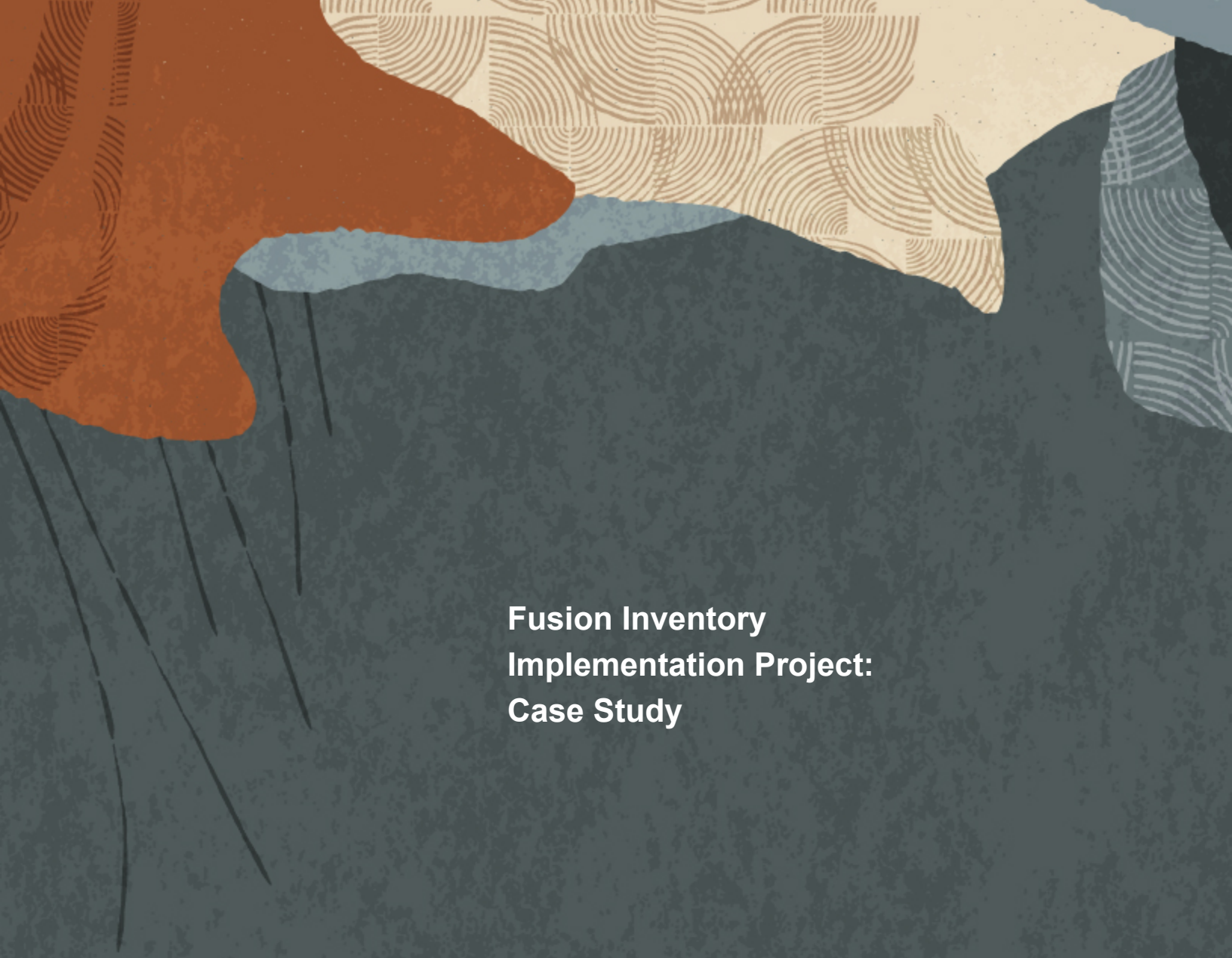

Fusion Inventory Implementation Project: Case Study

1009202023

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INVENTORY STOCK MOVEMENT: Case Study

As an Implementation Consultant, you will examine the client's actual business process and the specifications provided. Your goal is to validate the concepts that you have learned during the Inventory training sessions.

This document provides the notes from the client discovery workshops. These notes provide details on the legal entities, business units, managing Inventory and subinventory organizations, locators, inventory transaction configurations, managing receiving parameters, and items of the client. Using these notes, you will configure the new unit consisting of a production plant and a warehouse, which will result in large stock movement and inventory transactions.

As an expert Implementation Consultant tasked with designing and configuring the InFusion Financials enterprise structure, you will apply the Inventory Cloud setup into an Oracle instance.

In this Implementation, you will:

- Enter enterprise and organization structure based on the provided information
- Enable inventory functions for a new business unit (BU)
- Set up a new item
- Define a new inventory organization and item assignment
- Configure new subinventory and locator combinations

Upon request, an environment and an Implementer ID (such as scm_impl01) will be given to you. This environment is being used by multiple users at the same time, so refer to the chart provided for the code (xx) you should use to complete this case study. For example, if your code is **scm_implxx**, substitute your Implementer ID for xx.

Note: Be sure to use only your assigned code to not interfere with other users in the environment.

Business Description

InFusion Financials, headquartered in Atlanta, Georgia, operates with different business units (BUs) for US and UK business processes.

To expand its operations under the UK legal entity, it plans to establish a new BU in Manchester. This new unit will include a manufacturing plant and warehouse, resulting in significant stock movement and inventory transactions.

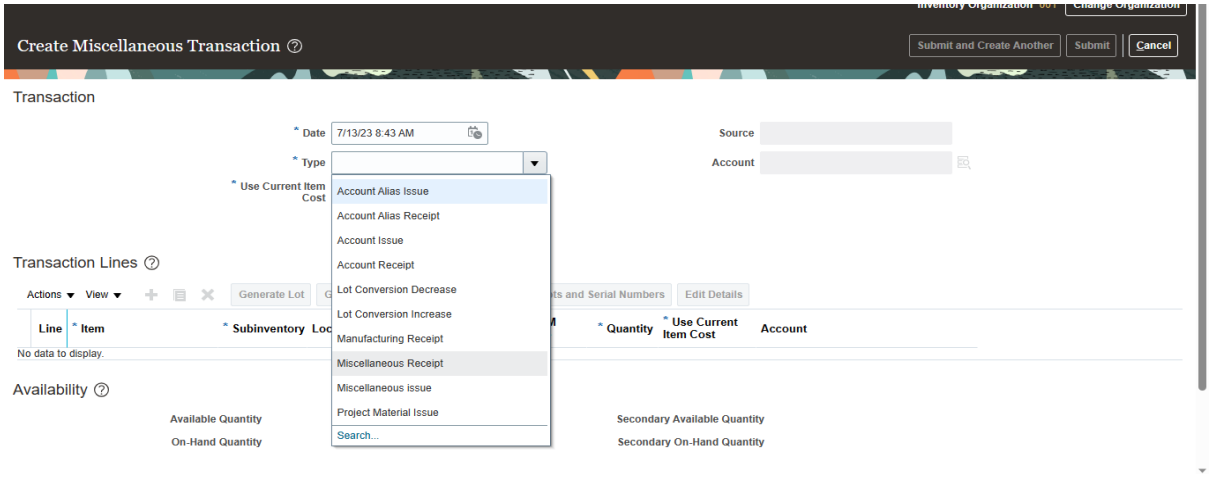
The following are the details to set up the new entity:

- Default working hours are: 9:00 to 17:00 with a 40-hour work week
- The transactions belonging to the new BU will be mostly in the GBP (British Pound) currency.
- The new business unit should be enabled to perform all inventory transactions.
- Inventory material transactions will be within the same organization.
- Material transactions can occur across different organizations.

Miscellaneous Transaction

This transaction type is used to issue and receive material/stock into the inventory organization.

The item can be received or issued from a specific combination of subinventory and locator of an inventory.

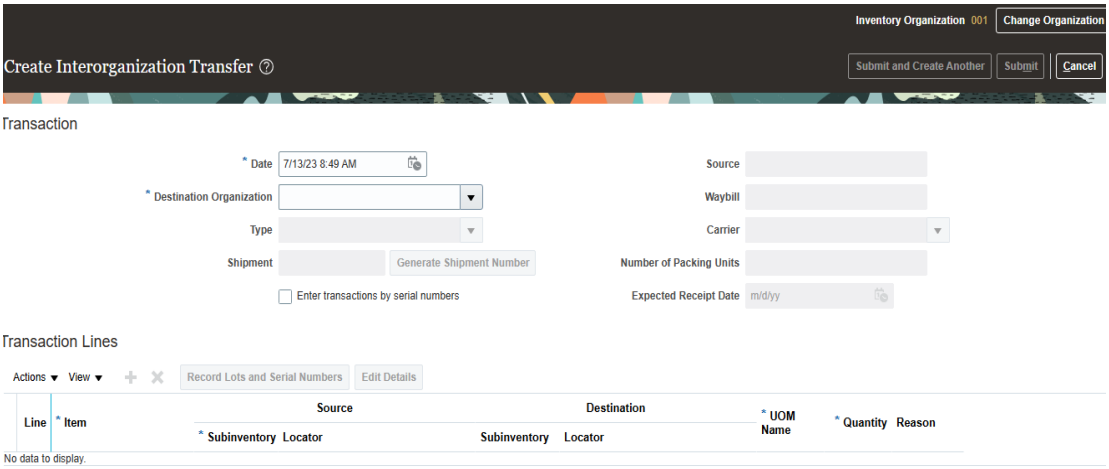


Interorganizational Transfer

Transfer multiple items in a single transaction, including transferring partial quantities of the same item to different subinventories and locators.

Note: The items you transfer must already exist in both organizations. Additionally, you have the option to transfer expense and asset items from one organization to another using in-transit inventory.

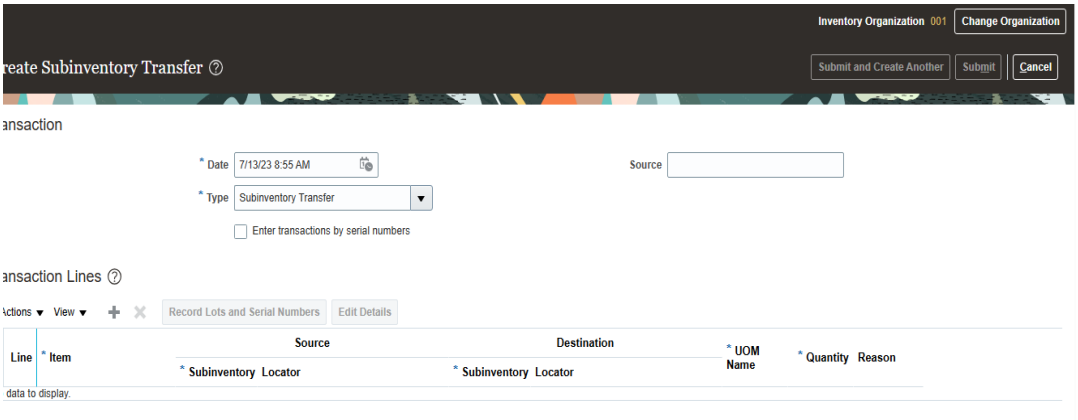
Inter org transfer is used mostly when there is shortage of item stock in one inventory and the other inventory has the required stock available, within the same company.



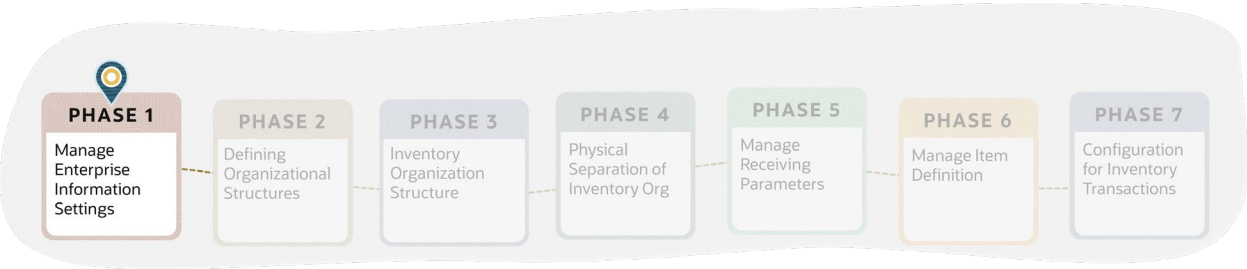
Note: If the item is serial-controlled, you must enter the serial details by using record **lot** and **serial numbers**.

Subinventory Transfer

This transaction is used to move item stock from one subinventory to another. During transaction, you specify the “From” and “To” subinventories, that is the source and destination subinventories of same organization. You can also move material between locators within a subinventory.



Implementation Challenge: Phase I – Manage Enterprise Information Settings



Your first task as an Inventory Implementation Consultant is to design and configure the company's enterprise structure. You will configure locations, business units, and business functions with Enterprise Information settings.

Task 1: Locations

Define a new location within Manage Locations, which involves identifying a physical address in the system.

This location is a part of basic inventory configuration, which is the base for any further inventory configurations.

Note: There is no specific requirement for data hiding or a particular data set. Therefore, you can assign this location as **Common Set**.

Task 2: Manage Business Units

You will define a new business unit (BU) by using the location defined in Task 1.

Task 3: Assign Business Unit Business Function

This configuration task enables the products/functions in the new business unit. Modules required to support the business requirement would be enabled in this task.

Enable the XX UK Manchester BU business unit functions:

- Materials Management
- Receiving

Financial Reporting

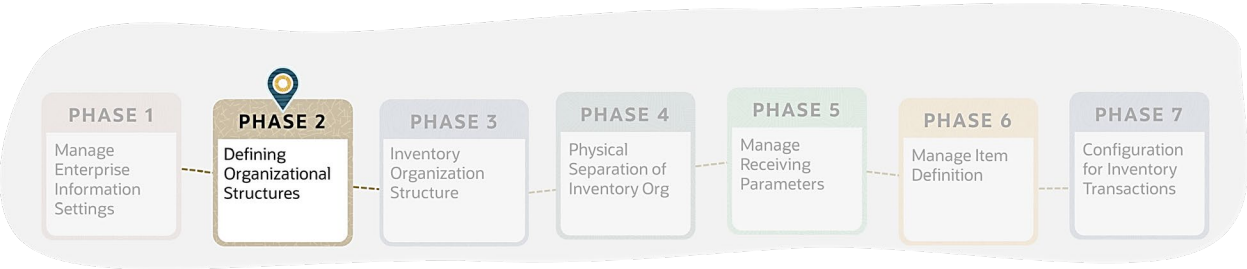
- The primary ledger belonging to the new business unit needs to be assigned here.
- Assign the UK Primary Ledger and Default UK Legal Entity in the Financial Reporting section for this new BU defined.

Task 4: Manage Value Set Values

Use the same chart of accounts (CoA) assigned for the UK Primary Ledger. A new company code will need to be defined to track the operations in the new entity.

Add a new value to an existing CoA value set code. Use this new value to generate a new account code combination belonging to the transactions of the new business unit.

Implementation Challenge: Phase II – Defining Organizational Structures



You have completed configuring the Enterprise Information Settings to match your client's requirements. You will now configure the timing of operations, the pattern of working, and facility schedule for the organization.

Task 1: Facility Shifts

Ensure the timings of operations in the new entity are defined in the system as part of this task.

Note: The working hours, are 9:00 to 17:00, facility shift as the **UK Day Shift**.

Task 2: Facility Workday Patterns

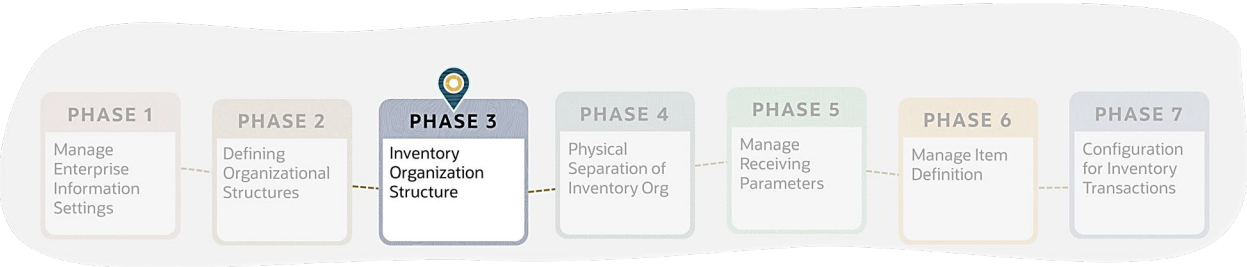
Ensure the Workday pattern is defined for the organization.

Note: The new facility operates in the Day Shift, seven days a week, i.e. **UK Standard Work Week**.

Task 3: Facility Schedules

Ensure the facility schedules are associated with the inventory organizations.

Implementation Challenge: Phase III – Inventory Org Structure



Now, you will be configuring the most essential part of the implementation, where you will define the complete inventory design and structure, assign business unit to organizations, legal entities, and ledger, based on which you will perform all the inventory transactions.

Task 1: Item Organizations

Check the Master Item organization

Note: The following are the item organizations currently available within the system:

- Name: Operations
- Usage: Item Management
- Location Address Name: Headquarters
- Internal or External: Internal

Task 2: Inventory Organizations

An inventory organization is the facility where items are stored and transacted. The organization must define at least one inventory organization to perform any transaction related to items.

Use the following steps to define a new inventory org in the system:

- Define new inventory organization.
- Assign the newly created business unit to the new inventory organization.
- Assign the existing Legal Entity: UK Legal Entity.
- Profit center BU value should autopopulate as the new business unit.
- Location details should autopopulate based on the BU details.
- Repeat the same process to define multiple inventory organizations.

Item Definition Settings

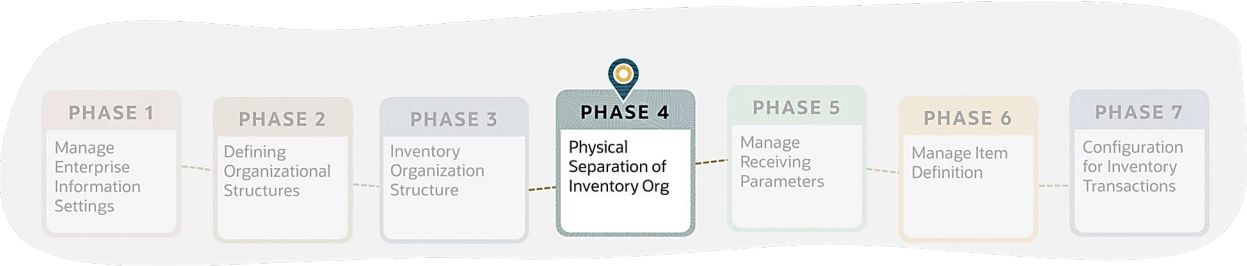
Ensure the existing Item Master Organization: Operations

Inventory Settings

Ensure the existing Schedule: UK STANDARD WORK WEEK SCHEDULE

Note: Retain the default values for the rest of the options as there is no specific requirement for the definition of the inventory organization.

Implementation Challenge: Phase IV – Physical Separation of Inventory Organization



After you have defined the inventory org, you can now define the unique physical or logical division of inventory into subinventories as storage locations.

Task 1: Manage Subinventories

Define the subinventory that will be used to store or track the items in your inventory organization.

Note: Important things to consider while defining a new subinventory in the system:

- Material status
- Subinventory type
- Locator control option and locator structure
- Subinventories with the same name can be created in different organizations

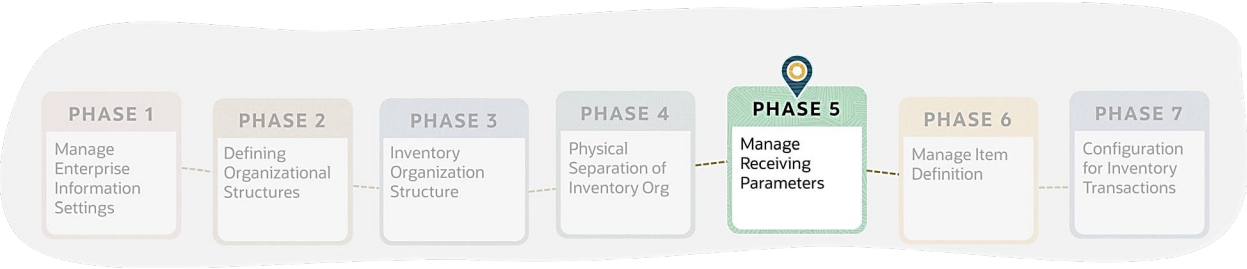
Task 2: Manage Locators

Locators are used to identify physical areas where inventory items are stored. They can track item quantities. Items can also be restricted to specific locators.

Important things to consider while defining the new locator in the system:

- Material status
- Locator structure
- Locator type
- Locators with the same name can be created in different organizations

Implementation Challenge: Phase V – Manage Receiving Parameters

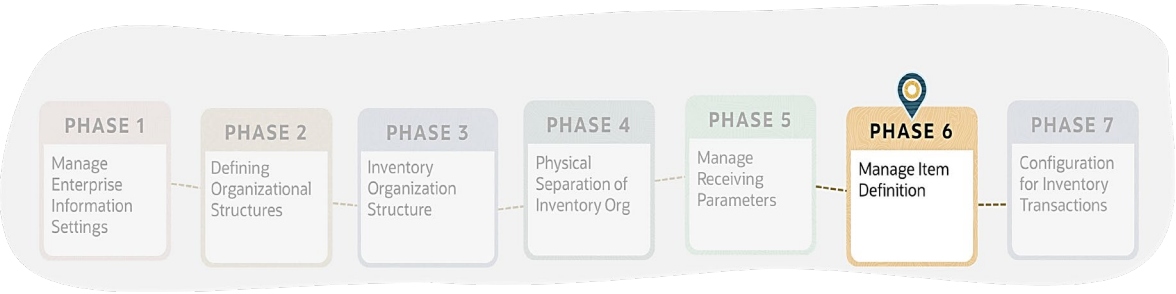


Followed by the inventory configurations, you need to define the receiving parameters at the organization level. General receiving parameters must be set up before using Oracle Receiving for recording and transacting receipts.

Note: Important things to consider while defining receiving parameters are:

- Over-receipt Action
- Receipt Generation
- Receipt Routing

Implementation Challenge: Phase VI – Manage Item Definition



As part of the item definition process, you will now create items in the item master by using an item template that groups and defines their attributes for reuse. Additionally, you need to select the item class, which determines the characteristics of the item.

Task 1: Item Definition

Define and update items and the attributes associated with them in the Master item window (such as description, lead time, unit of measure, lot control, and so on).

Note: Important things to consider while defining new item are:

- Item Class
- Templates

Task 2: Manage Item Class

Item class data security is not enabled for the item. To make the item securely accessible to specific organizations and users, this setup is used.

By using the Security tab within manage item class, all the required actions on an item can be permitted to the user, so that user can read, edit, delete, and assign item to the organization.

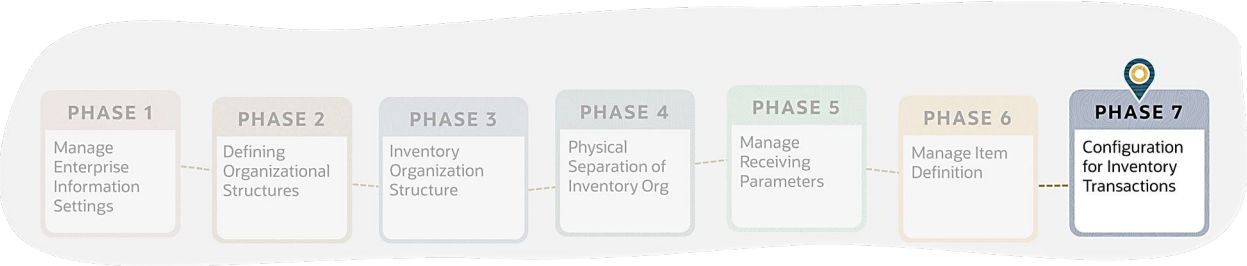
Ensure to repeat the series of steps for each org, 000, XXINVORG1, XXINVORG2, and save.

Task 3: Item Org Assignment

After an item is defined in the item master, to make the item available in different organizations for inventory transactions, you must associate the item to a newly created organization.

With this assignment, you can restrict item use for transactions specific to inventory organizations.

Implementation Challenge: Phase VII – Configuration for Inventory Transactions



In this phase you will configure the interorganizational parameters, mapping set, and data access to orgs for the user.

Task 1: Define Interorganizational Parameters

To transfer material between inventory organizations, you need to set up relationships between source and destination inventory organizations. This relationship is created by using Manage Interorganizational Parameters.

The source and destination orgs combinations to be specified, and org combinations also need to be defined.

Task 2: Manage Mapping Set

Define mapping sets that can be used to associate a specific output value with an account or segment. You can use mapping sets in account rules to build the account.

Note: Important things to consider while defining mapping set are:

In-Transit Inventory Value:

- Input Source
- Chart of Accounts and UK Chart of Accounts Mappings
- Inventory Organizations
- Account Codes

Inter Inventory Transfer Credit:

- Input Source
- Chart of Accounts and UK Chart of Accounts Mappings
- Inventory Organizations
- Account Codes

Task 3: Manage Data Access to User

Associate the new BU and new inventory org to ensure the correct data access of BU and Inv org is available to the user.

Note: Below are the important components to be used while defining data access to the user:

- User: Student, SCMXX

- Business Unit: XX UK Manchester BU
- Roles: Inventory Manager, Warehouse Manager, Product Data Steward
- Security Context: Business Unit, Inventory Org
- Security Context values: XXINVORG1, XXINVORG2

Practice Overview: Implementer Sign-Ins

Overview

For this case study, whenever you need to sign in as an implementer, use the student number and the corresponding implementer sign-ins assigned to you for all scenarios.

Student Number	Implementer Sign-in
01	SCM01.Student
02	SCM02.Student
03	SCM03.Student
04	SCM04.Student
05	SCM05.Student
06	SCM06.Student
07	SCM07.Student
08	SCM08.Student
09	SCM09.Student
10	SCM010.Student
11	SCM11.Student
12	SCM12.Student
13	SCM13.Student
14	SCM14.Student
15	SCM15.Student
16	SCM16.Student
17	SCM17.Student
18	SCM18.Student
19	SCM19.Student
20	SCM20.Student

Annexure I: Business Axis

Enterprise and Inventory Org Structure