# Purpose

In order to test forecasting, a representative set of data for product sales and receiving is required. Because this is cumbersome and difficult to create manually a process has been created to copy sales and invoice data from a production environment and load the data into a test system. This Document describes the required steps to extract the data from the production system and import it into the test system.

## Generate Id Replacement Mapping File for Inventory Items

In order to load the on hand inventory data, the item id values for item much be changed to match the destination system.

* The first step to accomplish this is to create a file that contains the mapping values between the two systems. In the Data Extraction and Loading folder Program Files Subdirectory there is a folder named “70 - On Hand Qty from BU to New BU”. It contains three SQL scripts.
  + Step 1 - Item Id Map Extract Source DB.sql
  + Step 2 - Item Id Map Insert Dest DB.sql
  + Step 3 –- Item Id Map Create Map.sql
* Run the scripts in order.
  + Step 1 must be executed in the source BC/ESO database. It will create a table named bcssa\_custom\_integration.. bc\_extract\_item\_map.
  + Step 2. Using the SQL Server management studio, extract the data from the table into a .sql file and name the sql file “Step 2 – ItemId Map Insert Dest DB.sql”. Execute this sql in the destination BC/ESO database.
  + Step 3 must be executed in the destination BC/ESO database. It will populate a table named bc\_extract\_item\_map. Save this table as a comma delimited file to the Data Extraction and Loading folder “Import Files\On Hand Qty from BU to New BU\Mapfiles\” Subdirectory using the file name “ItemIdMapping.csv”.

## Create the Source BU Count File

* Log into the source DB server and open a query window.
* Load the file from the Data Extraction and Loading folder Program Files\70 - On Hand Qty from BU to New BU named “Step 4 - Extract Item Counts for Auditor Import.sql.”
* Change the values accordioning:

-- Set the bu code for the original bu

SELECT @original\_bu\_id = data\_accessor\_id

FROM Rad\_Sys\_Data\_Accessor where name = '0001001'

-- Set the id value for the new bu (it may not be in the same database)

SELECT @new\_bu\_id = 999

-- Set the id of the audit worksheet in the destination system

SET @worksheet\_id = 999

-- Set the timestamp of the count – this should match an open bu day for the destination bu

SET @count\_timestamp = '2019-04-24 00:00:01'

* Execute the script. Use the save as function on the local server to save the results as a csv file with headers.
* On the local machine save this file to the Data Extraction and Loading folder “Import Files\On Hand Qty from BU to New BU\Mapfiles\” Subdirectory using the file name “Count Export Original.csv”.

## Replace the Item Id Values

* On the local machine save this file to the Data Extraction and Loading folder “Program Files\ 70 - On Hand Qty from BU to New BU” and run the cmd file named “cmd - Replace Item Id Values in Count.”
* On the local machine in the Data Extraction and Loading folder “Import Files\On Hand Qty from BU to New BU\Mapfiles\” Subdirectory a new file will be created named “Count Export Replaced.csv”.

## Import the Destination BU Count File

* Copy the contents of the “Count Export Replaced.csv” file to the clipboard.
* Save the file in a place that can accessed by the External auditor count import.
* Log into an instance of BC/ESO and locate the External Auditor Import function. Follow the steps and when prompted import the file.