for the Delivery Timeslot menu option to be available within the Data Setup menu. With this permission the user will be able to do all operations on this screen.
Access DCS Work Types	Admin	With this permission, a sysop user will have access to the DCS Work Type screen in the desktop application.
Access Extended Attribute	Admin	With this permission, the Extended Attributes Menu option is displayed under Admin/Configuration and the user gets the ability to setup and assign extended attributes.
Access Extended Attribute Dept Assign	Admin	With this permission, the Assign Extended Attributes Menu option is displayed under Admin/Configuration and the user gets the ability to assign new extended attributes and also remove the existing assignments.
Access Extended Attribute Setup	Admin	With this permission, the Setup Extended Attributes Menu option is displayed under Admin/Configuration and the user gets the ability to view and edit extended attributes.
Access External Service Administration	Admin	With this permission, the user will have access to the External Service Admin screen.
Access File Transfer Service	Admin	With this permission, the user will be able to access File Transfer Service screen
Access Finisher Lookup	Admin	With this permission, the user will have access to the Finisher Lookup functionality.
Access Fiscal Document External Reference Link URL	Admin	With this permission, the user will be able to view the Fiscal Doc URL
Access Flexible Attributes	Admin	With this permission, the user will have access to the Custom Flexible Attributes dialog and can setup (Create) and Delete flexible attributes. Note that CFAs are not editable once created due to data integrity.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access Future Price Events	Admin	Desktop: With this permission, 'Future Price Events' will also be listed in the Price Events screen in Item Lookup. Without this permission, 'Future Price Events' will not be listed in the Price Events screen. Mobile: With this permission, the user will be able to view future price events in Pricing of Item Lookup. Without this permission, the user will only be able to see current and past events.
Access Initial Data Load	Admin	With this permission the user will have access to the Initial Data Load dialog. Without this permission the user will not have access to the Initial Data Load dialog.
Access Integration Dashboard	Admin	On desktop application, with this permission, the user can access the Integration dashboard.
Access Item Lookup MAF	Admin	With this permission, the user will have access to the Item Lookup functionality on MAF mobile.
Access Supplier Lookup MAF	Admin	With this permission the user will have access to Supplier Lookup supplier lookup functionality on MAF mobile.
Access Container Lookup MAF	Admin	With this permission, the user will have access to the Container Lookup functionality on MAF mobile.
Access Inventory Adjustment MAF	Admin	With this permission, the user will have access to Inventory Adjustments on MAF mobile.
Access Item Basket MAF	Admin	With this permission, the user will have access to Item Baskets on MAF mobile.
Access Store Orders MAF	Admin	With this permission, the user will have access to Store Orders on MAF mobile.
Access Stock Counts MAF	Admin	With this permission, the user will have access to Stock Counts on MAF mobile.
Access Shelf Replenishment MAF	Admin	With this permission, the user will have access to Shelf Replenishment on MAF mobile.
Access Shelf Adjustment MAF	Admin	With this permission, the user will have access to Shelf Adjustments on MAF mobile.
Access Scan List MAF	Admin	With this permission, the user will have access to Scan Lists on MAF mobile.
Access Quick Receiving MAF	Admin	With this permission, the user will have access to Quick Receiving on MAF mobile.
Access Transfer Receiving MAF	Admin	With this permission, the user will have access to Transfer Receiving on MAF mobile.
Access Shipment MAF	Admin	With this permission, the user will have access to Transfer Shipments on MAF mobile.
Access Transfer MAF	Admin	With this permission, the user will have access to Transfers on MAF mobile.
Access Transfer Request MAF	Admin	With this permission, the user will have access to Transfer Requests on MAF mobile.
Access RTV MAF	Admin	With this permission, the user will have access to RTVs on MAF mobile.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access RTV Shipment MAF	Admin	With this permission, the user will have access to RTV Shipments on MAF mobile.
Access DSD Receiving MAF	Admin	With this permission, the user will have access to DSD Receiving on MAF mobile.
Access Purchase Order MAF	Admin	With this permission, the user will have access to Purchase Orders on MAF mobile.
Access Customer Order MAF	Admin	With this permission, the user will have access to Customer Orders on MAF mobile.
Access Customer Order Delivery MAF	Admin	With this permission, the user will have access to Customer Order Deliveries on MAF mobile.
Access Customer Order Pick MAF	Admin	With this permission, the user will have access to Customer Order Picks on MAF mobile.
Access Customer Order Reverse Pick MAF	Admin	With this permission, the user will have access to Customer Order Reverse Picks on MAF mobile.
Access Print Item MAF	Admin	With this permission, the user will have access to the ticket printing dialog on MAF mobile.
Access Inventory Adjustment Reasons	Admin	With this permission, the user will have access to the Inventory Adjustment Reason admin dialog and the ability to setup and maintain inventory adjustment reason codes.
Access Fiscal Doc URL	Admin	With this permission, the user will be able to view the Fiscal Doc URL
Access Inventory Management	Admin	With this permission, the user will have access to the Inventory Management.
Access ISN Types	Admin	With this permission, user will be able to access the ISN Types dialog in the desktop application.
Access Item CFAs	Admin	With this permission, the CFAs will be available on Item Detail in Item Lookup
Access Item Lookup	Admin	With this permission, the user will have access to the Item Lookup functionality.
Access Item Maintenance	Admin	With this permission the user will be able to access the Item Maintenance screen in JET Mobile
Access Item Scan Number Lookup	Admin	With this permission, the user can access the Item Scan Number Lookup.
Access Job Admin	Admin	With this permission, the user can access the Job admin dialog.
Access Job Scheduler	Admin	With this permission, the user can access the Job scheduler dialog.
Access Lookup	Admin	With this permission, the user will have access to functionality within Lookups.
Access MPS Staged Messages	Admin	User must have this permission in order to access the MPS Staged Messages screen to view or edit the inbound and outbound messages.
Access MPS Work Types	Admin	User must have this permission in order to Access or Edit the Worker Type settings.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access Operational Issues	Admin	With this permission, the user can access the Operational Issues dialog.
Access Operational Views menu	Admin	On EICS, with this permission, the operational views main menu is displayed, and user is allowed to view the different operational views.
Access Package Size	Admin	With this permission the user will have access to the Package Size admin dialog.
Access POS Transaction Resolution List	Admin	On desktop application, with this permission, the user can access the Transaction Resolution dialogue.
Access Price Events	Admin	With this permission, 'View Price Events' button will be available in the Item Detail screen hence the user will be able to access the Price Events screen.
Access Printer Setup	Admin	With this permission, the user can access the printer setup dialog.
Access Product Group Schedules	Admin	With this permission the user will have access to the Product Group Schedule dialog.
Access Product Groups	Admin	With this permission, the user will have access to the admin Product Group and Product Group Component functionality
Access Reports	Admin	With this permission, the user can access the Reports dialog.
Access RFID Locator	Admin	With this permission, the user can access the RFID Locator dialog in mobile.
Access Sequence Admin	Admin	With this permission the user will have the Sequence Admin menu option under Technical Maintenance menu.
Access SIOCS Managed Stores	Admin	With this permission, the user will have access to the SIOCS Managed Stores screen in EICS.
Access Shipment Reasons	Admin	With this permission, the user will have access to the Shipment Reason admin dialog and the ability to setup and maintain shipment reason codes.
Access Shipping Receiving	Admin	With this permission, the user will have access to functionality within Shipping/Receiving.
Access Store Administration	Admin	With this permission, the user will have access to Store Administration dialog.
Access Store Administration Default	Admin	With this permission, the user will have access to Store Administration default dialog.
Access Store Shipping Network	Admin	With this permission, the user will have access to the Store Shipping Network screen in the desktop application.
Access Sub Buckets	Admin	With this permission, the user can access the Sub bucket dialog.
Access Supplier CFAs	Admin	With this permission, the CFAs will be available on Supplier Detail in Supplier Lookup.
Access Supplier Lookup	Admin	With this permission the user will have access to Supplier Lookup and the Supplier Lookup menu option will appear in the drawer (main menu).

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access System Administration	Admin	With this permission, the user will have access to the System Administration dialog.
Access Technical Maintenance	Admin	With this permission, the user will have access to Technical Maintenance dialog.
Access Transaction History	Admin	With this permission the user will have access to the Transaction History dialog.
Access Translation Setup	Admin	With this permission, the user can access the Translation Setup dialog.
Access Troubled Transaction	Admin	With this permission, the user can select the Troubled Transaction List from the Inventory Management menu.
Access UDAs	Admin	With this permission, in Item Lookup the user will be able to search for an item by a search type of UDA. Also, the UDAs will be available on Item Detail in Item Lookup.
Access UDA Print Setup	Admin	With this permission, the user can access the UDA Print Setup dialog in the desktop application.
Access UIN Label Setup	Admin	With this permission, the user can access the UIN Label Setup dialog in the desktop application.
Access Unit of Measure	Admin	User must have this permission in order for the Unit of Measure menu option to be available within the Configuration menu. With this permission the user will be able to do all operations on this screen. (Add ""+"" , Remove ""-"" and Edit).
All Stores Product Groups	Admin	With this permission, Product Groups for All Stores can be created as well as edited. Without this permission, Product Groups cannot be created for all stores, and they can only be viewed for all stores.
Allow Bulk Scan	Admin	With this permission, the user will have access to the Bulk Scan dialog. The Bulk Scan menu option will be in the footer menu of applicable transaction item list screens. The Bulk scan type will be available as a scan mode in the mode bar.
Allow Operational Issue Batch Execution Delete	Admin	With this permission, the user will be able to delete the issues in Bulk Import, Transaction Execution and Data Purge tasks via Operational Issues Dialog.
Create Item Scan Number	Admin	With this permission, the user is allowed to create a new item scan number in the system.
Create Notes	Admin	With this permission, the user will be able to add notes within the notes dialog.
Create Product Group Schedules	Admin	With this permission, the user can create new Product Group Schedules.
Create Product Groups	Admin	With this permission, the user will be able to create a new Product Group.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Create Translations	Admin	With this permission, the user can create new translations.
Delete Initial Data Load	Admin	With this permission the user will have the Delete Data button. Without this permission the user will not have the Delete Data button.
Delete Item Scan Number	Admin	With this permission, the user is allowed to delete an existing Item Scan Number.
Delete MPS Staged Messages	Admin	User must have this permission in order to delete the inbound and outbound messages.
Delete Product Group Schedules	Admin	With this permission, the user can delete Product Group Schedules.
Delete Product Groups	Admin	With this permission, the user can delete a Product Group.
Display Stock Locator	Admin	With this permission, the user will have access to Stock Locator within Item Lookup.
Edit Item Scan Number	Admin	With this permission, the user is allowed to edit an existing Item Scan Number. Applicable for webservice operation.
Edit Item Scan Number CDA	Admin	This is required for web service action to edit the Item Scan number CDAs.
Edit Job Schedules	Admin	With this permission the user can edit Job Schedules.
Edit POS Transaction	Admin	On desktop application, with this permission, the user can edit the troubled pos transaction message.
Edit Product Group Schedules	Admin	With this permission, the Product Group Schedule will be editable.
Edit Product Groups	Admin	With this permission, the user can Edit an existing Product Group which also includes adding and removing Product Group Components.
Edit UDA Print Setup	Admin	With this permission, the user can edit the UDA Print Setup values in the desktop application.
Submit Initial Data Load	Admin	With this permission the user will have the Submit Seed button. Without this permission the user will not have the Submit Seed button.
Update Resolution Status	Admin	With this privilege the Resolve/Reset button on the Troubled Transactions List screen will be displayed and enabled.
Update UIN Status	Admin	With this permission, the user can update the status of the UIN from the history screen.
View UIN History	Admin	With this permission, the user will be able to access the UIN Lookup feature and view the history in EICS.
Warehouse Inventory Access	Admin	With this permission, the warehouse inventory details will be included in the Stock Locator Item Lookup section.
Access Area	Area	With this permission, the user will have access to the Area dialog.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Confirm Area	Area	With this permission, the user will be able to Confirm an Area.
Create Area	Area	With this permission, the user will be able to create Areas.
Delete Area	Area	With this permission, the user will be able to delete an Area.
Edit Area	Area	With this permission, the user will be able to edit active Areas.
Access Customer Details	Customer Order	With this permission the user will have access to the Customer Details (name, address, and so on) associated with the customer order.
Access Customer Order	Customer Order	With this permission, the user will have access to Customer Orders dialog.
Access Customer Order Delivery Attribute	Customer Order	With this permission, the user is allowed to view the extended attributes in the functional dialog..
Access Customer Order Management	Customer Order	With this permission, the user will have access to the Customer Order Management operations within the drawer/menu.
Access Customer Order Quick Flow	Customer Order	With this permission, Customer Orders will display on the Open Transaction. This is for JET Mobile Quick Flow. Go to Transaction option will exist in Notifications.
Allow dispatch without Fiscal Document IDL	Customer Order	With this permission, the user will be able to dispatch the shipment without the Fiscal Doc ID/E-way bill ID being available.
Cancel Submit Customer Order Delivery	Customer Order	With this permission, the user will be able to Cancel Submit a "Submitted" status Customer Order Delivery that is a "web order".
Confirm Customer Order Pick	Customer Order	With this permission, the user can Confirm a customer order pick.
Confirm Customer Order Reverse Pick	Customer Order	With this permission, the user will be able to Confirm a customer order reverse pick.
Create Customer Order Delivery	Customer Order	With this permission, the user can create a new delivery for a Customer Order that is a "web order". Used in conjunction with Create Customer Order Delivery for Shipment or Create Customer Order Delivery for Pickup permission. This permission must also exist in order to create a delivery that is not a web order from an external system.
Create Customer Order Delivery for Pickup	Customer Order	With this permission, the user will be able to create Customer Order Deliveries which are of type store pickup. Used in conjunction with the Create Customer Order Delivery permission.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Create Customer Order Delivery for Shipment	Customer Order	With this permission, the user will be able to create Customer Order Deliveries which are of type store shipment. Used in conjunction with the Create Customer Order Delivery permission.
Create Customer Order Pick	Customer Order	With this permission, the user will be able to create customer order picks. Picks can be created from within a Customer Order (for a single customer order pick). Picks can be created from within Customer Order Picking.
Create Customer Order Reverse Pick	Customer Order	With this permission, the user will be able to create customer order reverse picks.
Delete Customer Order Delivery	Customer Order	With this permission, the user will be able to delete a customer order delivery that is a "web order".
Delete Customer Order Pick	Customer Order	With this permission, the user will be able to delete a customer order pick.
Delete Customer Order Reverse Pick	Customer Order	With this permission, the user will be able to delete a customer order reverse pick.
Dispatch Customer Order Delivery	Customer Order	With this permission, the user can Dispatch a Customer Order Delivery that is a "web order".
Dispatch Incomplete Customer Order Delivery	Customer Order	When dispatching a delivery that requires full delivery (Allow Partial Delivery = 'No'), the entire delivery must be delivered in full. With this permission, the user will get a warning message and will be able to continue the dispatch without full delivery. Without this permission the delivery must be in full.
Edit Customer Order BOL	Customer Order	With this permission, the user will be able to edit the details of the Bill of Lading associated with a customer order delivery. This is done in the Edit Delivery screen. User must also have Edit Customer Order Delivery permission.
Edit Customer Order CFA	Customer Order	With this permission, the user will be able to capture CFAs for a customer order.
Edit Customer Order Delivery	Customer Order	With this permission, the user can edit an existing delivery for a Customer Order that is a "web order".
Edit Customer Order Delivery Attribute	Customer Order	With this permission, the user is allowed to add/remove the extended attributes.
Edit Customer Order Delivery CFA	Customer Order	With this permission, the user will be able to capture CFAs for a Customer Order Delivery
Edit Customer Order Pick	Customer Order	With this permission, the user will be able to edit active customer order picks.
Edit Customer Order Pick CFA	Customer Order	With this permission, the user will be able to capture CFAs for a Customer Order Pick.
Edit Customer Order Reverse Pick	Customer Order	With this permission, the user will be able to edit active reverse picks

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Customer Order Quick Flow	Customer Order	With this permission the user will be able to edit (assuming proper status) in the customer order quick flow, which may include picking, rejecting, and pickup / shipment.
Edit Customer Order Quick Flow Quantity	Customer Order	With this permission the user will be able to click on the item quantity and the quantity widget will open to edit the quantity. Without this permission, the quantity is not editable and only scanning is allowed.
Edit Customer Order Reverse Pick CFA	Customer Order	With this permission, the user will be able to capture CFAs for a Customer Order Reverse Pick
Edit Quantity Delivery	Customer Order	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Customer Order Delivery permission as well. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit Quantity Picking	Customer Order	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Customer Order Pick permission. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit Quantity Reverse Picking	Customer Order	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Customer Order Reverse Pick permission. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Item Substitution For Picking	Customer Order	With this permission, the user will have access to the Item Substitution dialog within Customer Order Picking.
Reject Customer Order	Customer Order	With this permission, the user will be able to Reject a Customer Order.
Submit Customer Order Delivery	Customer Order	With this permission, the user will be able to Submit a Customer Order Delivery that is a “web order”. Used in conjunction with Modify Customer Order Delivery permission.
View Customer Order BOL	Customer Order	With this permission, the user can access and view the details of the Bill of Lading associated with a customer order delivery.
Container Items Limited To	Data	With this permission, the user can access data criteria associated with adding items to a container. This is selected by each individual criterion.
Counting Method	Data	With this permission, the user can access specific counting methods. This is selected by each individual counting method.
Department	Data	With this permission, the user can access specific department. This is selected by each individual department code.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Display List Diff Types	Data	With this permission, the user can access the display of diff types. This is selected by each individual diff type.
Inventory Adjustment Reason Code	Data	With this permission, the user can access specific inventory adjustment reason codes. This is selected by each individual reason code.
Item Basket Types	Data	With this permission, the user can access specific item basket types. This is selected by each individual basket types.
Location Types	Data	With this permission, the user can access specific location types. This is selected by each individual location type.
Print Format Type	Data	With this permission, the user can access specific print format types. This is selected by each individual format type.
Product Group Type	Data	With this permission, the user can access specific product group types. This is selected by each individual product group type.
Role Type	Data	With this permission, the user can access specific role types. This is selected by each individual role type.
RTV Reason Code	Data	With this permission, the user can access specific RTV reason codes. This is selected by each individual reason code.
RTV Shipment Reason Code	Data	With this permission, the user can access specific RTV shipment reason codes. This is selected by each individual reason code.
Scan List Type	Data	With this permission, the user can access specific scan list types. This is selected by each individual scan list type.
Shelf Adjustment Type	Data	With this permission, the user can access specific shelf adjustment types. This is selected by each individual adjustment type.
Shelf Replenishment Type	Data	With this permission, the user can access specific shelf replenishment types. This is selected by each individual type.
Store Order Delivery Timeslots	Data	With this permission, the user can access specific delivery timeslots. This is selected by each individual timeslot.
Transaction Type	Data	With this permission, the user can access specific transaction types. This is selected by each individual transaction type.
Transfer Destination Type	Data	With this permission, the user can access specific transfer destination types. This is selected by each individual transfer destination type.
Transfer Shipment Reason Code	Data	With this permission, the user can access specific transfer destination types. This is selected by each individual transfer destination type.
Access Adjust Container DSD Receiving	DSD Receiving	With this permission, the user will be able to adjust the container in a delivery.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access Confirm Container DSD Receiving	DSD Receiving	With this permission, the user can confirm the container receipt from the supplier.
Access Confirm DSD Receipt	DSD Receiving	With this permission, the user will be able to confirm the Direct store delivery.
Access Create Container	DSD Receiving	With this permission, the user can create a new container in the DSD receipt.
Access Delete Container	DSD Receiving	With this permission, the user can delete a container.
Access Delete Receipt	DSD Receiving	With this permission, the user will be able to delete a direct store delivery.
Access Document DSD Receiving	DSD Receiving	With this permission, the user will be able to select the PO to apply items on the receipt. User must also have Edit container permissions in order to do this operation.
Access DSD Receiving	DSD Receiving	With this permission, the user will have access to the DSD Receiving dialog.
Access DSD Receiving Ext. Attribute	DSD Receiving	With this permission, the user is allowed to view the extended attributes in the functional dialog..
Access Purchase Order	DSD Receiving	With this permission, the user will be able to access the Purchase Orders.
Access Reject Delivery	DSD Receiving	With this permission, the user will be able to reject a direct store delivery.
Add Unexpected Item to DSD Receiving	DSD Receiving	With this permission, the user will be able to add the unexpected items to the container.
Allow ASN Over Receiving	DSD Receiving	For PO's with an ASN: With this permission, when entering a received quantity, it is OK, to exceed the ASN quantity. Without this permission, the received quantity cannot exceed the ASN quantity.
Allow Create Multiple Containers	DSD Receiving	With this permission, user will be able to create more than one container during DSD Receiving. **Only on Jet mobile
Allow Modify Default Container Method	DSD Receiving	With this permission, the user can modify the default container method while creating the DSD receipt. Methods are With Containers or without containers.
Allow DSD Receiving With PO	DSD Receiving	With this permission, the user will be able to create a receipt against a PO but without ASN.
Allow DSD Receiving Without PO	DSD Receiving	With this permission, the user will be able to create a receipt without PO.
Allow PO Over Receiving	DSD Receiving	For PO's with and without an ASN: With this permission, when entering a received quantity, it is OK, to exceed the PO quantity. Without this permission, the received quantity cannot exceed the PO quantity.
Allow Receiving Damages	DSD Receiving	With this permission, the user will be able to receive damaged items and make all remaining quantity to be received as damaged. User must also have Edit container permissions in order to do this operation.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Confirm Empty Receipt	DSD Receiving	With this permission, the user can confirm the delivery that does not contain any containers with items having received or damaged quantity.
Default Qty in All Containers	DSD Receiving	With this permission, the user will be able to default the received quantity for all the containers in the delivery.
Default Qty in Container	DSD Receiving	With this permission, the user will be able to default the received quantity with the remaining quantity in the container.
Display Expected Quantity	DSD Receiving	With this permission, the user will be able to view the expected quantity during the receipt.
Edit Container	DSD Receiving	With this permission, the user can edit the container line items, modify the line item quantities, or delete the item. The user still needs this permission to create, edit, edit info, and confirm the DSD receiving transactions without the container. On JET Mobile, the user still needs this permission to create, edit, edit info, and confirm the DSD receiving transactions without the container.
Edit Container CFA	DSD Receiving	With this permission, the user will be able to capture CFAs for a Container in DSD Receiving.
Edit Container Info DSD Receiving	DSD Receiving	With this permission, the user will be able to edit the container information.
Edit Cost	DSD Receiving	With this permission, the user will be able to edit the cost during receiving if displayed based on the Display Unit Cost for Direct Deliveries system parameter.
Edit Delivery CFA	DSD Receiving	With this permission, the user will be able to capture CFAs for a DSD.
Edit Delivery Info	DSD Receiving	With this permission, the user will be able to edit the delivery information.
Edit DSD Receiving Ext. Attribute	DSD Receiving	With this permission, the user is allowed to add/remove the extended attributes.
Edit Quantity	DSD Receiving	With this permission, the user will be able to edit the quantity of the item in the delivery. User must also have Edit container and Modify container permissions in order to do this operation.
Override Not After Date Check	DSD Receiving	With this permission, the user can override the not after date check. This permission will allow the user to receive delivery where the receipt date passed the not after date in PO.
Override Supplier Discrepancies	DSD Receiving	With this permission, the user will be able to override the supplier discrepancies when quantity is validated.
Receive Direct Delivery on Shop Floor	DSD Receiving	With this permission, the user will be able to receive delivery on shop floor directly.
Access Inventory Adjustment	Inventory Adjustments	With this permission a user will have access to the Inventory Adjustment dialog.
Access Inventory Adjustment Attribute	Inventory Adjustments	With this permission, the user is allowed to view the extended attributes in the functional dialog.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Complete Inventory Adjustment	Inventory Adjustments	With this permission, the user can Confirm an inventory adjustment. User must also have data permissions for each adjustment reason on the adjustment.
Create Inventory Adjustment	Inventory Adjustments	With this permission, the user can create a new inventory adjustment. This permission must exist as well for a user to copy a “completed” inventory adjustment. User must also have data permissions for each adjustment reason on the adjustment.
Create Quick Adjustment	Inventory Adjustments	With this permission, the Adjust Inventory menu option will be available on JET Mobile in Item Lookup. Without this permission, the Adjust Inventory button will not be displayed.
Delete Inventory Adjustment	Inventory Adjustments	With this permission, the user will be able to delete an inventory adjustment. User must also have data permissions for each adjustment reason on the adjustment.
Edit Inventory Adjustment	Inventory Adjustments	With this permission, the user will be able to edit existing inventory adjustments. User must also have data permissions for each adjustment reason on the adjustment.
Edit Inventory Adjustment Attribute	Inventory Adjustments	With this permission, the user is allowed to add/remove the extended attributes.
Edit Inventory Adjustment Date	Inventory Adjustments	With this permission the adjustment date on desktop and Jet Mobile will be editable. Without this permission, they will be view only. Not applicable to MAF, as it is not editable there.
Edit Inventory Adjustment CFA	Inventory Adjustments	With this permission, the user will be able to capture CFAs for an inventory adjustment.
Edit Quantity	Inventory Adjustments	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Inventory Adjustment permission as well as data permissions for each adjustment reason on the adjustment.
Access Item Basket	Item Basket	With this permission, the user will have access to the Item Basket dialog.
All Stores Item Basket	Item Basket	With this permission, Item Baskets for All Stores can be created as well as edited. Without this permission, Item Baskets cannot be created for all stores, and they can only be viewed for all stores.
Confirm Item Basket	Item Basket	With this permission, the user will be able to Confirm an Item Basket.
Create Item Basket	Item Basket	With this permission, the user will be able to create Item Baskets.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Delete Item Basket	Item Basket	With this permission, the user will be able to delete an Item Basket.
Edit Item Basket	Item Basket	With this permission, the user will be able to edit active Item Baskets.
Edit Item Basket CFA	Item Basket	With this permission, the user will be able to capture CFAs on an Item Basket.
Edit Quantity Item Basket	Item Basket	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Item Basket permission. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Import Item Basket	Item Basket	With this permission, the user will have the Import Item Basket menu option within an Item Basket on mobile.
Investigate Item Basket	Item Basket	With this permission, the investigate menu option in item lookup will be available and the user will be able to add an item to an existing item basket or create a new item basket if one doesn't exist for investigation in item lookup. Without this permission, the investigate menu option in item lookup will not be available.
Access Notifications	Notifications	With this permission, the bell notification icon will be displayed in the drawer/menu as well as on the Open Transactions header. The view on the notification will also be displayed.
Customer Order Pickup	Notifications	With this permission, the user will be notified, if the pick list has been created but not actioned.
Customer Order Pick Reminder	Notifications	With this permission, the user will be notified, if the pick list has been created but not actioned.
Customer Order Reauthorization	Notifications	With this permission the user will receive a notification when the payment reauthorization for a customer order is successful.
Customer Order Receipt	Notifications	With this permission, the user will be notified when customer orders are received.
Customer Order Reminder	Notifications	With this permission, the user will be notified when the customer order has not been fulfilled.
Damaged Delivery	Notifications	With this permission, the user will be notified when the delivery includes damaged items.
Display External Scanner Notifications	Notifications	With this permission, the user will be notified with a popup that appears when a scanner is connected or disconnected or has a low battery for that event.
Display Notification Warning	Notifications	With this permission, the user will receive a notification warning when a new notification is created / inserted into the system.
Finisher Delivery Unable to Auto-Receive	Notifications	With this permission, the user will receive a notification warning when a finisher delivery is not auto received.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Finisher UIN Discrepancy	Notifications	With this permission, the user will be notified when a finisher return received quantity does not match the number of serial numbers on the return. Without this permission, the user will not be notified.
Misdirected Container	Notifications	With this permission, the user will be notified when a container has been received in another location.
New Customer Order	Notifications	With this permission, the user will be notified when customer orders are created.
New Customer Order Reverse Pick	Notifications	With this permission, the user will be notified when a new cross channel customer order reverse picks arrives.
Over Received Quantity	Notifications	With this permission, the user will be notified when the number of pre-populated serial numbers exceeds the received quantity. Without this permission, the user will not be notified.
Receiving UIN Discrepancy	Notifications	With this permission, the user will be notified when the number of pre-populated serial numbers does not match the received quantity. Without this permission, the user will not be notified.
RTV Request Expiration Approaching	Notifications	With this permission, the user will be notified if the supplier return request expiration date is approaching.
RTV Unavailable request quantity	Notifications	With this permission, the user will be notified if there is not enough inventory in the unavailable bucket to send back to supplier from a return request.
Shipped Delivery Overdue	Notifications	With this permission, the user will be notified when the shipped delivery has not been received and has passed the expected date.
Store Delivery Unable to Auto-Receive	Notifications	With this permission, the user will be notified when a store delivery has discrepancies and cannot be auto received.
Store Receiving Over/Under	Notifications	With this permission, the user will be notified when a store transfer has over/under received quantities.
Transfer Request	Notifications	With this permission, the user will be notified when a transfer request is created.
Transfer Request Approved	Notifications	With this permission, the user will be notified when a transfer request is approved.
Transfer Request Expiration Approaching	Notifications	With this permission, the user will be notified when a transfer request has not been approved and the request is about to expire. This is based on the not after date set.
Transfer Request Rejected	Notifications	With this permission, the user will be notified when a transfer request is rejected.
Transfer Unavailable Request Quantity	Notifications	With this permission, the user will be notified when the requested quantity is no longer available at the requested source location.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
UIN Items on Incoming ASN Failed	Notifications	With this permission, the user will be notified if an Auto Generated SN item is on the ASN with pre-generated numbers when processing thru the RIB. Without this permission, the user will not be notified.
Unexpected UIN (Store Changed)	Notifications	With this permission, the user will be notified when UINs are discovered at a store where they should not be. Without this permission, the user will not be notified.
Warehouse Delivery Unable to Auto-Receive	Notifications	With this permission, the user will be notified when the delivery includes pre-populated serial numbers and cannot be automatically received.
Access Open Transactions	Open Transactions	If the user has this permission, the Open Transactions menu option will be available in the drawer/menu and Quick Actions. Upon logging in the user will go to Open Transactions. If the user does not have this permission, the menu option will not be available in the drawer/menu or Quick Actions. Upon logging in the user will navigate to Quick Actions. . This permission is applicable only to JET mobile
Send Transaction Notification	Open Transactions	With this permission the user will be able to send a notification. This is done from within the Open Transactions dialog; the user will be able to swipe an open transaction and send a notification.
View Transactions	Open Transactions	With this permission the user will have the potential to view all the open transactions for the user's store (depending on data permissions). Without this permission, the Open Transactions dialog will still display (just without the transactions listed); however, the list of open transactions will be empty. This permission is applicable only to MAF Mobile.
Access Out of Stock Lookup	Operational Views	On EICS, with this permission, the Out of Stock operational view menu is displayed and user is allowed to view the out of stock operational view.
Access New Received Items	Operational Views	On EICS, with this permission the user will be able to access the Access New Items view in Operational Views.
Access Expiring Items Lookup	Operational Views	On EICS, with this permission the user will be able to access the Expiring Items view in Operational Views.
Access Stock Counts - Ready to Authorize	Operational Views	On EICS, with this permission the user will be able to access the Stock Counts - Ready to Authorize view in Operational Views.
Access Shopfloor Out of Stock	Operational Views	On EICS, with this permission the user will be able to access the Access Shopfloor Out of Stock view in Operational Views.
Access RTV	RTV	With this permission, a user will have access to the RTV dialog and the RTV menu option will appear in the Drawer.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Accept RTV	RTV	With this permission, the user will be able to approve a return request. User must also have data permissions for each return reason on the return. Without this permission, the user will not be able to approve an RTV or accept a return request.
Add Items To RTV	RTV	With this permission, the user will be able to add items to a return. User must also have Edit RTV permissions as well as data permissions for each return reason on the RTV
Allow Over Accepting	RTV	With this permission, the user will be allowed to accept quantity more than the Requested quantity in the RTV Request.
Close RTV	RTV	With this permission, the user will be able to close an RTV. User must also have data permissions for each return reason on the return. Without this permission, user will not be able to close a return.
Create RTV	RTV	With this permission, the user can create an RTV document. Without this permission, the user will not be able to create an RTV document.
Edit Quantity	RTV	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit RTV permissions as well as data permissions for each return reason on the RTV. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit RTV	RTV	With this permission, the user will be able to edit existing RTV like line item details, qty, and so on. User must also have data permissions for each Return reason on the RTV. Without this permission, the RTV will be view only.
Edit RTV CFA	RTV	With this permission, the user will be able to capture CFAs for an RTV document.
Edit RTV CFA Request	RTV	With this permission the user can capture CFAs on an RTV Request.
Edit RTV Info	RTV	With this permission, the user will be able to edit the header information of an RTV. Without this permission, the user will not be able to edit header information of an RTV.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Reject RTV	RTV	With this permission, the user will be able to reject a return request. User must also have data permissions for each return reason on the return. Without this permission, the user will not be able to reject a return request.
Access RTV Shipment	RTV Shipment	With this permission, the user can access shipments from RTV requests. Without this permission, the user will not be able to access the shipments from RTV requests.
Access RTV Shipment Attribute	RTV Shipment	With this permission, the user is allowed to view the extended attributes in the functional dialog. Without this permission, the user will not be able to access the extended attributes for an RTV Shipment
Add Unexpected Items to RTV Shipment	RTV Shipment	With this permission, the user will be allowed to add items that are not present in the RTV Document, into the shipment. User must also have Edit Container permission as well as data permissions for each return reason on the container.
Adjust Carrier	RTV Shipment	With this permission, the user will be able to update the BOL details of a shipment even after at least one container has been confirmed.
Adjust Container RTV Shipment	RTV Shipment	With this permission, the user will be allowed to bring the container back to editable status. User must also have data permissions for each return reason on the container.
Allow dispatch without Fiscal Document ID	RTV Shipment	With this permission, the user will be able to dispatch the shipment without the Fiscal Doc ID/E-way bill ID being available
Allow Create Multiple Containers	RTV Shipment	With this permission, user will be able to create more than one container during shipment. **Only on Jet mobile
Allow Modify Default Container method	RTV Shipment	Allow Modify Default Container methodRTV ShipmentWith this permission, the user will be able to modify the shipping method(with container or without container). The Container option field will be editable for the user with this permission. **Only for JET Mobile
Allow over shipping RTV Shipment	RTV Shipment	With this permission, the user will be allowed to go over Approved quantity in the RTV document User must also have Edit Container permission as well as data permissions for each return reason on the container. Without this permission, the user will not be allowed to enter qty more than Approved qty.
Cancel Submit RTV Shipment	RTV Shipment	With this permission, the user can cancel submit RTV shipments. Without this permission, the user will not be able to cancel submit RTV shipments.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Confirm RTV Shipment Container	RTV Shipment	With this permission, the user can confirm containers in the shipments. The user must also have data permissions for each return reason on the container. Without this permission, the user will not be able to confirm containers in the shipments. The user needs the Edit Container permission to confirm the RTV shipment transactions without container.
Create RTV Shipment	RTV Shipment	With this permission, the user can create shipments for RTV requests. Without this permission, the user will not be able to create shipments for RTV requests or an adhoc shipment.
Create RTV Shipment Container	RTV Shipment	With this permission, the user will be allowed to create a container for the shipment. Without this permission, the user will not be allowed to create a container for the shipment.
Default Items to RTV Shipment	RTV Shipment	With this permission, the user will be allowed to add items from the RTV document into shipment. User must also have data permissions for each return reason on the shipment. Without this permission, the user will not be allowed to add items from the RTV document into shipment
Delete RTV Shipment	RTV Shipment	With this permission, the user can delete RTV shipments. Without this permission, the user will not be able to delete RTV shipments.
Delete RTV Shipment Container	RTV Shipment	With this permission, the user can delete containers in the shipments. User must also have data permissions for each return reason on the container. Without this permission, the user will not be able to delete containers in the shipments.
Dispatch Shipment	RTV Shipment	With this permission, the user can dispatch RTV shipments. Without this permission, the user will not be able to dispatch RTV shipments.
Edit Shipment	RTV Shipment	With this permission, the user is able to edit an existing RTV shipment. Without this permission, the shipment is view only.
Edit Container CFA	RTV Shipment	With this permission, the user will be able to capture CFAs for a container in RTV shipment.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Container RTV Shipment	RTV Shipment	With this permission, the user will be allowed to edit the line item details, update qty, remove item, restore item, cancel the current edits, and so on. The user must also have data permissions for each return reason on the container. Without this permission, the user will not be allowed to edit any line item details, update qty, remove item, restore item, cancel the current edits, and so on. On JET Mobile, the user still needs this permission to create, confirm, edit info, and edit the RTV shipment transactions without container.
Edit Quantity	RTV Shipment	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Container permission as well as data permissions for each return reason on the container. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit RTV Container Info	RTV Shipment	With this permission, the user will be allowed to edit the container header details.
Edit RTV Shipment Attribute	RTV Shipment	With this permission, the user is allowed to add/remove the extended attributes. Without this permission, the user will not be able to add, edit and delete the extended attributes of an item inside the container.
Edit RTV Shipment BOL	RTV Shipment	With this permission, the user will be allowed to edit the shipment BOL details. Without this permission, the user will not be allowed to edit the shipment BOL details.
Edit RTV Shipment Info	RTV Shipment	With this permission, the user will be allowed to edit the shipment header details.
Edit Shipment CFA	RTV Shipment	With this permission, the user will be able to capture CFAs on an RTV shipment.
Submit RTV Shipment	RTV Shipment	With this permission, the user can submit RTV shipments. Without this permission, the user will not be able to submit RTV shipments.
View RTV Shipment BOL	RTV Shipment	With this permission, the user will be allowed to view the shipment BOL details. Without this permission, the user will not be allowed to view the shipment BOL details.
Access Role Maintenance	Security	User must have this permission for the Role Maintenance menu option to be available under Security in EICS.
Access Security	Security	With this permission the user will have access to the Security dialog in EICS.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Access User Maintenance	Security	User must have this permission for the User Assignment menu option to be available under Security in EICS.
Delete Role	Security	User must have this permission in order to delete roles.
Delete User	Security	User must have this permission in order to delete user profiles.
Edit User	Security	User must have this permission in order to assign roles and stores to a user.
Confirm Shelf Adjustment	Shelf Replenishment	With this permission, the user can confirm the shelf adjustment.
Confirm Shelf Replenishment	Shelf Replenishment	With this permission, the user can confirm the replenishment pick.
Create Scan List	Shelf Replenishment	With this permission, the user can create a new item scan list. User must also have data permissions for each scan list type to create a new scan list of that type.
Create Shelf Adjustment	Shelf Replenishment	With this permission, the user can create a new shelf adjustment.
Create Shelf Replenishment	Shelf Replenishment	With this permission, the user can create a new shelf replenishment pick. User must have the data permission for each shelf replenishment pick type to do this operation.
Default Shelf Replenishment Quantity	Shelf Replenishment	With this permission, the user can default the quantity on replenishment pick. The user must also have the Edit replenishment permission to do this operation.
Delete Scan List	Shelf Replenishment	With this permission, the user will be able to delete a scan list.
Delete Shelf Adjustment	Shelf Replenishment	With this permission, the user can delete the shelf adjustment.
Delete Shelf Replenishment	Shelf Replenishment	With this permission, the user can delete the shelf replenishment pick.
Edit Scan List	Shelf Replenishment	With this permission, the user will be able to edit and save the scan list.
Edit Scan List CFA	Shelf Replenishment	With this permission, the user will have the ability to capture CFAs for a Scan List.
Edit Scan List Quantity	Shelf Replenishment	With this permission, the user will be able to edit the quantity on the UI using the widget. User must also have the Edit Scan List permission to do this.
Edit Shelf Adjustment	Shelf Replenishment	With this permission, the user can edit and save the shelf adjustment.
Edit Shelf Adjustment CFA	Shelf Replenishment	With this permission, the user will have the ability to capture CFAs for a Shelf Adjustment.
Edit Shelf Adjustment Quantity	Shelf Replenishment	With this permission, the user can edit the quantity using the widget on the UI.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Shelf Replenishment	Shelf Replenishment	With this permission, the user will be able to edit the existing shelf replenishment pick.
Edit Shelf Replenishment CFA	Shelf Replenishment	With this permission, the user will have the ability to capture CFAs for Replenishment Pick List.
Edit Shelf Replenishment Quantity	Shelf Replenishment	With this permission, the user can edit the quantity using the quantity widget on the UI. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Replenishment Item Substitution	Shelf Replenishment	With this permission, the user can substitute the pick items. The user must also have the Edit replenishment permission to do this operation.
Access Quick Count	Stock Counts	With this permission, the user will have access to Quick count dialog in JET mobile application.
Access Stock Count	Stock Counts	With this permission, the user can access the Stock Counts dialog.
Access Stock Count Attribute	Stock Counts	With this permission, the user is allowed to view the extended attributes in the functional dialog.
Apply Late Sales	Stock Counts	With this permission, Apply Late Sales button will be available to the user in the Stock Count Authorization Detail screen.
Complete All Stock Count Children	Stock Counts	On JET mobile, with this permission, the user will be able to access the complete all option on the child stock count list to complete all the child stock counts under the master stock count.
Complete Child Stock Count	Stock Counts	With this permission, the user can complete the child stock count.
Confirm Authorization Stock Count	Stock Counts	With this permission, the user can confirm the authorization.
Create Ad Hoc Stock Count	Stock Counts	With this permission, the user can create a new adhoc stock count.
Delete Stock Count	Stock Counts	With this permission, the user can delete a stock count.
Edit Adhoc Stock Count	Stock Counts	With this permission, the user can edit the ad hoc stock count.
Edit Adhoc Stock Count Lock	Stock Counts	With this permission, the user will have the ability to enable and disable the Adhoc Stock count Lock for an adhoc stock count.
Edit Authorizatn Stock Count	Stock Counts	With this permission, the user can access the Stock count authorization dialog on the desktop. Ability to apply late sales.
Edit Stock Count Attribute	Stock Counts	With this permission, the user is allowed to add/remove the extended attributes.
Edit Stock Count CFA	Stock Counts	With this permission, the user will have the ability to capture CFAs in Stock Count and Recount.
Edit Stock Count Quantity	Stock Counts	With this permission, the user can edit the quantity using the quantity widget.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Unit Amount Stock Count	Stock Counts	With this permission, the user is allowed to do update for the stock counts that are of type unit and amount
Edit Unit Stock Count	Stock Counts	With this permission, the user can update the stock count of unit or problem line stock count types.
Recount Stock Count	Stock Counts	On Mobile, with this permission, when the user selects a stock count in the Stock Count List screen and the stock count is in 'Recount' status, the Recount Items screen will open in edit mode. Without this permission, the screen will open in view-only mode.
Rejected Item Stock Count	Stock Counts	With this permission, the user will have access to the Rejected Items dialog.
Snapshot Stock Count	Stock Counts	With this permission, the user is allowed to take a snapshot at the master stock count level.
Snapshot Stock Count Child	Stock Counts	With this permission, the user is allowed to take the snapshot at the child stock count level.
Stock Count Import Basket	Stock Counts	With this permission, the user will have the Import Item Basket footer menu option in the Bulk Scan screen within Stock Counts.
Update Authorization Quantity	Stock Counts	With this permission, the user can update the authorization quantity and default the last count quantity to authorized quantity while in the process of authorization.
View Variance	Stock Counts	With this permission, the user will be able to view the variance (difference) between the snapshot quantity and the total quantity counted during counting.
Access Store Orders	Store Order	With this permission, the user will have access to the Store Orders dialog as well as the Quick Order dialog.
Approve Store Orders	Store Order	With this permission, the user will be able to Approve a Store Order.
Cancel Submit Store Order	Store Order	This permission will be needed in order for the Cancel Submit option to be available in the footer menu of the Delivery Items screen.
Create Store Orders	Store Order	With this permission, the user will be able to create Store Orders.
Delete Store Orders	Store Order	With this permission, the user will be able to delete a Store Order.
Display Sales Forecast	Store Order	With this permission, the Sales Forecast on the Sales Data screen will be displayed.
Display Sales History	Store Order	With this permission, the Sales History on the Sales Data screen will be displayed.
Display Store Order Cost	Store Order	With this permission the Total Estimated Cost will be displayed on the Info screen in store orders. The unit cost will be displayed on the Store Orders Item Detail. The Refresh Cost button will be displayed in the Store Order Items footer menu.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Quantity	Store Order	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Store Orders permission. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit Store Order CFA	Store Order	With this permission, the user will be able to edit CFAs on the store order.
Edit Store Orders	Store Order	With this permission, the user will be able to edit active Store Orders.
Edit Submitted Status	Store Order	This permission will allow a user to edit a store order that is in 'submitted' status. Without this permission, 'submitted' status will be noneditable/view only.
Submit Store Order	Store Order	This permission will be needed in order for the Submit option to be available in the footer menu of the Store Order Items screen.
Access DCS Work Type	Technical Maintenance	With this permission, users will have access to the DCS Work Type screen in the desktop application.
Access Format Assignment	Ticketing	With this permission, the user is allowed to access the format assignment dialog in the desktop application.
Access Print Format	Ticketing	With this permission, the user is allowed to access the ticket print format dialog.
Access Ticket List	Ticketing	With this permission, the user can access the Ticket List.
Access Ticket Template Upload	Ticketing	With this permission, the user can access the Upload Ticket Templates screen to upload the ticketing layout.
Allow Override Ticket Price	Ticketing	With this permission, the user can override the ticket price on the ticket detail screen.
Create Format Assignment	Ticketing	With this permission, the user is allowed to create a new item basket based format assignment.
Create Ticket	Ticketing	With this permission, the user is allowed to create a new ticket in the ticketing dialog.
Delete Format Assignment	Ticketing	With this permission, the user is allowed to delete a format assignment.
Delete Ticket	Ticketing	With this permission, the user is allowed to delete a ticket in the ticketing dialog.
Delete Ticket Template	Ticketing	With this permission, the user is allowed to delete a ticket template screen.
Edit Format Assignment	Ticketing	With this permission, the user is allowed to edit an existing format assignment.
Edit Ticket	Ticketing	With this permission, the user can edit an existing ticket.
Print Ticket	Ticketing	With this permission, the user can print the tickets in the ticketing dialog.
Print Tickets from Container Items	Ticketing	With this permission, the user is allowed to generate and print tickets from the container items screen both in transaction and lookup

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Accept Transfer Request	Transfer	With this permission, the user will be able to accept a transfer request.
Access Transfer	Transfer	With this permission, a user will have access the transfers.
Access Transfer context	Transfer	With this permission, a user will be able to view the Context type details in a transfer.
Access Transfer Request	Transfer	With this permission, a user will have access to the Transfer dialog in the application
Allow Over Accepting Store to Store Transfer	Transfer	With this permission, the user will be allowed to accept quantity more than the Requested quantity in the Store to Store Transfer Request. Without this permission, the user will not be allowed to accept qty more than the Requested qty.
Allow Over Accepting Store to Warehouse Transfer	Transfer	With this permission, the user will be allowed to accept quantity more than the Requested quantity in the Store to WH Transfer Request. Without this permission, the user will not be allowed to accept qty more than the Requested qty.
Allow Over Accepting Store to Finisher Transfer	Transfer	With this permission, the user will be allowed to accept quantity more than the Requested quantity in the Store to Finisher Transfer Request. Without this permission, the user will not be allowed to accept qty more than the Requested qty.
Approve Transfer	Transfer	With this permission, the user will be able to approve a transfer. Without this permission, the user will not be able to approve a transfer.
Close Transfer	Transfer	With this permission, the user will be able to close a transfer.
Create Request	Transfer	With this permission, the user will be able to create a transfer request.
Create Transfer	Transfer	With this permission, the user will be able to create a transfer. Without this permission, the user will not be able to create a transfer.
Delete Request	Transfer	With this permission, the user will be able to delete a transfer request.
Delete Transfer	Transfer	With this permission, the user will be able to delete a transfer document.
Edit Quantity Transfer	Transfer	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. Without this permission, the quantity is not editable and only scanning is allowed.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Quantity Transfer Request	Transfer	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit Transfer	Transfer	With this permission, the user will be able to edit a transfer. Without this permission, the user will not be able to edit a transfer.
Edit Transfer Request	Transfer	With this permission, the user will be able to edit a transfer request.
Edit Transfer CFA	Transfer	With this permission, the user will be able to capture CFAs in transfer request documents.
Reject Transfer Request	Transfer	With this permission, the user will be able to reject a transfer request.
Request Transfer	Transfer	With this permission, the user will be able to submit a transfer request.
Access Quick Receiving	Transfer Receiving	With this permission, a user will have access to Transfer Quick Receiving.
Access Transfer Receiving	Transfer Receiving	With this permission, the user is allowed to view the extended attributes in the functional dialog.
Access Transfer Receiving Attribute	Transfer Receiving	With this permission, the user is allowed to view the extended attributes in the functional dialog.
Add Unexpected Item to Transfer Receiving	Transfer Receiving	With this permission, the user will be allowed to receive items that are not present in the original delivery. User must also have Edit Container permission. Without this permission, the user will not be allowed to receive items that are not present in the original delivery.
Adjust Container	Transfer Receiving	With this permission, the user will be able to bring back a confirmed container to editable status.
Allow Default Zero at Confirmation	Transfer Receiving	With this permission, the user will be able to confirm a transfer receipt with the option to set all non received items to zero. Without this permission, if there are any non received items on the container, the user will get a hard stop and not be able to confirm the delivery.
Allow Over Receiving Store to Store ASN	Transfer Receiving	With this permission, the user will be able to over receive an ASN from store to store..
Confirm Container	Transfer Receiving	On Mobile, with this permission, the Confirm menu option in the footer menu on the Container Items screen is available. Without this permission, the menu option is not displayed. On JET Mobile, the user still needs the Edit Container permission to confirm the transactions without container.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Confirm Empty Receipt	Transfer Receiving	With this permission, the user can confirm the transfer receiving delivery that does not contain any containers with items having received or damaged quantity.
Confirm Receipt	Transfer Receiving	With this permission, the user will be able to confirm a transfer delivery.
Create Container	Transfer Receiving	On Mobile, with this permission, the Create menu option in the footer menu on the Tsf Rcv Containers screen is available. Without this permission, the menu option is not displayed. On JET Mobile, the user still needs this permission for the transfer receiving without container transactions.
Default Qty in All Containers	Transfer Receiving	With this permission, the user will be able to default the expected qty in received qty field in all the containers.
Default Quantity in Container	Transfer Receiving	With this permission, the user will be able to default the expected qty in received qty field for the items in the container. User must also have Edit Container permission.
Delete Container	Transfer Receiving	With this permission, the user will be able to delete a container.
Display Expected Qty	Transfer Receiving	With this permission, the user will be able to view Expected Qty of an item in the containers.
Edit Container	Transfer Receiving	On Mobile, with this permission, the user is able to edit an existing container for a transfer receipt. Without this permission, the container is view-only. On JET Mobile, for without container transactions, the user still needs this permission to create, edit, and confirm the transfer receiving transactions.
Edit Container CFA	Transfer Receiving	With this permission, the user will be allowed to capture CFAs in the containers of transfer deliveries.
Edit Container Info	Transfer Receiving	With this permission, the user will be allowed to edit the container header details.
Edit Delivery CFA	Transfer Receiving	With this permission, the user will be allowed to capture CFAs in the transfer deliveries.
Edit Quantity	Transfer Receiving	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Container permission. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit Receiving Info	Transfer Receiving	With this permission, the user will be able to edit the header details of a transfer delivery
Edit Transfer Receiving Attribute	Transfer Receiving	With this permission, the user is allowed to add/remove the extended attributes.
Misdirected Container	Transfer Receiving	With this permission, the user will be allowed to copy the items from a misdirected container.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Receive On Shop Floor	Transfer Receiving	With this permission, the user will be able to receive the container on the shopfloor. User must also have Edit Container Info permission. Without this permission, user will not be able to receive the container on the shopfloor.
Record Receipt Damages	Transfer Receiving	With this permission, the user will be able to receive damaged items in a transfer delivery.
Access Transfer Shipment Attribute	Transfer Shipment	On Mobile, with this permission, the Attributes screen can be accessed in transfer shipment Without this permission, the Attributes screen is not displayed.
Access Shipment	Transfer Shipment	With this permission, a user will have access to the Transfer Shipment dialog for the user in the application.
Add Items with No Document	Transfer Shipment	With this permission, the user will be allowed to create an adhoc document through Shipments and add items to it. This controls the visibility of 'No document' button on the Select Document screen. Without this permission, the user will not be allowed to create an adhoc document through shipments and add items to it.
Access Transfer Shipment Context Type	Transfer Shipment	With this permission, the user will be able to edit Context Type. Without this permission, the field is view only.
Add Unexpected Item to Transfer Shipment	Transfer Shipment	With this permission, the user will be allowed to add items that are not present in the Transfer Document, into the shipment. User must also have Edit Container permissions. Without this permission, the user will not be allowed to add items that are not present in the Transfer document, into the shipment.
Adjust Carrier	Transfer Shipment	With this permission, the user will be able to update the BOL details of a shipment even after at least one container has been confirmed. Without this permission, the user will not be able to update the BOL details of a shipment after at least one container has been confirmed.
Adjust Container	Transfer Shipment	With this permission, the user will be allowed to bring the container back to editable status.
Allow Create Multiple Containers	Transfer Shipment	With this permission, user will be able to create more than one container during shipment. **Only on JET mobile.
Allow dispatch without Fiscal Document ID	Transfer Shipment	With this permission, the user will be able to dispatch the shipment without the Fiscal Doc ID/E-way bill ID being available
Allow Modify Default Container method	Transfer Shipment	With this permission, the user will be able to modify the shipping method(with container or without container). The Container option field will be editable for the user with this permission. **This is for JET mobile only.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Allow Over shipping from Store to Store	Transfer Shipment	With this permission, the user will be allowed to ship more than the remaining quantity for an item in a Store to Store transfer document. Without this permission, the user will not be allowed to ship more than the remaining quantity for an item in a Store to Store transfer document. **This is for JET mobile only.
Allow Over shipping from Store to Finisher	Transfer Shipment	With this permission, the user will be allowed to ship more than the remaining quantity for an item in a Store to Finisher transfer document. Without this permission, the user will not be allowed to ship more than the remaining quantity for an item in a Store to Finisher transfer document. **This is for JET mobile only.
Allow Over shipping from Store to Warehouse	Transfer Shipment	With this permission, the user will be allowed to ship more than the remaining quantity for an item in a Store to Warehouse transfer document. Without this permission, the user will not be allowed to ship more than the remaining quantity for an item in a Store to Warehouse transfer document. **This is for JET mobile only.
Cancel Submit Shipment	Transfer Shipment	With this permission, the user can cancel submit Transfer shipments.
Confirm Container	Transfer Shipment	On Mobile, with this permission, the Confirm menu option in the footer menu on the Container Items screen is available. Without this permission, the menu option is not displayed. On JET Mobile, the user still needs the Edit Container permission to confirm the transactions without container.
Create Shipment	Transfer Shipment	With this permission, the user can create shipments for Transfer documents. Without this permission, the user will not be able to create shipments for Transfer documents.
Delete Container	Transfer Shipment	With this permission, the user can delete containers in the shipments.
Delete Shipment	Transfer Shipment	With this permission, the user can delete transfer shipments.
Dispatch Shipment	Transfer Shipment	With this permission, the user can dispatch shipments.
Edit Container	Transfer Shipment	On Mobile, with this permission, the user is able to edit an existing container for a transfer shipment. Without this permission, the container is view-only. On JET Mobile, the user still needs this permission to edit and confirm the transactions that are without container.
Edit Transfer Shipment Attribute	Transfer Shipment	With this permission, the user is allowed to add/remove the extended attributes.

Table 7-3 (Cont.) Security Permissions

Permission	Topic	Usage
Edit Container CFA	Transfer Shipment	With this permission, the user will be able to capture CFAs in the containers of transfer shipments.
Edit Container Info	Transfer Shipment	With this permission, the user will be allowed to edit the container header details.
Edit Quantity	Transfer Shipment	With this permission, the user will be able to tap on the item quantity and the quantity widget will open to edit the quantity. User must also have Edit Container permission. Without this permission, the quantity is not editable via the manual dialog and only scanning is allowed.
Edit Shipment BOL	Transfer Shipment	With this permission, the user will be allowed to edit the shipment BOL details.
Edit Shipment CFA	Transfer Shipment	With this permission, the user will be able to capture CFAs in transfer shipments.
Edit Shipment Info	Transfer Shipment	With this permission, the user will be allowed to edit the shipment header details.
Override Exclude Shipping Network	Transfer Shipment	With this permission, user will be able to override Shipping Network exclusion and will be able to dispatch to the stores that are not in the network.
Select Container Document	Transfer Shipment	With this permission, the user will be allowed to select transfer documents to be added to the shipment. User must also have Edit Container permission.
Submit Shipment	Transfer Shipment	With this permission, the user can submit shipments.
Create UIN on the Fly	UIN	With this permission, the user is allowed to create a UIN on the fly when creating an inventory adjustment using a reason code of Disposition Movement from Out (Dist) to Available to Sell (ATS) = UIN Status in Stock. User must also have Edit Inventory Adjustment permission as well as data permissions for each adjustment reason on the adjustment.

Data Permissions

Data permissions need to be created for the following:

Table 7-4 Data Permissions

Type	Value
Transaction Type	Transfer
Transaction Type	Transfer Shipment
Transaction Type	Transfer Receiving
Transaction Type	RTV
Transaction Type	RTV Shipment
Transaction Type	DSD Receiving

Table 7-4 (Cont.) Data Permissions

Transaction Type	Item Request
Transaction Type	Stock Count
Transaction Type	Inventory Adjustment
Transaction Type	Shelf Replenishment
Transaction Type	Customer Order
Transaction Type	Customer Order Pickup
Transaction Type	Customer Order Delivery
Transaction Type	Customer Order Reverse Pick
Product Group Type	Item Request
Product Group Type	Shelf Replenishment
Product Group Type	Unit
Product Group Type	Unit and Amount
Product Group Type	Wastage
Product Group Type	Problem Line
Product Group Type	Auto Ticket Print
Product Group Type	Auto Inventory Adjustment
Role Type	Corporate
Role Type	Store
RTV Reason Code	Supplier - Unavailable Inventory
RTV Reason Code	Supplier - Overstock
RTV Reason Code	Supplier - Externally Initiated
RTV Shipment Reason Code	Supplier - Unavailable Inventory
RTV Shipment Reason Code	Supplier - Overstock
RTV Shipment Reason Code	Supplier - Externally Initiated
Transfer Shipment Reason Code	Warehouse - Unavailable Inventory
Transfer Shipment Reason Code	Warehouse - Overstock
Transfer Shipment Reason Code	Warehouse - Externally Initiated
Transfer Shipment Reason Code	Finisher - Overstock
Transfer Shipment Reason Code	Finisher - Unavailable Inventory
Transfer Shipment Reason Code	Finisher - Externally initiated
Transfer Shipment Reason Code	Store - Unavailable Inventory
Transfer Shipment Reason Code	Store - Overstock
Transfer Shipment Reason Code	Store - Externally Initiated
Transfer Shipment Reason Code	Warehouse - Stolen
Transfer Shipment Reason Code	Finisher - Stolen
Transfer Shipment Reason Code	Store - Stolen
Inventory Adjustment Reason Code	Wastage
Inventory Adjustment Reason Code	Damaged - Out
Inventory Adjustment Reason Code	Damaged - Hold
Inventory Adjustment Reason Code	Theft

Table 7-4 (Cont.) Data Permissions

Inventory Adjustment Reason Code	Store Use
Inventory Adjustment Reason Code	Repair - Out
Inventory Adjustment Reason Code	Repair - In
Inventory Adjustment Reason Code	Charity
Inventory Adjustment Reason Code	Stock Count In
Inventory Adjustment Reason Code	Stock Count Out
Inventory Adjustment Reason Code	Dispose from on Hold
Inventory Adjustment Reason Code	Dispose from SOH
Inventory Adjustment Reason Code	Stock - Hold
Inventory Adjustment Reason Code	Admin
Inventory Adjustment Reason Code	Store Customer Return
Inventory Adjustment Reason Code	Product Transformation In
Inventory Adjustment Reason Code	Product Transformation Out
Inventory Adjustment Reason Code	Consignment
Inventory Adjustment Reason Code	Ready to Sell
Inventory Adjustment Reason Code	Unit Late Sales Decrease SOH
Inventory Adjustment Reason Code	Unit and Amount Late Sales Decrease SOH
Inventory Adjustment Reason Code	Unit and Amount Late Sales Increase SOH
Inventory Adjustment Reason Code	Unit Late Sales Increase SOH
Inventory Adjustment Reason Code	Customer Order Reservations - In
Inventory Adjustment Reason Code	Customer Order Reservations - Out
Inventory Adjustment Reason Code	Stock Count Unavailable To Missing
Inventory Adjustment Reason Code	Shrinkage
Inventory Adjustment Reason Code	Stock In
Inventory Adjustment Reason Code	Stock Out
Inventory Adjustment Reason Code	Unit Late Inventory Adjustment Increase SOH
Inventory Adjustment Reason Code	Unit Late Inventory Adjustment Decrease SOH
Inventory Adjustment Reason Code	Unit and Amount Late Inventory Adjustment Increase SOH
Inventory Adjustment Reason Code	Unit and Amount Late Inventory Adjustment Decrease SOH
Inventory Adjustment Reason Code	Receipt - Hold
Inventory Adjustment Reason Code	Stolen
Item Basket Type	Investigation
Item Basket Type	Gift Registry
Item Basket Type	Line Bust
Counting Method	Third Party
Scan Lit Type	Display
Scan Lit Type	Gap
Shelf Replenishment Type	Adhoc
Shelf Replenishment Type	Capacity

Table 7-4 (Cont.) Data Permissions

Shelf Replenishment Type	Sales
Shelf Replenishment Type	Display
Shelf Adjustment Type	Ad-hoc Replenishment
Shelf Adjustment Type	Back-room Adjust
Shelf Adjustment Type	Shop-floor Adjust
Shelf Adjustment Type	Display List
Display List Diff Types	Diff1
Display List Diff Types	Diff2
Display List Diff Types	Diff3
Display List Diff Types	Diff4
Container Items Limited To	None
Container Items Limited To	Department
Container Items Limited To	Class
Container Items Limited To	Subclass
Location Type	Store
Location Type	Finisher
Location Type	Warehouse
Location Type	Supplier
Print Format Type	Customer Order
Print Format Type	Customer Order Bin Label
Print Format Type	Customer Order BOL
Print Format Type	Customer Order Delivery
Print Format Type	Customer Order Pick
Print Format Type	Customre Order Pick Discrepancy
Print Format Type	Customer Order Reverse Pick
Print Format Type	Direct Delivery
Print Format Type	Direct Delivery AGSN
Print Format Type	Direct Delivery Discrepant Item
Print Format Type	Direct Delivery Label
Print Format Type	Inventory Adjustment
Print Format Type	Inventory Adjustment AGSN
Print Format Type	Item Basket
Print Format Type	Item Detail
Print Format Type	Purchase Order
Print Format Type	RFID History
Print Format Type	RTV
Print Format Type	RTV Shipment
Print Format Type	RTV Shipment BOL
Print Format Type	RTV Shipment Container
Print Format Type	RTV Shipping Label

Table 7-4 (Cont.) Data Permissions

Print Format Type	Scan List
Print Format Type	Shelf Adjustment
Print Format Type	Shelf Replenishment
Print Format Type	Stock Count All Location
Print Format Type	Stock Count Detail
Print Format Type	Stock Count Export
Print Format Type	Stock Count Rejected Item
Print Format Type	Transfer
Print Format Type	Transfer Receiving
Print Format Type	Transfer Receiving AGSN
Print Format Type	Transfer Receiving Exception
Print Format Type	Transfer Receiving Label
Print Format Type	Transfer Shipment
Print Format Type	Transfer Shipment BOL
Print Format Type	Transfer Shipment Container
Print Format Type	Transfer Shipping Label
Transfer Destination Type	Store
Transfer Destination Type	Warehouse
Transfer Destination Type	Finisher
Store Order Delivery Timeslot	Defined in EICS Delivery Timeslot admin
Departments	Departments in system

A

Appendix: Report Formats

Reports

Table A-1 Reports

Report Name	Report Parameters
Figure A-1	pick_id, copies
Figure A-2	delivery_id, store_timezone, locale_id, copies
Figure A-3	delivery_id, store_timezone, locale_id, copies
Figure A-4	pick_id, store_timezone, locale_id, copies
Figure A-5	pick_id, store_timezone, locale_id, copies
Figure A-6	order_id, store_timezone, locale_id, copies
Figure A-7	reverse_pick_id, store_timezone, locale_id, copies
Figure A-8	receipt_id, store_timezone, locale_id, copies
Figure A-9	receipt_id, store_timezone, copies
Figure A-10	Inv_Adjust_ID, copies
Figure A-11	inv_adj_id, store_timezone, copies
Figure A-12	Item_basket_id, store_timezone, locale_id, copies
Figure A-13	itemid, storeid, store_timezone, locale_id, copies
Figure A-14	purchase_order_id, store_timezone, locale_id, copies
Figure A-15	replenish_gap_id, copies, store_timezone, locale_id
Figure A-16	item_id, from_date, to_date, locale_id, copies
Figure A-17	return_id, store_timezone, locale_id, copies
Figure A-18	shelf_adjust_id, store_timezone, locale_id, copies
Figure A-19	shelf_replenish_id, store_timezone, locale_id, copies
Figure A-20	store_id, stock_count_id, copies
Figure A-21	stock_count_id, copies
Figure A-22	stock_count_id, store_id, copies
Figure A-23	stock_count_id, stock_count_child_id, phase, store_timezone, locale_id, copies
Figure A-24	store_order_id, store_timezone, locale_id
Figure A-25	carton_ID, copies
Figure A-26	delivery_id, store_timezone, locale_id, copies
Figure A-28	carton_id, locale_id,
Figure A-29	delivery_id , store_timezone, locale_id, , copies
Figure A-31	transfer_id, store_timezone, locale_id, copies

Table A-1 (Cont.) Reports

Report Name	Report Parameters
Figure A-32	shipment_id, store_timezone, locale_id, copies
Figure A-34	carton_id, store_timezone, locale_id, copies
Figure A-35	shipment_id, store_timezone, locale_id, copies
Figure A-37	carton_id, locale_id
Figure A-38	carton_id, copies
Figure A-39	carton_id, locale_id
Figure A-40	ship_number, store_timezone, locale_id, copies
Figure A-42	carton_id, store_timezone, locale_id, copies
Figure A-43	ship_number, store_timezone, locale_id, copies
Figure A-45	carton_id, locale_id, copies

Report Formats

The following section describes the report formats.

Figure A-1 Customer Order Bin Label Report

BIN List

BIN 43

Customer Order ID : CO63536
Fulfillment Order ID : CO15751
Store Customer Order ID : 1061


100000147 100000147_SD
Quantity 1


Figure A-2 Customer Order Delivery BOL Report

Customer Order Delivery BOL Report						
BOL ID:	1158	Create Date:	05/06/2017			
Delivery ID:	274					
Customer Order ID:	New					
Item	Description	Substitute	UOM	Qty	Price	Amount
SRU_107	SRU_107		EA	3	125	375
Delivery Charge					USD\$ 99	
Total Lines					1	
Legalized Price Print						
Comments						

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Figure A-3 Customer Order Delivery Report

Customer Order Delivery Report						
Customer Order Id:	CO90828					
Reservation Type:	Web Order					
Status:	Completed					
Release Date:	05/28/2022					
Delivery Date:	05/30/2022					
Dispatch User:	EXTERNAL					
Create User:	EXTERNAL					
Comments:						
Item	Description	UOM	Ordered	Delivered	Canceled	Substitute
100050056	100050056_SD	EA	1	1	0	

Figure A-4 Customer Order Pick Discrepancy Report

Customer Order Pick Discrepancy Report

Store:	1511 - Phoenix	Pick Create Date:	12/19/2017
Pick ID:	1086	Pick Create User:	QAADMIN
Pick Status:	In Progress		

Item	Description	Store Customer Order ID	Bin ID	Fulfillment ID	UOM	Pack Size	Old Pick Qty	Adjusted Pick Qty
100005016	Signal booster	301	142	LG1	EA	1	2	0

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Figure A-5 Customer Order Pick Report

Customer Order Pick Report									
Store:	1111 - Charlotte *	Pick Create Date:	12/19/2017						
Pick ID:	1087	Pick Create User:	qaadmin						
Pick Status:	New	Pick Complete Date:							
		Pick Complete User:							

Item	Description	Store Customer Order ID	Bin ID	Fulfillment ID	UOM	Pack Size	Suggested Pick Qty	Actual Pick Qty	Substitute
100005016	Signal booster	1486		PERF_CUS_E XT1486	EA	1	10		

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Figure A-6 Customer Order Report

Customer Order Report									
Store:	1311	Create Date:	04-20-2022		Delivery Type:	Ship To Customer			
Store Customer Order Id:	21	Release Date:	03-30-2022		Carrier:	Other			
Customer Order Id:	Pick3	Delivery Date:	04-01-2022		Service:				
Fulfillment Order Id:	Pick3	Allow Partial Delivery:	Yes						
Status:	Canceled								
Reservation Type:	Web Order								
Comments:	Testing the External Comments. Do they work?								

Item	Description	UOM	Order Qty	Picked Qty	Delivered Qty	Canceled Qty	Last Update Date	Comments	Substitute
100000147	100000147_SD	EA	2	0	0	2	05-30-2022	Test comments.	

Figure A-7 Customer Order Reverse Pick Report

Customer Order Reverse Pick Report									
Store: 1311 Reverse Pick ID: 61 Store Customer Order ID: 77 Customer Order ID: CO26621 Fulfillment Order ID: CO15217 Create User: siocssysop-qa20 Order Status: Canceled Reverse Pick Status: Completed Reservation Type: Web Order Reverse Pick Create Date: 05/31/2022 Comments:									
Item	Description	UOM	Order Qty	Picked Qty	Delivered Qty	Canceled Qty	Sugg. Reverse Qty	Qty	Substitute
100050056	100050056_SD	EA	1	0	0	1	1	1	

Figure A-8 Direct Delivery Discrepant Items Report

Direct Delivery Discrepant Items Report

Supplier: 6100 - Local Grocery Supplier #2
Store: 1141 - Nashville
Delivery/ASN: DQ3
PO Number: 23456 ;

Container ID: 220						
Status: Received						
Item	Description	UOM	Pack Size	Expected	Quantity	Disposition
100350059	ncg item	LB	1	7	2	Damaged
100350059	ncg item	LB	1	7	2	Damaged
Totals:				14.00	4.00	

Driver Signature:

Employee Signature:

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Figure A-9 Direct Delivery Report

DSD Receiving Report								
Receipt ID:	727							
Receipt Date:	04/01/2024							
Supplier:	6200 - sim_6200							
Store:	1311 - Chicago*							
Delivery/ASN:	D010							
PO Number:	PO1 ; PO2							
Status:	Received							
Invoice:								
Invoice Date:								
Create User:	EXTERNAL							
Received User:	<anonymous>							
Notes:								
Container ID: 723								
Container Status: Missing								
External ID: C10PO1								
Item	Description	VPN	UOM	Pack Size	Expected	Received	Damaged	Unit Cost
100000147	100000147_SD	9876	EA	1	5	0	0	10 USD
Totals					5.00	0.00	0.00	

Figure A-10 Inventory Adjustment AGSN Report

AGSN Label Report	
SKU : 100000059	AGSN : 101
■■■	
SKU : 100000059	AGSN : 102
■■■	
SKU : 100000059	AGSN : 103
■■■	
SKU : 100000059	AGSN : 104
■■■	
SKU : 100000059	AGSN : 105
■■■	
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Figure A-11 Inventory Adjustment Report

Inventory Adjustment Report					
Store:	1311				
Adjustment Id:	105				
Create Date:	09/26/2023 12:29:19				
Create User:	sim_qa3				
Approval Date:					
Approval User:					
Status:	invAdjustStatus inProgress				
Comment:	WS Auto testing				
Notes:	09/26/2023 07:24 marmont 2nd note 09/26/2023 07:07 marmont 1st note				
Context:	601				

Item	Description	UOM	Pack Size	Quantity	Reason
100000147	100000147_SD	uomM ode.ca ses	1	2	invAdjReason 1

Figure A-12 Item Basket Report

Item Basket Report	
Basket ID :	2041
Alternate ID:	
Basket Description:	to test
Status:	In Progress
Basket Type:	Gift Registry
Create User:	sim_qa3
Notes:	07/04/2022 06:28 sim_qa3 Adding note to test Quickwins Story

Figure A-13 Item Detail Report

Item Report					
Item	SIM_800	Item Description	SIM_800	Ranged	Yes
Primary UPC		Primary Supplier Name	Fine Jewelry Supplier	Merchandise Hierarchy	
VPN		Primary Supplier Number	1300	Dept	dept5600
Item Status	Active	Ticket Type		Class	class5601
				Subclass	subclass5602
				Differentiators:	
Stock on Hand Units:		Ordering Attributes:		Pricing:	
Total Stock on Hand	0	Repl Method		Current Retail	USD100
Pack Size		Reject Store Order	No	Pricing Status	Permanent
Available SOH	0	Next Delivery Date	null	Promotional Type	
Shop Floor					
Back Room	0				
Unavailable	0				
Transfer Reserved	0				
RTV Reserved	0				
Ordered Quantity	0				
Delivery Bay	0				
In Transit	0				
Received Today	0				
Allocations:					
Sequencing:					

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Figure A-14 Purchase Order Report

Purchase Order Report

Not Before Date:
 Not After Date:
 Supplier: 1200 - Fashion Importer (Euro)
 PO Number:
 To Location: 1141 - Nashville
 Status: Completed

<u>Item</u>	<u>Descripti on</u>	<u>UO M</u>	<u>Pack Size</u>	<u>Expected</u>	<u>Received</u>	<u>Unit Cost</u>
SIM_125	SIM_125	LB	12	0	8	
Totals:				0.00	8.00	

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Figure A-15 Replenishment Gap Report

Scan List Report

Store: 1311 - Chicago*
ID: 63
Type: Gap
Create Date/Time: 05/30/2022
Update Date/Time: 05/30/2022
User: sim_rib
Status: In Progress
Notes: 06/15/2022 05:56 sim_qa3 quick wins more 1

Item	Description	UOM	Pack Size	Quantity
100050056	100050056_SD	Cases	1	1

Figure A-16 RFID History Report

RFID History Report

Item 100050056 - ST - Test Item

Date: 08/14/2019

EPC: EPC95278

<u>Zone</u>	<u>Location</u>	<u>Transaction Type</u>	<u>Transaction ID</u>	<u>Observed</u>
	Store 1311	POS Sale	1462	No

Date: 08/14/2019

EPC: 854126

<u>Zone</u>	<u>Location</u>	<u>Transaction Type</u>	<u>Transaction ID</u>	<u>Observed</u>
61	Store 1311	RFID	761	Yes

Date: 08/14/2019

EPC: 980403

<u>Zone</u>	<u>Location</u>	<u>Transaction Type</u>	<u>Transaction ID</u>	<u>Observed</u>
404	2	RFID	762	Yes

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Figure A-17 RTV Report

RTV Report									
RTV Number:	1584								
External ID:	1								
Authorization Number:	RTVREG1								
Status:	Canceled Request								
User:	EXTERNAL								
Not After Date:	11/25/2017								
Approved Date:	11/23/2017								
Supplier:	1200								
Total SKUs:	2								
Return Type:									
Item	Description	UOM	Pack Size	Reason Code	Req Qty	App Qty	Rem Qty	In-Ship Qty	Shipped Qty
SIM_125	SIM_125	Cases	1	Externally Initiated	2	2	2	0	
SIM_126	SIM_126 Short Desc	EA	1	Overstock	2				
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Figure A-18 Shelf Adjustment Report

Shelf Adjustment List Report				
Store:	1311 - Chicago*			
ID:	21			
Type:	Update Backroom			
Create Date/Time:	2022-04-27T09:26:41.000+00:00			
Update Date/Time:	2022-07-06T11:07:17.000+00:00			
User:	sim_qa3			
Status:	In Progress			
Notes:	07/06/2022 06:05 sim_qa3 This is update backroom			
Item	Description	UOM	Pack Size	Quantity
100000147	100000147 SD	Cases	1	1

Figure A-19 Shelf Replenishment Report

Shelf Replenishment Report

Store: 1311 - Chicago*
ID: 3
Shelf Replenishment Type: Gap
Replenishment mode:
Product Group:
Hierarchy:
Scan List:
Create Date/Time: 05/30/2022
User: siocssysop-qa20
Status: New
Quantity: 1
Notes: 06/15/2022 05:50 sim_qa3 New notes for quick wins story

Item	Description	Pick From Area	Type	Selling UOM	Pack Size	Quantity	Actual Quantity
100050056	100050056_SD	Backroom	Gap		1	1	

Figure A-20 Stock Count All Location Report

All Location Stock Count Report

Description: 125126 140
Date: 10/22/2017
Total Items: 1
Stock Count User:
Re-Count User:
Authorization User:

Item	Item Description	Location	UOM	Count
SIM_140	SIM_140	No Location	EA	

Description: 125126 140
Date: 10/22/2017
Total Items: 2
Stock Count User:
Re-Count User:
Authorization User:

Item	Item Description	Location	UOM	Count
SIM_125	SIM_125	Back Room1	LB	
SIM_126	SIM_126 Short Desc	Back Room1	EA	

Description: 125126 140
Date: 10/22/2017
Total Items: 2
Stock Count User:
Re-Count User:
Authorization User:

Item	Item Description	Location	UOM	Count
SIM_125	SIM_125	Shop Floor1	LB	
SIM_126	SIM_126 Short Desc	Shop Floor1	EA	

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Figure A-21 Stock Count Export Report [XML Format]

```
<STOCK_COUNT_EXPORT>

  <STOCK_COUNT>
    <COUNT_ID>662</COUNT_ID>
    <STORE_ID>1511</STORE_ID>
    <DESCRIPTION>125126 140</DESCRIPTION>
    <LIST_STOCK_COUNT_LINE_ITEM>

      <STOCK_COUNT_LINE_ITEM>
        <ITEM_ID>SIM_126</ITEM_ID>
        <ITEM_DESC>SIM_126 Short Desc</ITEM_DESC>
        <ITEM_SNAPSHOT></ITEM_SNAPSHOT>
        <LIST_UINS>
          <UINS>

            <UIN/>
          </UINS>
        </LIST_UINS>
      </STOCK_COUNT_LINE_ITEM>
      <STOCK_COUNT_LINE_ITEM>
        <ITEM_ID>SIM_125</ITEM_ID>
        <ITEM_DESC>SIM_125</ITEM_DESC>
        <ITEM_SNAPSHOT></ITEM_SNAPSHOT>
        <LIST_UINS>
          <UINS>

            <UIN/>
          </UINS>
        </LIST_UINS>
      </STOCK_COUNT_LINE_ITEM>
      <STOCK_COUNT_LINE_ITEM>
        <ITEM_ID>SIM_140</ITEM_ID>
        <ITEM_DESC>SIM_140</ITEM_DESC>
        <ITEM_SNAPSHOT></ITEM_SNAPSHOT>
        <LIST_UINS>
          <UINS>

            <UIN/>
          </UINS>
        </LIST_UINS>
      </STOCK_COUNT_LINE_ITEM>

    </LIST_STOCK_COUNT_LINE_ITEM>
  </STOCK_COUNT>
</STOCK_COUNT_EXPORT>
```

Figure A-22 Stock Count Rejected Item Report

Rejected Items Report

Stock Count Description: Nithin Stk Cnt
 Stock Count Group: 41
 Schedule Date: 1/8/14
 Total Rejected Items: 1

SIM Item Id	Item Description	Rejected Item ID	Rejected UIN	Count Quantit y	Count Location	Status	Comments
		100177107		1		Item Reject ed	

Stock Count Description: TEST Schedule
 Stock Count Group: 141
 Schedule Date: 11/1/13
 Total Rejected Items: 5

SIM Item Id	Item Description	Rejected Item ID	Rejected UIN	Count Quantit y	Count Location	Status	Comments
		100000657		2		Item Not On Count	
		100006021		2		Item Not On Count	
		1000006021		1		Item Reject ed	

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Figure A-23 Stock Count Report

Stock Count Report

Stock Count ID: 1021
Stock Count Child ID: 1021
Description: Add_Notes : No Location
Status: Authorize - Completed
Total Items: 1
Stock Count User: sim_qa3
Re-Count User:
Notes: 06/14/2022 02:23 siocssysop-qa20 Add notes for different user
 syaop
 06/14/2022 01:32 sim_qa3 Notes in authorization status
 06/14/2022 01:13 sim_qa3 Notes3
 06/14/2022 01:13 sim_qa3 Note 2
 06/14/2022 01:12 sim_qa3 Added new notes for quickwin testing

Item	Description	UOM	Counted	Start Date
100000147	100000147_SD	EA	1	06/14/2022 01:32:02 AM

Figure A-24 Store Order Report

Store Order Report

Store ID: 3111 - Montreal*
ID: 1
Reference ID:
External ID:
Description: IshTest External Store Order
Status: New
Context:
Origin: External
Notes: 06/20/2022 12:54 sim_qa3 Notes for quickwins

Requested Date:
Create Date: 09/21/2023
Approved Date:
Auto Approval Date:
Created User: 15000
Approved User:
Total Quantity:

Restrictions
Supplier: -
Warehouse: -
Department: -
Class: -
Sub-Class: -
Area: -
Store Order Items: Yes

Custom Flexible Attributes

:
 :
 :

Item	Description	UOM	External Quantity	Quantity	Delivery Slot
100020606	100020606_SD	Units	10		Morning

Figure A-25 Transfer Delivery AGSN Report

AGSN Label Report
SKU : 100000059 AGSN : 1906 ■■■■
SKU : 100000059 AGSN : 1907 ■■■■
SKU : 100000059 AGSN : 1908 ■■■■
SKU : 100000059 AGSN : 1909 ■■■■
SKU : 100000059 AGSN : 1910 ■■■■
SKU : 100000059 AGSN : 1911 ■■■■
SKU : 100000059 AGSN : 1912 ■■■■
SKU : 100000059 AGSN : 1913 ■■■■
SKU : 100000059 AGSN : 1914 ■■■■
Printed: 10/3/2018 Page Number: 1

Figure A-26 Transfer Delivery Exception Report

With Container

Transfer Receiving Exception Report

Source: 1311 - Chicago*
 Destination: 1321 - Indianapolis
 Source Type: Store
 Delivery/ASN: 546
 Status: New
 Expected Date: 06/28/2017

Container ID : 000132132011 Status: New							
Item	Description	UOM	Pack Size	Expected	Received	Damaged	Difference
SIM_3	SIM_3	Cases	1	1	0	0	1

Printed: 1/3/2016 Page Number: 1

Figure A-27 Transfer Delivery Exception Report (without Containers)

Transfer Receiving Exception Report

Source: 1111 - Charlotte *
 Destination: 1421 - Portland
 Source Type: Store
 Delivery/ASN: 42
 Status: Received
 Expected Date: 09/28/2023

Item	Description	UOM	Pack Size	Expected	Received	Damaged	Difference
100020611	100020611_SD	Cases	1	8	0	0	-8

Printed: 7/16/2024 Page Number: 1

Figure A-28 Transfer Delivery Label

From Chicago* 123 Street Anytown Anycity MN 50250 US		To Indianapolis 123 Street Anytown Anycity MN 50250 US	
(420) 50250 		Label Type TRANSFR	
Label Reason : Reprint Reference Container Id : Number Of Items : 1		Dept #S 5555	
Store (01) 1321 		Store 1321	
SSCC -18  000132132011			

Figure A-29 Transfer Delivery Report

With Container

Transfer Receiving Report							
Transfer Receipt ID:		181					
Source:		1111 - Charlotte *					
Destination:		1311 - Chicago*					
Source Type:		Store					
Delivery/ASN:		301					
Status:		New					
Expected Date:		05/24/2022					
Received Date:							
Create User:		sim_qa3					
Received User:							
Notes:		06/14/2022 02:32 siocssysop-qa20 adding new notes					
Container ID : 000000013110015019 Status: New							
Item	Description	UOM	Pack Size	Expected	Received	Damaged	Out of Stock
100000147	100000147_ SD	Cases	1	5	0	0	

Figure A-30 Transfer Delivery Report (without Container)

Transfer Receiving Report							
Transfer Receipt ID:		22					
Source:		1111 - Charlotte *					
Destination:		1421 - Portland					
Source Type:		Store					
Delivery/ASN:		42					
Status:		Received					
Expected Date:		09/28/2023					
Received Date:		09/29/2023					
Create User:		marmonta					
Received User:		<anonymous>					
Notes:							
Item	Description	UOM	Pack Size	Expected	Received	Damaged	Out of Stock
100020611	100020611_ SD	Cases	1	8	0	0	Yes

Figure A-31 Transfer Report

Transfer Report

Transfer ID: 241

External ID:

No of Items: 1

Not After Date: 23-JUN-22

Unavailable: Yes

Customer Order Id:

Context Type:

Status: Completed

Approved Date: 24-MAY-22

Partial Delivery: Yes

Fulfillment Order Id:

Context Value:

Source Type: Store

Source: 1321 - Indianapolis

Request User: sim_qa3

Destination Type: Store

Destination: 1311 - Chicago*

Approval User: sim_qa3

Transfer Receipt ID	ASN	Delivery Status	Expected Date	Received Date	Shipment ID	Ship Date	Shipment Status
161	281	New	05/24/2022		281	05/24/2022	Shipped

Item	Description	UOM	Requested	Approved	In-Shipping	Shipped	Received	Damaged

Figure A-32 Transfer Shipment BOL Report

With Container

Transfer Shipment BOL Report			
ASN: 561		Barcode: ■■■■	
BOL ID: 723		Shipment ID: 561	
Create Date: 2017-06-29		Create User: qa_007	
Sender 3111 - Montreal* 123 Street Anytown Anycity MN 50250 US		Receiver 3112 - Quebec 123 Street Anytown Anycity MN 50250 US	
Ship From 123 Street Anytown Anycity , MN 50250 US		Ship To Quebec 123 Street Anytown Anycity, MN 50250 US 3122222473	
Carrier ◇ Sender ◇ Receiver ◇ Third Party Carrier Name: Parcel Test Carrier Address: Service: Parcel Test Tax ID : Requested Pick-Up Date: Carrier Signature: Dispatch Date:			
<u>Container ID</u>	<u>Weight (LBS)</u>	<u>Package Type</u>	<u>Tracking ID</u>
11	11.00		
Notes			

Ship Container No: 11

Barcode: ■■■■

Item ID	EAN	Description	UOM	Quantity
100300166		100300166	Cases	1.00

Legalese fine print

Driver signature	Date	Receiver signature	Date

Figure A-33 Transfer Shipment BOL Report (without Container)

Transfer Shipment BOL Report			
ASN: 145		Barcode: 	
BOL ID: 130 Create Date: 2023-10-09		Shipment ID: 145 Create User: ga_007	
Motive: Transfer			
Sender 1111 - Charlotte * addr1 addr2 Rochester MN 55403 US		Receiver 1141 - Nashville addr1 addr2 Rochester MN 55403 US	
Ship From addr1 addr2 Rochester , MN 55403 US		Ship To Nashville addr1 addr2 Rochester, MN 55403 US 2558989	
Carrier ◊ Sender ◊ Receiver ◊ Third Party Carrier Name: Other		Requested Pick-Up Date: Carrier Signature: Dispatch Date:	
Carrier Address:			
Service:		Tax ID :	
<u>Shipment ID</u>	<u>Weight (.)</u>	<u>Package Type</u>	<u>Tracking ID</u>
145	0.00		
Legalese fine print			
Notes			
Driver signature	Date	Receiver signature	Date

Ship Id: 145

Barcode:



Item ID	EAN	Description	UOM	Quantity
100020608		100020608_SD	Cases	2.00

Legalese fine print

Driver signature	Date	Receiver signature	Date

Figure A-34 Transfer Shipment Carton Report

Transfer Shipment Container Report

Source: 1311 - Chicago*
Destination: 1321 - Indianapolis
Destination Type: Store
Ship Date:
Shipment ID: 360
Authorization Number:
Status: In Progress
Container: 379
Container Status: In Progress
Create User: siocssysop-qa20
Confirm User:

Document: 317					
Item	Description	UOM	Pack Size	Ship Quantity	Reason Code
100050056	100050056_SD	Cases	1	2	

Figure A-35 Transfer Shipment Report

With Container

Transfer Shipment Report

Source:	1311 - Chicago*
Destination:	1141 - Nashville
Destination Type:	Store
Ship Date:	03/28/2022
Shipment ID:	1
Authorization Number:	
Status:	Shipped
Create User:	siocssysop-qa20
Dispatch User:	siocssysop-qa20
Notes:	

Container ID : 000000011410000016						
Container Status: Shipped						
Item	Description	UOM	Document	Pack Size	Ship Quantity	Reason Code
100000147	100000147_SD	Cases	1	1	3	

Figure A-36 Transfer Shipment Report (without Container)

Transfer Shipment Report

Source:	1111 - Charlotte *
Destination:	1141 - Nashville
Destination Type:	Store
Ship Date:	
Shipment ID:	145
Authorization Number:	
Status:	Submitted
Create User:	siocsysop-qa20
Dispatch User:	
Notes:	

Item	Description	UOM	Document	Pack Size	Ship Quantity	Reason Code
100020608	100020608_SD	Cases	69	1	2	

Figure A-37 Transfer Shipping Label

From Phoenix 123 Street Anytown Anycity MN 50250 US		To Seattle*	
(420) Ship To Postal Code (420)50250 		Label Type Bill of Lading Transfer	
Customer Order: No Number Of Items: 2 Context Value:		Dept #S 5555	
Store (01)1411 		Store 1411	
SSCC -18 000141155106			
			

Figure A-38 Vendor Delivery AGSN Report

AGSN Label Report	
SKU : 100000083 AGSN : 2353 ■■■■	
SKU : 100000083 AGSN : 2354 ■■■■	
SKU : 100000083 AGSN : 2355 ■■■■	
SKU : 100000083 AGSN : 2356 ■■■■	
SKU : 100000083 AGSN : 2357 ■■■■	
SKU : 100000083 AGSN : 2358 ■■■■	
SKU : 100000083 AGSN : 2359 ■■■■	
SKU : 100000083 AGSN : 2360 ■■■■	
SKU : 100000083 AGSN : 2361 ■■■■	
Printed: 10/3/2018	Page Number: 1

Figure A-39 Vendor Delivery Label

From Local Grocery Supplier #2 123 Main St Portland OR 83273 US		To Nashville 123 Street 123 Street Anycity MN 50250 US	
(420) 50250 		Label Type DSD	
Label Reason: Reprint Reference Container Id: REF123 Number Of Items: 3		Dept #S 1117	
Store (01) 1141 		Store 1141	
SSCC -18  DQ10			

**Figure A-40 Vendor Shipment BOL Report
With Containers**

RTV Shipment BOL Report				
RTV: 1142		Barcode: 		
BOL ID: 1355		Shipment: 1130		Motive: RTV
Create Date: 08/24/2017		Create User: qa_004		
Sender 1511 - Phoenix 123 Street Anytown Anycity MN 50250 US		Receiver 1200 - Fashion Importer (Euro) 9999 9999 999 MN 89 US		
Ship From Phoenix 123 Street Anytown Anycity MN 50250 US		Ship To Fashion Importer (Euro) 9999 9999 999 MN 89 US Phone:		
Carrier ?Sender ?Receiver ?Third Party Carrier Name: Carrier Address:		Requested Pick-Up Date Carrier Signature: Dispatch Date:		
Service:		Tax ID:		
<u>Container ID</u>	<u>Weight (UOM)</u>	<u>Package Type</u>	<u>Tracking ID</u>	
000120054129				
Legalese fine print				
Notes				
Ship Container No: 000120054129		Barcode : 		
<u>EAN</u>	<u>Item</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>
	SIM_13	SIM_13	Cases	2
Driver signature		Date	Receiver Signature	Date

Figure A-41 Vendor Shipment BOL Report (without Containers)

RTV Shipment BOL Report				
RTV: 387		Barcode: 		
BOL ID: 1029		Shipment: 247		Motive: RTV
Create Date: 06/06/2024		Create User: ga_007		
Sender 1311 - Chicago* addr1 addr2 Rochester MN 55403 US		Receiver 6200 - sim_6200 Return addr1 addr2 Rochester MN 55403 US		
Ship From Chicago* addr1 addr2 Rochester MN 55403 US		Ship To sim_6200 Return addr1 addr2 Rochester MN 55403 US Phone: 2558989		
Carrier ◊ Sender ◊ Receiver ◊ Third Party Carrier Name: Carrier Address:		Requested Pick-Up Date Carrier Signature: Dispatch Date:		
Service:		Tax ID:		
Shipment ID:	Weight (UOM)	Package Type	Tracking ID	
247				
Legalese fine print				
Notes				
Shipment ID: 247		Barcode : 		
EAN	Item	Description	UOM	Quantity
	100000083	100000083_SD	EA	
	100000083	100000083_SD	EA	
Legalese fine print				
Driver signature	Date	Receiver Signature	Date	

Figure A-42 Vendor Shipment Carton Report

RTV Shipment Container Report					
Source: 1511 - Phoenix Supplier: 1200 - Fashion Importer (Euro) Ship Date: Shipment Number: 1130 Authorization Number: 987878 Status: In Progress User: Not After Date: 08/23/2017 Container: 000120054129 Container Status: In Progress					
Item	Description	UOM	Pack Size	Ship Qty	Reason Code
SIM_13	SIM_13	Cases	1	2	Overstock

Printed: 1/3/2018	Page Number: 1

Figure A-43 Vendor Shipment Report

With Containers

RTV Shipment Report

Source: 1311 - Chicago*
Supplier: 6200 - Chocolates
Ship Date: 04/27/2022
Shipment Number: 101
RTV Type:
Authorization Number: GpYQk
Status: Shipped
User: sim_qa3

Container ID: 000000062000011026				Status: Shipped		
Item	Description	VPN	UOM	Pack Size	Ship Quantity	Reason Code
100000147	100000147_SD	4567	Cases	1	1	Overstock

Figure A-44 Vendor Shipment Report (without Containers)

RTV Shipment Report

Source: 1311 - Chicago*
Supplier: 6200 - sim_6200
Ship Date:
Shipment Number: 247
RTV Type:
Authorization Number:
Status: In Progress
User:

Item	Description	VPN	UOM	Pack Size	Ship Quantity	Reason Code
100000083	100000083_SD	4001	EA	1		Test Shipment Reason
100000083	100000083_SD	4001	EA	1		Testing_automate drDRA

Figure A-45 Vendor Shipment Label

From Phoenix 123 Street Anytown Anycity MN 50250 US	To Fashion Importer (Euro) gggg gggg MN 89 US
(420) Ship To Postal Code (420)89 	Label Type Return To Vendor
Return ID 8789 	
 (01)1200 	 1200
SSCC -18 000120058020 	

B

Appendix: Batch File Layout Specifications

This chapter describes the batch file layout specifications for the following batches:

- [Clearance Import File Specification](#)
- [Inventory Extract](#)
- [POS Transaction Import File Specification](#)
- [Price Change Import File Specification](#)
- [Retail Sale Audit Import File Specification](#)
- [Stock Count Results Export File Specification](#)
- [Store Sequence Data Import File Specification](#)
- [Third Party RFID File Specification](#)
- [Third Party Price File Layout](#)
- [Third Party Initial Inventory File Layout](#)
- [Third Party Stock Count Import File Layout](#)
- [Warehouse Available Inventory Import Specification](#)

Clearance Import File Specification

Filename Format

Clearance_Tx_{YYYYMMddHHMMss}.csv

File prefix: Clearance_Tx

**Note:**

If the file comes in as a zip file, the file prefix must match the specified file prefix, and the file inside the zip must have file extension .csv.

File Layout

Comma Delimited File.

Table B-1 Clearance Import File Layout

Name	Type	Required(x indicating required)	Description
REC_ID	NUMBER(10)	x	The external record id (payload id.
RECORD_TY PE	VARCHAR2(50)	x	Record type, valid values: Create/Update/Delete.
CLEARANCE _ID	NUMBER(15)	x	Clearance id.
ITEM	VARCHAR2(25)		Item id.
LOCATION	NUMBER(10)		Location id.
LOCATION_T YPE	VARCHAR2(30)		The location type. S (STORE), W(WAREHOUSE) (Notes: only location type of 'S' is relevant to SIOCS)
EFFECTIVE_ DATE	TIMESTAMP		Effective date.
RETAIL	NUMBER(20,4)		The clearance price.
UOM	VARCHAR2(25)		Unit Of Measure.
CURRENCY	VARCHAR2(25)		Price currency.
RE- SET_INDICA TOR	NUMBER(1)	x	Indicates if the clearance event is a reset. valid values: 0 - the record is not a reset; 1 - the record is a reset.

Sample File

```
1,Create,1041231,100637113,5000,S,2022-06-30 12:06:00.0000000000,12.72,EA,USD,0
2,Create,1041231,100637121,5001,S,2022-06-30 12:06:00.0000000000,12.72,EA,USD,0
```

Inventory Extract

Filename Format

PRODUCT_LOCATION_INV_<store Id>_<extract date in yyyyMMddHHmmss>.DAT

File Layout

The input file is in Pipe (|') delimited format.

Table B-2 Inventory Extract File

Record Name	Field Name	Field Type	Description
File Header	file type record descriptor	Char(5)	hardcode FHEAD
File Header	file line identifier	Number(10)	ID of current line being processed, hardcode 1
File Header	file type	Char(4)	hardcode PLINV

Table B-2 (Cont.) Inventory Extract File

Record Name	Field Name	Field Type	Description
File Header	file create date	Date(14)YYYYMMDDHHMISS	date written by job program
File Header	loc_type	Char(1)	hardcode S
File Header	location	Number(10)	Location id
Transaction record	file type record descriptor	Char(5)	hardcode FDETL
Transaction record	file line identifier	Number(10)	ID of current line being processed, internally incremented
Transaction record	item type	Char(3)	hardcode ITM
Transaction record	item value	Char(25)	item ID
Transaction record	Stock on hand	Number(12,4)	total units or total weight
Transaction record	Available stock on hand	Number(12,4)	Available units or weight
Transaction record	SUOM	Number(12,4)	Stock unit of measure
Transaction record	Last Update Date	Date(14)YYYYMMDDHHMISS	
File trailer	file type record descriptor	Char(5)	hardcode FTAIL
File trailer	Number of data records	Number(12)	

Sample File

FHEAD|0000000001|20220607090000|S|5030

FDETL|0000000002|ITM|35|40|10|20220607084100

FDETL|0000000003|ITM|124|34|15|20220605103215

FTAIL|0000000004|3

POS Transaction Import File Specification

Filename Format

<file prefix>_<date in YYYYMMDDHH24MISS format>_<loc id>.dat

Where file prefix value is "SIMTLOG" and loc id is the store identifier. This allows file to be unique for every upload.

Example:

SIMTLOG_20180129133250_1111.dat

Zip File Format

<file prefix>_<date in YYYYMMDDHH24MISS format>.zip

Where file prefix value is "SIMTLOG". The zip file can contain one or more files from same or different stores.

Example:

SIMTLOG_20180129133250.zip

File Layout

The input file is in Pipe (|) delimited format.

Table B-3 T-LOG File

Record Name	Field Name	Field Type	Default Value	Description
FILE HEADER	FILE HEADER File Type Record Descriptor	VARCHAR2(5)	FHEAD	Identifies the File Record Type
FILE HEADER	Location Number	NUMBER(10)		Store Number
FILE HEADER	Business Date	VARCHAR2(14)		Business Date of transactions in YYYYMMDDHHSS format
FILE HEADER	File Creation Date	VARCHAR2(14)	SYSDATE	File Create Date in YYYYMMDDHHMMSS format
TRANSACTION HEADER	File Type Record Descriptor	VARCHAR2 (5)	THEAD	Identifies the File Record Type
TRANSACTION HEADER	Transaction Number	VARCHAR2(128)		The unique transaction reference number generated by ORXPOS/OMS.
TRANSACTION HEADER	Transaction Date and Time	VARCHAR2(14)		Date transactions were processed in ORXPOS/OMS
TRANSACTION HEADER	Customer Order ID	VARCHAR2(128)		External customer order ID, if transaction is a customer order
TRANSACTION HEADER	Customer Order Comments	VARCHAR(512)		Comments on the customer order
TRANSACTION DETAIL	File Type Record Descriptor	VARCHAR2(5)	TDETL	Identifies the File Record Type
TRANSACTION DETAIL	Item ID	VARCHAR2(25)		ID number of the item.
TRANSACTION DETAIL	UIN	VARCHAR2(128)		This is the UNIQUE_ID value from RTLOG
TRANSACTION DETAIL	Item Quantity	NUMBER(12,4)		Quantity of the item on this transaction
TRANSACTION DETAIL	Selling UOM	VARCHAR2(4)		UOM at which this item was sold

Table B-3 (Cont.) T-LOG File

Record Name	Field Name	Field Type	Default Value	Description
TRANSACTION DETAIL	Reason Code	NUMBER(4)		Reason entered by cashier for some transaction types. Required for voids, returns, for example.
TRANSACTION DETAIL	Comments	VARCHAR(512)		Comments for this line item
TRANSACTION DETAIL	Transaction Code	VARCHAR2(25)		The type of sale represented by this line item. Valid value are SALE,RETURN,VOID_SALE,VOID_RETURN,ORDER_NEW,ORDER_FULFILL,ORDER_CANCEL,ORDER_CANCEL_FULFILL
TRANSACTION DETAIL	Reservation Type	VARCHAR(25)		Reservation type if POS transaction is a customer order. Valid values are SPECIAL_ORDER, WEB_ORDER, PICKUP_AND DELIVERY,LAYAWAY
TRANSACTION DETAIL	Fulfillment Order Number	VARCHAR2(48)		Fulfillment Order Number from OMS
TRANSACTION DETAIL	Drop Ship Indicator	VARCHAR(1)		'P' if it is drop ship otherwise 'N'
TRANSACTION TAIL	File Record Type Descriptor	VARCHAR2(5)	TTAIL	Identifies the File Record Type
TRANSACTION TAIL	Transaction Record Counter	NUMBER(6)		Number of TDETL records in this transaction set.
FILE TAIL	File Record Type Descriptor	VARCHAR2(5)	FTAIL	Identifies the File Record Type
FILE TAIL	File Record Counter	NUMBER(10)		Number of records/transactions processed in current file (only records between head and tail)

Price Change Import File Specification

Filename Format

PriceChange _Tx_<YYYYMMddHHMMss>.csvFile prefix: PriceChange _Tx



Note:

If the file comes in as a zip file, the file prefix must match the specified file prefix, and the file inside the zip must have file extension .csv.

File Layout

Comma Delimited File.

Table B-4 Price Change Import File Layout

Name	type	Required(x indicating required)	Description
REC_ID	NUMBER(10)	x	The external record id (payload id.
RECORD_TY PE	VARCHAR2(50)	x	Record type, valid values: Create/Update/Delete.
PRICE_CHA NGE_ID	NUMBER(15)	x	The price change ID.
ITEM	VARCHAR2(25)		Item id.
LOCATION	NUMBER(10)		Location id.
LOCATION_T YPE	VARCHAR2(30)		The location type. S (STORE), W(WAREHOUSE) (Notes: SIOCS only takes the location type of 'S', Warehouse type will be skipped)
EFFECTIVE_ DATE	TIMESTAMP yyyy-mm-dd hh:mm:ss.ffffff for example 2021-04-09 11:00:00.00000000 0		Effective date of price change.
RETAIL	NUMBER(20,4)		The retail with for the item and location based on the price change.
UOM	VARCHAR2(25)		The retail Unit Of Measure.
CURRENCY	VARCHAR2(25)		The currency for the location.
RETAIL_CHA NGE_IND	NUMBER(6)		Indicates whether the retail changed with this price change.
MULTI_UNIT _IMPACT	VARCHAR2(4)	x	Indicates if the Price Change has impact to Multi Unit retail. Valid value are AU - Multi Unit information is added or updated; R - Multi Unit in-formation is removed; N - Multi unit information is not changed.
MULTI_UNIT S	NUMBER(12,4)		Number of multi units.
MULTI_UNIT _RETAIL	NUMBER(20,4)		The Multi Unit Retail value.
MULTI_UNIT _SELLING_U OM	VARCHAR2(4)		The Multi Unit Retail Selling UOM.
MULTI_UNIT _RETAIL_CU RRENCY	VARCHAR2(3)		The Multi Unit Retail Currency.

Sample File

30003, Create,650664,100637121,5000,S,2022-07-01
12:06:00.0000000000,14.72,EA,USD,1,N,,,USD

30004, Create,650699,100637113,5000,S,2022-07-02
12:06:00.0000000000,28.72,EA,USD,1,N,,,USD

Retail Sale Audit Import File Specification

Filename Format

SIMT_<YYYYMMDDHH24MISS>.zip

The zip file can contain one or more files:

SIMT_<YYYYMMDDHH24MISS>_<loc id>.dat

Where loc id is the store identifier.

Example:

SIMT_20180129133250_1111.dat

File Format

The input file uses pipe ('|') delimited format.

File Layout

Table B-5 ReSA File Layout

Record Name	Field Name	Field Type	Default Value	Description
FHEAD	FILE Type Record Descriptor	VARCHAR2(5)	FHEAD	Identifies the File Record Type
FHEAD	File Line ID	VARCHAR(10)		Sequential file line number
FHEAD	File Type Definition	VARCHAR2(4)	SIMT	Identifies the File Type
FHEAD	Location Number	NUMBER(10)		Store Number
FHEAD	Business Date	VARCHAR2(14)	N/A	Business Date of transactions in YYYYMMDDHHSS format
FHEAD	File Creation Date	VARCHAR2(14)	N/A	File Create Date in YYYYMMDDHHMSS format
THEAD	Record Descriptor	VARCHAR2 (5)	TDETL	Identifies the File Record Type
THEAD	File Line ID	VARCHAR(10)		Sequential file line number
THEAD	Transaction Number	NUMBER(10)		The unique transaction reference number generated by ORXPOS/OMS
THEAD	Revision Number	NUMBER(3)		The version of the transaction being sent

Table B-5 (Cont.) ReSA File Layout

Record Name	Field Name	Field Type	Default Value	Description
THEAD	Transaction Date and Time	VARCHAR2(14)		Transaction date in YYYYMMDDHHMMSS format. Corresponds to the date that the transaction occurred.
THEAD	Transaction Type	VARCHAR2(14)		Transaction Type Code (for example, SALE, RETURN, SPLORD)
THEAD	Pos created flag	VARCHAR2(1)		'Y' identifies that the transaction occurred at ORXPOS, 'N' identifies that the transaction was created in ReSA
TDETL	Record Descriptor	VARCHAR2(5)	TDETL	Identifies the File Record Type
TDETL	File Line ID	VARCHAR(10)	0000000001	Sequential file line number.
TDETL	Item Sequence Number	NUMBER(4)		The order in which items were entered during a transaction
TDETL	Item	VARCHAR2(25)		ID number of the item.
TDETL	Item Number Type	VARCHAR2(6)		Type of Item sold. Can be 'ITEM', 'REF', 'GCN', 'NMITEM'
TDETL	Item Status	VARCHAR2(6)		Status of the item within the transaction. V - for item void S - for sold item R - for returned item ORI - Order Initiate ORC - Order Cancel ORD - Order Complete LIN - Layaway Initiate LCA - Layaway Cancel LCO - Layaway Complete PVLCO - Post Void Layaway Complete PVORD - Post Void Order Complete
TDETL	Serial Number	VARCHAR2(128)		This is the UNIQUE_ID value from RTLOG
TDETL	Pack Indicator	VARCHAR2(1)		Pack indicator of item sold or returned
TDETL	Catch Weight Indicator	VARCHAR2(1)		Indicates if item is a catchweight item
TDETL	Item Quantity Sign	VARCHAR2(1)		Determines if the Total Sale Quantity is positive or negative 'P' - Positive 'N' - Negative

Table B-5 (Cont.) ReSA File Layout

Record Name	Field Name	Field Type	Default Value	Description
TDETL	Item Quantity Value	NUMBER(20)		Total sales value of goods sold/ returned (4 implied decimal places), for example, Total Quantity * 10000
TDETL	Standard UOM	VARCHAR2(4)		Standard UOM of the Item
TDETL	Selling UOM	VARCHAR2(4)		UOM at which this item was sold
TDETL	Wastage Type	VARCHAR2(6)		Wastage type of item sold or returned
TDETL	Wastage Percentage	NUMBER(12)		Wastage Percent*10000 (4 implied decimal places), wastage percent of item sold or returned
TDETL	Drop Ship Indicator	VARCHAR2(1)	N	This will always be N for Export
TDETL	Actual Weight Quantity	NUMBER(12)		Actual Weight Quantity*10000 (4 implied decimal places), the actual weight of the item, only populated if catchweight_ind = 'Y'
TDETL	Actual Weight Sign	Char(1)		Sign of the actual weight
TDETL	Reason Code	VARCHAR2(6)		Reason entered by cashier for some transaction types
TDETL	Sale Value	NUMBER(20)		Total Sales Value * 10000 (4 implied decimal places), sales value, net sales value of goods sold
TDETL	Sales Sign	VARCHAR2(1)		Determines if the Total Sales Value is positive or negative 'P' - Positive 'N' - Negative
TDETL	Unit Retail	NUMBER(20,4)		Unit retail with 4 implied decimal places
TDETL	Sales Type	VARCHAR2(1)		Indicates if the line item is a Regular Sale, a CO serviced by OMS (External CO), or a CO serviced by Inventory management application (In-Store CO)
TDETL	Customer Order Number	VARCHAR2(50)		Customer Order Number
TDETL	Customer Order Type	Char(6)		Customer order type
TDETL	Fulfillment Order Number	VARCHAR2(50)		Fulfillment Order Number from OMS
TDETL	Customer Order Line Number	NUMBER (10)		Customer order line number
TTAIL	Record Type Descriptor	VARCHAR2(5)	TTAIL	Identifies the File Record Type
TTAIL	File Line ID	NUMBER(10)		Sequential file line number

Table B-5 (Cont.) ReSA File Layout

Record Name	Field Name	Field Type	Default Value	Description
TTAIL	Transaction Record Counter	NUMBER(6)		Number of TDETL records in this transaction set
FTAIL	File Record Type Descriptor	VARCHAR2(5)	FTAIL	Identifies the File Record Type
FTAIL	File Line ID	NUMBER(10)		Sequential file line number
FTAIL	File Record Counter	NUMBER(10)		Number of records/transactions processed in current file (only records between head and tail)

Sample Data File

```

FHEAD|0000000001|SMT|5141|20210307111049|20210307144046
THEAD|0000000002|1141|1|1|20210307000000|SALE|N
TDETL|0000000003|1|100000147|ITEM|S|||P|3||EA||N|||||||
TTAIL|0000000004|1
THEAD|0000000005|270888|1|1|20210307000000|RETURN|N
TDETL|0000000006|1|100000147|ITEM|R|||N|3||EA||N|||||||
TTAIL|0000000007|1
FTAIL|0000000008|6

```

Stock Count Results Export File Specification

The stock count result export file is generated when unit amount stock count authorization completes. The stock count authorization process can be a manual authorization or invoked by third party stock count batch for an auto-authorized unit amount stock count. This export file can be uploaded to RMS by RMS file to update their inventory with the actual physical stock count.

Table B-6 Stock Count Export File

Record Name	Field Name	Field Type	Description
File Header	file type record descriptor	Char(5)	hardcode FHEAD
File Header	file line identifier	Number(10)	ID of current line being processed, hardcode 00000001
File Header	file type	Char(4)	hardcode STKU
File Header	file create date	Date(14)YYYY MMDDHHMISS	date written by convert program
File Header	stocktake_date	Date(14)YYYY MMDDHHMISS	take_head.stocktake_date
File Header	cycle count	Number(8)	stake_head.cycle_count

Table B-6 (Cont.) Stock Count Export File

Record Name	Field Name	Field Type	Description
File Header	loc_type	Char(1)	hardcode W or S
File Header	location	Number(10)	stake_location.wh or stake_location.store
Transaction record	file type record descriptor	Char(5)	hardcode FDETL
Transaction record	file line identifier	Number(10)	ID of current line being processed, internally incremented
Transaction record	item type	Char(3)	hardcode ITM
Transaction record	item value	Char(25)	item ID
Transaction record	inventory quantity	Number(12,4)	total units or total weight
Transaction record	location description	Char(30)	Where in the location the item exists. For example, Back Stockroom or Front Window Display
File trailer	file type record descriptor	Char(5)	hardcode FTAIL
File trailer	file line identifier	Number(10)	ID of current line being processed, internally incremented
File trailer	file record count	Number(10)	Number of detail records

Store Sequence Data Import File Specification

Sequencing functionality provides users the ability to know the relative location of an item in a store. Sequencing a store improves store processes and reduces the time that employees spend looking for items. The retailer can sequence all items in the store and create unique locations to hold the items.

Sequencing defines how many items can be stored in a particular location, and allows the definition of a capacity for that item location combination. The capacity is used for in-store replenishment when generating the shelf replenishment pick list. Sequencing is used within Stock Counts, Customer Order Picking, Transfer Request, and Shelf Replenishment to aid the user in proceeding to the next item during the transaction for efficiency. Lastly, the Sequencing Primary Location is displayed to the user on the Item Detail screen.

Filename Format

<file prefix>_<date in YYYYMMDDHH24MISS format>_<loc id>.dat

Where file prefix value is "SSEQ" and loc id is the store identifier. This allows file to be unique for every upload.

Example:

SSEQ_20180129133250_1111.dat

Zip Filename Format

<file prefix>_<date in YYYYMMDDHH24MISS format>.zip

Where file prefix value is "SSEQ". The zip file can contain one or more files from same or different stores. The complete file needs to be added for zip file for job to pick it for processing.

Example:

SSEQ_20180129133250.zip

File Format

The input file would be in pipe ('|') delimited format.

File Layout

Table B-7 Store Sequence Import File

Record Name	Field Name	FieldType	Description
File Header	file type record descriptor	Char(5)	hardcode FHEAD
File Header	Store ID	Number(10)	Store identifier
File Header	Delete	DELETALL	Optional flag to delete previous records
Sequence record	file type record descriptor	Char(5)	hardcode SHEAD
Sequence record	Area type	Number(9)	The Store Sequence Area. 0 = None, 1 = Shopfloor, 2 = Backroom
Sequence record	Child sequenced	Varchar2(1)	'Y' if child is sequenced, 'N' if not
Sequence record	Department ID	Number(12)	Department ID
Sequence record	Class ID	Number(12)	Class ID
Sequence record	Description	Varchar2(255)	Description of Store Sequence
Sequence record	Not sequenced	Varchar2(1)	Y indicates a default sequence containing all items that have not been sequenced elsewhere
Sequence record	Sequence Order	Number(20)	The order the store sequence is in compared to other store sequences
Sequence detail	file type record descriptor	Char(5)	hardcode SDETL
Sequence detail	Item ID	Varchar2(25)	Item ID
Sequence detail	Primary location	Varchar2(1)	Indicator if the location specified is the primary location for the item, Y if is primary location for item, N otherwise

Table B-7 (Cont.) Store Sequence Import File

Record Name	Field Name	FieldType	Description
Sequence detail	Item sequence order	Number(20)	Order of item within store sequence
Sequence detail	Capacity	Number(11,2)	The size of the location appropriate to unit of measure
Sequence detail	Ticket quantity	Number(11,2)	The quantity of tickets that need to be printed or used for the item inventory location
Sequence detail	Ticket format ID	Number(10)	Item ticket format identifier
Sequence detail	Uom Mode	Number(2,0)	The unit of measure display mode: 1- Units, 2- Cases
Sequence detail	Width	Number(12,0)	width value to indicate how many items can fit across the width of the shelf
Sequence trailer	File type record descriptor	Char(5)	hardcode STAIL
File trailer	File type record descriptor	Char(5)	hardcode FTAIL

Sample Data File

```
FHEAD|5000
SHEAD|1|N||ShopFloor5|N|1
SDETL|100695153|Y|1|100|1||1|0
STAIL
FTAIL
```

Third Party RFID File Specification

Filename Format

ext_rfid_<YYYYMMDDHHMMSS>.csv

File Layout

Comma Delimited File.

Table B-8 Third Party RFID File Specification

Field Name	Description	Required	Type
ACTION	CREATE and DELETE are the only two valid actions for RFI.	Yes	VARCHAR2(20)
EPC	Electronic product code (SGTIN-96).	Yes	VARCHAR(256)

Table B-8 (Cont.) Third Party RFID File Specification

Field Name	Description	Required	Type
ITEM_ID	Identifier of the item/sku.	Yes	VARCHAR2(25)
LOCATION_ID	Location identifier.	Yes	NUMBER(10)
LOCATION_TYPE	Location Type, 1 - store, 2 - warehouse.	Yes	NUMBER(2)
ZONE_ID	The zone within the location that the RFID is located.	No	NUMBER(15)
EVENT_DATE	The timestamp of the RFID read.	No	TIMESTAMP(6)

Sample File

```
RFID_{YYYYMMDDHHMMSS}_{LOC}_{LOC_TYPE}.csv
"REPLACE","11111111111111111111","100637113",5000,1,1001,
"03-07-2021 0:00"
"REPLACE","111111111111111111112","100637148",5000,2,1022,
"05-10-2021 0:00"
```

File Contents Explanation

- It is expected that the RFID provider to ensure the record uniqueness (A unique record is identified by store/item/effective date time), within a file, each record must be unique. The record action is denoted by action type, only one dataset action is allowed. EICS only support CREATE OR DELETE as dataset action for third party rfid, UPDATE type is not supported, use replace for updating a record.
- Split the Data into multiple files. EICS loads the data in parallel from multiple files. Loading files from multiple files in parallel provides performance advantage than loading from a single file. It is recommended to file provider to split the data into multiple files to load data efficiently in parallel loading, each file contains single store is recommended.
- Compress the data files. If data file contains large datasets, it is recommended that compress the load files individually, when loading the data file. Use EICS System Configuration Console to specify the file suffix (for example, zip).

Third Party Price File Layout

Filename Format

```
EXTPC_{YYYYMMDDHHMMSS}_{LOC}_{LOC_TYPE}.csv
```

Table B-9 Third Party Price Import File Specification

Field Name	Description	Required	Type
RECORD_ACTION	CREATE, UPDATE, DELETE .	Yes	CHAR(20)

Table B-9 (Cont.) Third Party Price Import File Specification

Field Name	Description	Required	Type
ITEM_ID	The unique alphanumeric value for the transaction level item.	Yes	CHAR(25)
STORE_ID	The number that uniquely identifies the store.	Yes	Number(10)
EFFECTIVE_DATE	The date on which the price change became effective. The Dates must be GMT as the file will parse and process the dates as GMT dates. yyyy-mm-dd hh:mm:ss.ffffff for example, 2021-04-09 11:00:00.000000000	Yes	Timestamp
END_DATE	Promotion end date. The Dates must be GMT as the file will parse and process the dates as GMT dates. yyyy-mm-dd hh:mm:ss.ffffff for example, 2021-04-09 11:00:00.000000000	No	Timestamp
PRICE_TYPE	The item price type. Valid values: 200- Clearance 201- Promotional 202- Regular 230- Independent clearance reset.	Yes	NUMBER(3)
PROMOTION_NAME	Promotion name.	No	CHAR(160)
SELLING_UNIT_RETAIL	Contains the current single unit retail in the selling unit of measure.	Yes	NUMBER(20,4)
SELLING_UNIT_RETAIL_CURRENCY	Contains the selling unit retail currency.	Yes	CHAR(3)
SELLING_UOM	Contains the selling unit of measure for an items single-unit retail.	Yes	CHAR(4)
MULTI_UNITS	Contains the current multi-units. If the record is being written as a result of a change in the multi-unit retail, then this field contains the new multi-units.	No	NUMBER(12,4)
MULTI_UNIT_RETAIL	Contains the current multi-unit retail in the selling unit of measure.	No	NUMBER(20,4)
MULTI_UNIT_RETAIL_CURRENCY	Contains the multi-unit retail currency.	No	CHAR(3)
MULTI_UNIT_SELLING_UOM	Contains the selling unit of measure for an items multi-unit retail.	No	CHAR(4)
CREATE_DATE_TIME	Contains the record creation date. yyyy-mm-dd hh:mm:ss.ffffff for example, 2021-04-09 11:00:00.000000000	No	Timestamp
REC_ID	The id of the record.	Yes	NUMBER(15)
RETAIL_CHANGE_IND	Indicates whether the retail changed with this price change. Valid values are: 0 - retail price not changed 1 - retail price changed	No	NUMBER(6)

Table B-9 (Cont.) Third Party Price Import File Specification

Field Name	Description	Required	Type
MULTI_UNIT_IMPACT	Indicates if the Price Change has impact to Multi Unit retail. Valid values are: AU - Multi Unit information is added or updated R - Multi Unit information is removed N - Multi unit information is not changed.	Yes	CHAR(4)
PRICE_EVENT_ID	The id of the price event.	Yes	NUMBER(15)

Sample File

```
REPLACE,100637113,5000,2021-04-09 11:00:00,,202,,149.99,USD,EA,,,,,2021-04-07
11:00:00,1,1,N,9999
```

File Contents Explanation

- It is expected that the pricing provider will ensure the record uniqueness (A unique record is identified by store/item/effective date time), within a file. Each record must be unique. The record action is denoted by action type, only a dataset action is allowed for unique store/item/date.
- For example, for store 5000, item A, a price on date 2018 Dec 10 00:00:00 record in the file can be one of the following (CREATE, DELETE). The same record with more than one dataset action will be rejected. EICS only supports CREATE OR DELETE as dataset action for third party pricing.
- The same file cannot have two records with this combination store/item/effective with different price type, if clearance need to be on today, then this file should only have a single record for clearance type.
- The clearance record can have an end date if the end date is known at time of the clearance creation.
- For independent clearance reset event (to end all active clearance for a store/item which does not have end date), the pricing provider needs to send clearance reset record (with price type =203), the import process ends any active clearance for item store timeline (set the end date to the clearance reset effective date). The clearance reset record is only for ending the active item store clearance, the price in the clearance reset record is not used for updating.
- In EICS, there is no client UI which requires or uses the promotion, clearance or price change identifier. For data import integration backend processing, the record is uniquely identified by item/store/effective date time and price type external pricing change identifier has no meaning to our system. Promotion name is used in EICS as context type; therefore it is included in the integration interface.
- Split the Data into Multiple Files. EICS loads the data in parallel from multiple files. Loading files from multiple files in parallel provides performance advantage overloading from a single file. It is recommended to file provider to split the data into multiple files to load data efficiently in parallel loading. Each file contains single store is recommended.
- The Dates must be GMT as the file will parse and process the dates as GMT dates.

Third Party Initial Inventory File Layout

Filename Format

<EXTSTK_<date YYYYMMDDHH24MISS >.zip

The zip file can contain one or more files from same or different stores:

EXTSTK_<date in YYYYMMDDHH24MISS format>.dat

DataFilename format

<file prefix>_<date in YYYYMMDDHH24MISS format>_<loc id>.dat

Where file prefix value is EXTSTK_ and loc id is the store identifier. This allows file to be unique for every upload.

Example: EXTSTK_20180129133250_1111.dat

File Layout

Pipe-delimited (|) file

Table B-10 Initial Inventory Import File

Record Name	Field Name	Field Type	Default Value	Description
FHEAD	Record Descriptor	Char(5)	FHEAD	File head marker
	Store Number	Char(10)		Store number file was uploaded for. It is assumed only one store is passed in per file. (Required)
FDETL	Record Descriptor	Char(5)	FDETL	Detail record marker
	Upload Date	Date(14)		Indicates date/time item was physically counted. (YYYYMMDDHH24MISS) For example, 20180129134600 (Required for UIN Records)
	Area Number	Char(10)		10-digit code indicating where in the store the item is located. (Optional)
	UPC or Item Number	Char(25)		25-digit universal product code. (Required)
	Count Quantity	Number(12, 4)		Quantity counted for item, required. This field must allow for decimals when counting in UOM other than each. (Required)
	UIN(Item Serial Number)	Char(128)		Unique identification serial number for item, required if current item requires serial number.
FTAIL	Record Descriptor	Char(5)	FTAIL	File tail marker

Sample File

```
FHEAD|5000|
FDETL|20180129235959|1|100665085|1|ItemSerialNum1234|
FDETL|201180129140000|1|100665085|1|ItemSerialNum9999|
FDETL|20180129000000|1|100665085|1|
FTAIL|
```

Third Party Stock Count Import File Layout

Filename Format

<file prefix>_<date YYYYMMDDHH24MISS >.zip

Where file prefix value is STK.

Example:

STK_20180129133250.zip

The zip file can contain one or more files from same or different stores:

Data Filename Format

<file prefix>_<date in YYYYMMDDHH24MISS format>_<loc id>.dat

Where file prefix value is STK and loc id is the store identifier.

Example:

STK_20180129133250_1111.dat

File Layout

Pipe-delimited (|) file

Table B-11 Third Party Stock Count Import File

Record Name	Field Name	Field Type	Default Value	Description
FHEAD	Record Descriptor	Char(5)	FHEAD	File head marker
	Store Number	Char(10)		Store number file was uploaded for. It is assumed only one store is passed in per file. (Required)
	Stock Count ID	Number(12)		Unique identifier for item. Assumption is application will always take first stock count ID listed. (Required)

Table B-11 (Cont.) Third Party Stock Count Import File

Record Name	Field Name	Field Type	Default Value	Description
FDETL	Record Descriptor	Char(5)	FDETL	Detail record marker
	Stock Count Date	Date(14)		Indicates date/time item was physically counted. (YYYYMMDDHH24MISS) For example, 20180129134600 (Required) Note: If not using timestamp, use 00 for time.
	Area Number	Char(10)		10-digit code indicating where in the store the item is located. (Optional)
	UPC or Item Number	Char(25)		25-digit universal product code. (Required)
	Count Quantity	Number(12, 4)		Quantity counted for item, required. This field must allow for decimals when counting in UOM other than each. (Required)
	UIN(Item Serial Number)	Char(128)		Unique identification serial number for item, required if current item requires serial number.
FTAIL	Record Descriptor	Char(5)	FTAIL	File tail marker

Sample File

```

FHEAD|5000|1074|
FDETL|20180129235959|1|100665085|1|ItemSerialNum1234|
FDETL|201180129140000|1|100665085|1|ItemSerialNum9999|
FDETL|20180129000000|1|100665085|1|
FTAIL|

```

Warehouse Available Inventory Import Specification

Filename Format

InvAvailWh_Tx_{YYYYMMddHHMMss}.csv

File Layout

- All files should be in CSV (comma-separated values) format, with a ".csv" filename extension.

- The batch jobs also support zipped files which will be extracted upon download and processed individually. Files contained within .zip files must adhere to the same filename format.
- Empty or blank fields within a record will be considered null. Every column must be present even if it is empty or null.
- String fields containing a comma or double quote must be quoted (with double quotes), a double quote in a field must be represented by 2 double quote characters. Line breaks within quoted fields are not supported.

Table B-12 Warehouse Available Inventory Import File Layout

Field Name	Description	Required	Data Type
ACTION	The record action type. Valid values: REPLACE	Yes	VARCHAR2(20)
ITEM_ID	The unique identifier of the item - references the ITEM_ID column in the ITEM table.	Yes	VARCHAR2 (25)
WAREHOUSE_ID	Virtual warehouse id	Yes	NUMBER (10, 0)
LOC_TYPE	Type of location. W represents the virtual warehouse.'	Yes	VARCHAR2(1)
AVAIL_QTY	Available quantity of the item at the location. This qty is calculated by subtracting transfer reserved qty, customer reserved qty, non_sellable inventory and RTV from stock on hand.	Yes	NUMBER(20,4)
STOCK_ON_HAND	Current stock on hand for the item.	Yes	NUMBER(20,4)
STANDARD_UOM	The standard unit of measure of the warehouse item.	No	VARCHAR2 (4)
PHYSICAL_WH	Physical warehouse that Is assigned to the virtual warehouse.	Yes	NUMBER(10)
QUANTITY_RESERVED	Reserved quantity.	No	NUMBER(20,4)
QUANTITY_IN_TRANSIT	In transit quantity.	No	NUMBER(20,4)

Example File

File Name: InvAvailWh_Tx_{YYYYMMddHHMMss}.csv

REPLACE,100637113,9999,W,100,150,EA,8888,,,

C

Appendix: Auto-Authorized Third-Party Stock Count Process Overview

This section describe overview steps to setup and auto authorize a third party stock count:

1. In the **Operations/Product Group** dialog, create and save a new product group with the following attributes:

Type: Select Unit or Unit and Amount

Counting Method: Select Third Party

Auto Authorize: Select this check box

Note:

If auto authorize is selected, the processing of the stock count will attempt to do many automated steps when loading the third party stock count information. If auto authorize is not selected, after loading the file information the authorization process is manual.

2. In the **Operations/Product Group Component** dialog, update the created product group with the desired items to count and save. To count all items in all departments, set **All Department** attribute to **Yes**.
3. In the **Operations/Product Group Schedule** dialog, create a product group schedule for the previous created product group.

Note:

If creating a schedule for a unit count that is active on the current date, you will have the option of generating the stock count immediately.

4. In the **Admin/Technical Maintenance/Job Admin** dialog, create and start a new job.
Choose **Generate Unit Stock Count** to generate unit counts.
Choose **Generate Unit and Amount Stock Count** to generate unit and amount counts.

 Note:

After the generate stock count batch has completed, you can log onto the mobile application, and from the Main Menu, you can navigate to **Inventory Management / Stock Counts / Stock Count List** dialog. Select the generated stock count and you will notice stock count child records have been created for each department. The batch creates stock count groups for all items for all departments for the store, including items with SOH values of zero grouped by department. The stock count will be in new status, as will each of the child department records.

5. The next step of the process is to take a snapshot of the stock count. This is most often done manually but can also be done with an automated job. The snapshot must be taken before uploading the third-party flat file.

Manual. On the mobile application, you will need to use the application to take the appropriate snapshot.

Automated. For a unit and amount stock count, you can run the **Admin/Technical Maintenance/Job Admin** dialog previously used to generate the stock count, you can execute the **Stock Count Unit and Amount Snapshot** batch job.

 Note:

Selecting **Take Snapshot** in the mobile application or running the batch job takes a snapshot of the current SOH figure and assigns this to every item in the stock count records. The snapshot button is displayed only if there is an extracted **Third Party Stock Count** or **Unit and Amount stock count** on the **Stock Count List** screen. You must first select at least one record from the **Third Party Stock Count** in order for the snapshot to be taken. Status of the stock count will change to In Progress. This will indicate that the snapshot has occurred. The user will not be able to access the stock count records until the file has been uploaded. If the user double-clicks one of the department stock counts on the list screen, the application will prompt with the message "The stock count will not be accessible until the import process has completed". The user will not be able to drill into the detail screen if the third-party file has not yet been imported into the application.

6. Once the snapshot is taken and the workforce is done counting the items, the appropriate third-party stock count file should be loaded into the system.
7. Once the third-party count file is in place, you can access the **Admin/Technical Maintenance/Job Admin** dialog and execute the **Third Party Stock Count Import** batch job.

 Note:

When the batch is complete, each item within the count will be updated with the appropriate counted quantity and timestamps assigned. In addition, any item errors will be tracked and written to the database as rejected or unprocessed items. If auto authorize was not chosen, no further processing will take place. Authorization and rejected items management can then be dealt with.

Third Party Processing

1. When the third-party file import process starts, it will attempt to snapshot the stock count if the snapshot has not already taken place. A failure to snapshot will stop the job from processing.
2. Next, it updates all the counted quantity and dates on all the items from the file information. A failure in this step stops the job from processing.
3. It then attempts to perform the completion of each child count without the stock count. Completing the count does business processing on the counted information and moves the status of each completed child to the authorize phase. Any failures that occur are logged and the processing is halted.
4. If auto-authorize was not selected, the processing halts as the files are loaded and count phase completed.
5. If auto-authorize was selected, the processing releases all current user activity locks on the stock count, so it is not being used during further processing.
6. If the stock count was for all items, the automated processing will attempt to find and correct any errors within the rejected items, such as items found but not ranged at the store. This part of the processing will then attempt to range the items.
7. The stock count is then marked ready to approve and so that it can begin final authorization.
8. The process approves each stock count child individually. The batch error log keeps track of each authorization failure. If any authorization failed among the children record the process halts.
9. If the stock count is unit and amount and authorization succeeded, the process attempts to create an export file.

Third Party Recovery

1. Import Failure - If this occurs before or during loading the import file fails, you can begin the entire import process again.
2. Authorization Failure - If the import succeeds, but the authorization fails, you can run authorization recovery. Access the **Admin/Technical Maintenance/Job Admin** dialog and execute the **Stock Count Authorize Recovery** batch job.

D

Appendix: Unit and Amount Stock Counts Export

Unit and Amount Stock count authorization generates export file which can be uploaded to external inventory system. The stock count authorization process can be started by user through stock count authorization screen or be invoked by third party stock count batch for an auto-authorized unit amount stock count. The export files can be uploaded to merchandising system (for example, RMS) to update merchandising inventory with the actual physical stock count.

Export File Layout

See the [Stock Count Results Export File Specification](#) for file layout details. The generated file will be zipped into an archive with same file naming standard followed for the file generation. A complete file is added once the generated file has been zipped.

Export File Location

Export file directory is created by application installer. Integration admin will need to move the export data files from the application server export directory to a shared upload network location.

Export File Name

STK_<store id>_<schedule id>_<date in YYYYMMDDHH24MISS format>.dat

STK_<store id>_<schedule id>_<date in YYYYMMDDHH24MISS format>.zip

STK_<store id>_<schedule id>_<date in YYYYMMDDHH24MISS format>.zip.complete

E

Appendix: UPC Barcode

UPC-E items compress a normal 12-digit UPC-A item into six digits. The application has the ability to decompress UPC-E barcodes to UPC-A. A seventh digit acts as a check digit for the UPC-E number. When the user scans the UPC-E barcode, the application finds the UPC-A barcode and displays the item ID associated with it.

Differences between UPC-A and UPC-E

UPC-E is also called zero suppressed UPC because UPC-E compresses a normal twelve-digit UPC-A number into a six-digit code by suppressing the number system digit, trailing zeros in the manufacturers code and leading zeros in the product identification part of the bar code message. A seventh check digit is encoded into a parity pattern for the six main digits. UPC-E can thus be uncompressed back into a standard UPC-A twelve-digit number.



Note:

Most bar code readers can be configured to automatically convert six-digit UPC-E numbers to twelve-digit UPC-A numbers before they are transmitted to a host computer.

The main difference between a UPC-A symbol and a UPC-E symbol is the size. The following image presents a UPC-A bar code (left) and the same data encoded as a UPC-E bar code (right):

Figure E-1 UPC-A and UPC-E Differences



To convert between UPC-A and UPC-E bar code numbers, you can use the following table or try online UPC-E converter program. In the following, the number 0 and each of the letters (a, b, c, d and e) represent individual digits in the bar code message. The letter X represents the UPC check digit.

Table E-1 UPC Conversion Table

UPC-A Number	Equivalent UPC-E	Notes
0ab0000cdeX	abcde0X	Manufacturer code must have two leading digits with three trailing zeros and the item number is limited to three digits (000 to 999).
0ab1000cdeX	abcde1X	Manufacturer code must have three leading digits ending with 1 and two trailing zeros. The item number is limited to three digits.
0ab2000cdeX	abcde2X	Manufacturer code must have three leading digits ending with 2 and two trailing zeros. The item number is limited to three digits.
0abc0000deX	abcde3X	Manufacturer code must have three leading digits and two trailing zeros. The item number is limited to two digits (00 to 99).
0abcd0000eX	abcde4X	Manufacturer code must have four leading digits with one trailing zero and the item number is limited to one digit (0 to 9).
0abcde00005X	abcde5X	Manufacturer code has all five digits. The item number is limited to a single digit consisting of either 5, 6, 7, 8 or 9.
0abcde00006X	abcde6X	
0abcde00007X	abcde7X	
0abcde00008X	abcde8X	
0abcde00009X	abcde9X	

Conversion between UPC-A and UPC-E

Not all UPC-A numbers can be compressed to UPC-E. These codes with a corresponding UPC-E code must have at least four zeros. The requirements are:

1. If the manufacturer code ends with 000, 100, or 200, the UPC-E code consists of the first two characters of the manufacturer code, the last three characters of the product code, followed by the third character of the manufacturer code. In this case, the product code must be 00000 and 00999.
2. If the manufacturer code ends with 00 but does not meet the first requirement, the UPC-E code consists of the first three characters of the manufacturer code, the last two characters of the product code, followed by digit 3. The product code can only contain two digits (00000 to 00099).
3. If the manufacturer code ends in 0 but none of the previous qualifies, the UPC-E consists of the first four digits of the manufacturer code and the last digit of the product code, followed by the digit 4. The product code in this case can only contain one digit (00000 to 00009).
4. If the manufacturer code ends with non-zero digit, the UPC-E code consists of the manufacturer code and the last digit of the product code. In this case the product case can only be one from 00005 to 00009 because 0 through 4 has been used for the previous four cases.

F

Appendix: EICS Provided URLs



Note:

The <Region Name> and <Customer Subnamespace> part of the URL should be replaced with the one specific to your environment. This will be the same as your cloud service Application URL provided in the Welcome email.

EICS web-client URL

Table F-1 EICS Application URL

	URL
EICS web-client	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/siocs-web-client

SOCS (connections config) URL

Table F-2 SOCS Connections URL

	URL
SOCS (Connections Config)	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/siocs-client-services/oracle.retail.sim.mobile.client.SimMobile/connections.xml

EICS Web Service URLs

Table F-3 EICS Web Service URLs

SIM-WS	URL
	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ActivityLockBean/ActivityLockService?wsdl
	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/FulfillmentOrderDeliveryBean/FulfillmentOrderDeliveryService?wsdl
	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/FulfillmentOrderPickBean/FulfillmentOrderPickService?wsdl
	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/FulfillmentOrderReversePickBean/FulfillmentOrderReversePickService?wsdl

Table F-3 (Cont.) EICS Web Service URLs

SIM-WS	URL
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/InventoryAdjustmentBean/InventoryAdjustmentService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/InventoryAdjustmentBean/InventoryAdjustmentService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ItemBasketBean/ItemBasketService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ItemBasketBean/ItemBasketService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/OrderRequestBean/OrderRequestService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/OrderRequestBean/OrderRequestService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/POSTransactionBean/POSTransactionService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/POSTransactionBean/POSTransactionService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ProductGroupScheduleBean/ProductGroupScheduleService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ProductGroupScheduleBean/ProductGroupScheduleService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ProductGroupBean/ProductGroupService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ProductGroupBean/ProductGroupService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ReplenishmentGapBean/ReplenishmentGapService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ReplenishmentGapBean/ReplenishmentGapService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/RfidInventoryBean/RfidInventoryService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/RfidInventoryBean/RfidInventoryService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ShelfAdjustmentBean/ShelfAdjustmentService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ShelfAdjustmentBean/ShelfAdjustmentService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ShelfReplenishmentBean/ShelfReplenishmentService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ShelfReplenishmentBean/ShelfReplenishmentService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StockCountBean/StockCountService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StockCountBean/StockCountService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreBean/StoreService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreBean/StoreService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreFulfillmentOrderBean/StoreFulfillmentOrderService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreFulfillmentOrderBean/StoreFulfillmentOrderService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreInventoryBean/StoreInventoryService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreInventoryBean/StoreInventoryService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreInventoryIsnBean/StoreInventoryIsnService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreInventoryIsnBean/StoreInventoryIsnService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreItemPriceBean/StoreItemPriceService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreItemPriceBean/StoreItemPriceService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreNotificationBean/StoreNotificationService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreNotificationBean/StoreNotificationService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreShipmentManifestBean/StoreShipmentManifestService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreShipmentManifestBean/StoreShipmentManifestService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreShipmentReasonBean/StoreShipmentReasonService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreShipmentReasonBean/StoreShipmentReasonService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreTicketBean/StoreTicketService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreTicketBean/StoreTicketService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreTransferBean/StoreTransferService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/StoreTransferBean/StoreTransferService?wsdl
	<a href="https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/TransferDeliveryBean/TransferDeliveryService?wsdl">https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/TransferDeliveryBean/TransferDeliveryService?wsdl

Table F-3 (Cont.) EICS Web Service URLs

SIM-WS	URL
	https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/TransferShipmentBean/TransferShipmentService?wsdl
	https://<eics_external_load_balancer_address>/<CUST_ENV>/VendorDeliveryBean/VendorDeliveryService?wsdl
	https://<eics_external_load_balancer_address>/<CUST_ENV>/VendorReturnBean/VendorReturnService?wsdl
	https://<eics_external_load_balancer_address>/<CUST_ENV>/VendorShipmentBean/VendorShipmentService?wsdl

EICS-RICS Integration URLs

EICS-RICS Message Publishing

Publisher Web Service URL

The message publisher service (SIM -> RIB) is hosted by RIB-SIM. EICS installation takes in the message publisher service WSDL URLs and updates the DB system configuration table.

The WSDL URL can also be updated via EICS System Configuration UI post install.

Table F-4 RIB Message Publishing

Database CONFIG_SYSTEM Name	System Configuration UI Display Name
integration.rib.publisher.wsdl.url	Integration Publisher Web Service URL

Web Service User Management

Oracle RICS RIB manages the RIB publisher user.

The publisher user (for example ribadmin) is created as part of the RIB/RTG install.

EICS chef scripts takes the input to add to EICS credential stores.

EICS Install Properties

- input.sim.integration.rib.user.alias=rib-user
- This property is for SIM calling the ApplicationMessagePublishingService. The username and password for the alias should match the user which is created as part of RIB-SIM and belongs to ribAdminGroup.
- The alias name should be unique within the domain, and should not conflict with database data source user alias (for example, in some environment, the SIMRIBAlias is used for db user sim01_RIB, if that is case, choose a different alias for sim -> rib publishing user)

Setting Up RIB Message Injector

Injector Web Service URL

RIB Message Injector Service is hosted in EICS application server.

The WSDL URL is:

`https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ApplicationMessageInjector-Bean/InjectorService?WSDL`

Web Service User Management

The injector user (for example, sim_int) must belong to integration_users IDCS or OCI IAM Application Role, the injector user needs to be created as part of EICS provisioning process.

EICS Installation Properties

- `input.sim.integration.rib.inject.user.alias`
- This property is used for RIB-SIM -> SIM (RIB-SIM calling SIM's injector service), the user is hosted in SIM app and assign integration role (integration_users IDCS or OCI IAM Application Role), the user is created as part of SIM install (for example, sim_int user)

See *Oracle® Retail Integration Bus Implementation Guide* Provisioning InjectorService URL

BI Related URL

Table F-5 BI Related URL

URL	
xmlpserver	<code>https://<GBUA-URL>/<TENANT_ID>/xmlpserver</code>

ORDS (Apex Data Viewer) URL

Table F-6 ORDS (Apex Data Viewer) URL

URL	
ORDS (Apex Data Viewer)	<code>https://rex.retail.<Region Name>.ocs.oraclecloud.com/<Customer Subnamespace>/ords</code>

G

Appendix: MPS Message Types

DCS Message Types

Incoming messages type from Data Collection System

Table G-1 DCS Message Types

MPS Family	MPS Message Type	Message
DcsAllocation	DcsAllocation	Allocation
	DcsAllocationImport	Allocation
DcsAsn	DcsAsnAdjustment	ASN Adjustment (adjusts delivery)
	DcsAsnShipment	ASN Shipment (creates delivery)
	DcsAsnReceipt	ASN Receipt (receives delivery)
	DcsTransferDelv	Transfer Delivery
	DcsTransferDelvDelete	Transfer Delivery Delete
	DcsTransferDelvImport	Transfer Delivery
	DcsTransferDelvUinImport	Transfer Delivery UIN
	DcsTransferShipImport	Transfer Shipment
	DcsTransferShipUinImport	Transfer Shipment
	DcsVendorDelv	Vendor Delivery
	DcsVendorDelvCancel	Vendor Delivery Cancel
	DcsVendorDelvImport	Vendor Delivery
	DcsVendorDelvUinImport	Vendor Delivery UIN
	DcsVendorShipUinImport	Vendor Shipment UIN
	DcsVendorReturnShipmentImport	Vendor Shipment
DcsDiff	DcsDiff	Differentiator
	DcsDiffType	Differentiator Type
DcsFiscalDocument	DcsFiscalDocument	Fiscal Document
DcsHierarchy	DcsItemHierarchy	Item Hierarchy (department, class, or subclass)
DcsItem	DcsItem	Item
	DcsItemApprove	Item Approved
	DcsItemImage	Item Image
	DcsItemRelated	Item Relationship
	DcsItemTicketType	Item Ticket Type
	DcsItemUda	Item User Defined Attributes
	DcsItemUinImport	Item UIN

Table G-1 (Cont.) DCS Message Types

DcsItemLocation	DcsItemWarehouse	Warehouse Item
	DcsItemWarehouseReq	Warehouse Item (bulk processing request)
	DcsItemFinisher	Finisher Item
	DcsItemFinisherReq	Finisher Item (bulk processing request)
	DcsItemStore	Store Item
	DcsItemStoreReq	Store Item (bulk processing request)
	DcsItemStoreReplenish	Store Item Replenishment
DcsOrder	DcsOrderApprove	Purchase Order (Approved)
	DcsOrderReview	Purchase Order (For Review as Store Order)
	DcsOrderImport	Purchase Order
	DcsStoreOrder	Store Order (third-party integration)
DcsPartner	DcsPartner	Partner (Finisher)
DcsPrice	DcsPrice	Price
DcsRtv	DcsVendorReturn	Return To Vendor Request
	DcsVendorReturnImport	Return To Vendor Request
DcsStore	DcsAddress	Entity Address (store, finisher, supplier, warehouse)
	DcsStore	Store
DcsSupplier	DcsSupplier	Supplier
DcsSupplierItem	DcsSupplierItem	Supplier Item
	DcsSupplierItemCountry	Supplier Item Country
	DcsSupplierItemCountryDim	Supplier Item Country Dimensions
	DcsSupplierItemCountryManufacture	Supplier Item Country of Manufacture
	DcsSupplierItemUom	Supplier Item Unit Of Measure
DcsTransfer	DcsTransferRequest	Transfer Request
	DcsTransferReview	Transfer Review (For Review as Store Order)
	DcsTransferImport	Transfer Import
DcsUda	DcsUda	User Defined Attribute
DcsWarehouse	DcsWarehouse	Warehouse
	DcsWarehouseAdjust	Warehouse Inventory Adjustment

DCS Message Type Source

Table G-2 DCS Message Type Source

MPS Family	MPS Message Type	ICL Direct DB	REST Service	File Import

Table G-2 (Cont.) DCS Message Type Source

DcsAllocation	DcsAllocation	X	X	
	DcsAllocationImport			X
DcsAsn	DcsAsnAdjustment	X	X	
	DcsAsnShipment	X		
	DcsAsnReceipt*	**		
	DcsTransferDelv		X	
	DcsTransferDelvDelete		X	
	DcsTransferDelvImport			X
	DcsTransferDelvUinImport			X
	DcsTransferShipImport			X
	DcsTransferShipUinImport			X
	DcsVendorDelv		X	
	DcsVendorDelvCancel		X	
	DcsVendorDelvImport			X
	DcsVendorDelvUinImport			X
	DcsVendorShipUinImport			X
	DcsVendorReturnShipmentImport			X
DcsDiff	DcsDiff	X	X	
	DcsDifftype	X	X	
DcsFiscalDocument	DcsFiscalDocument	X		
DcsHierarchy	DcsItemHierarchy	X	X	
DcsItem	DcsItem	X	X	
	DcsItemApprove	X		
	DcsItemImage	X	X	
	DcsItemRelated	X	X	
	DcsItemTicketType	X		
	DcsItemUda	X	X	
	DcsItemUinImport			X
DcsItemLocation	DcsItemWarehouse	**		
	DcsItemWarehouseReq	X	X	
	DcsItemFinisher	**	X	
	DcsItemFinisherReq	X	X	
	DcsItemStore	**	X	
	DcsItemStoreReq	X	X	
	DcsItemStoreReplenish			
DcsOrder	DcsOrderApprove	X	X	

Table G-2 (Cont.) DCS Message Type Source

	DcsOrderReview	X		
	DcsOrderImport			X
	DcsStoreOrder		X	
DcsPartner	DcsPartner	X	X	
DcsPrice	DcsPrice	X		X
DcsRtv	DcsVendorReturn	X	X	
	DcsVendorReturnImport			X
DcsStore	DcsAddress	X	X	
	DcsStore	X	X	
DcsSupplier	DcsSupplier	X	X	
DcsSupplierItem	DcsSupplierItem	X	X	
	DcsSupplierItemCountry	X	X	
	DcsSupplierItemCountry Dim	X	X	
	DcsSupplierItemCountry Manu	X	X	
	DcsSupplierItemUom	X	X	
DcsTransfer	DcsTransferRequest	X	X	
	DcsTransferReview	X		
	DcsTransferImport			X
DcsUda	DcsUda	X	X	
DcsWarehouse	DcsWarehouse	X	X	
	DcsWarehouseAdjust		X	

** Indicates it is a byproduct of mps processing and not directly used by any integration point