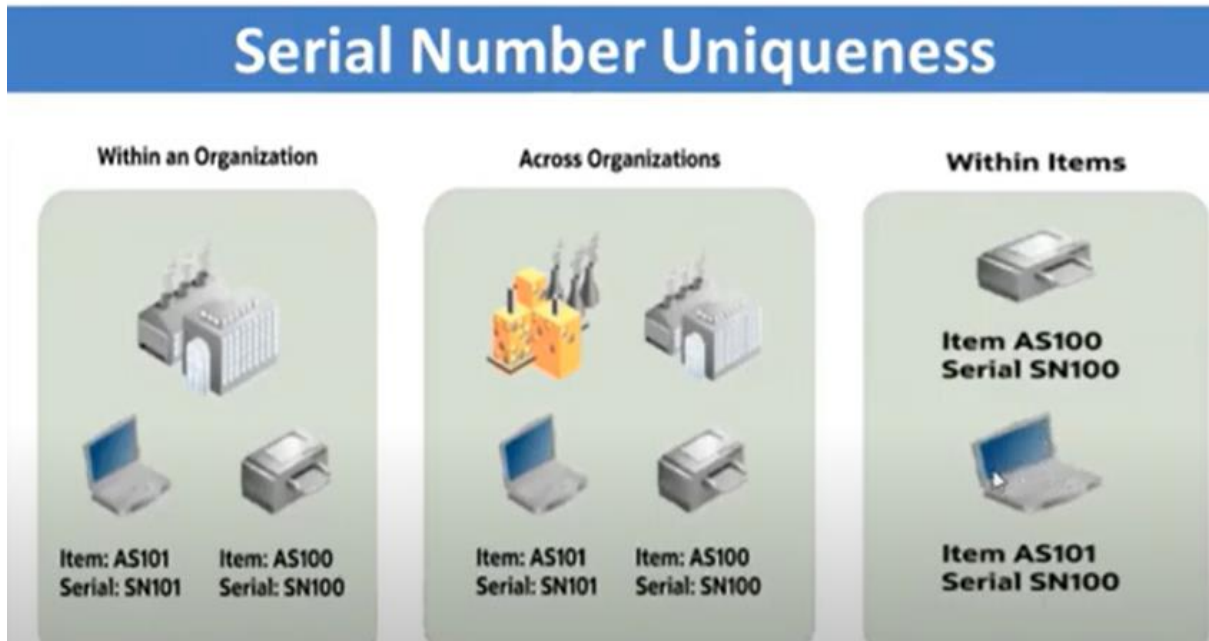


Inventory Controls: -

1. Serial Control→
2. Lot Control
3. Revision Control
4. Locator Control

1. **Serial Control:** - Serial Number is a alphanumeric identifier assigned to an item.
Oracle inventory provides complete serial number support for inventory transactions.
Serial number in a form of number or bar code.



Serial number is unique across items, within organization and across organization.

Manage Inventory Organization: -

Manage Inventory Organizations Done

Search Advanced Saved Search All Inventory Organizations

Organization Profit Center Business Unit
 Organization Name Legal Entity
 Management Business Unit

Search Reset Save...

Search Results

Actions View Format Freeze Detach Wrap Manage Organization Parameters

Organization	Organization Name
002	Atlanta
101	Bristol
003	Chicago
001	Seattle
100	Manchester
151	Marseille
150	Bordeaux
PRG01	Progress Operations
050	Shanghai
051	Shenzhen

Columns Hidden 7

Empty search, then select the organization

1) Serial number at organization level:-

Manage Inventory Organizations Done

Search

Organization Profit Center Business Unit
Organization Name Legal Entity
Management Business Unit

Advanced Saved Search All Inventory Organizations

Search Reset Save...

Search Results

Actions View Format ☐ Freeze ☐ Detach ☐ Wrap **Manage Organization Parameters**

Organization	Organization Name
002	Atlanta
101	Bristol
003	Chicago
004	Seattle
100	Manchester
151	Manassette
150	Bordeaux
PRE001	Progress Operations
050	Shanghai
001	Shenzhen

Columns Hidden: 7

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vision

Manage Inventory Organization Parameters: Seattle Back Next Save Save and Close Cancel

Financial Information

Management Business Unit US1 Business Unit Legal Entity US1 Legal Entity
Primary Ledger US Primary Ledger Profit Center Business Unit US1 Business Unit

General **List, Serial Number, and Packing Unit** Item Sourcing Details Additional Information

General Information

Item Definition Settings

* Item Master Organization
Item Grouping Behavior Definition Organization
Item Definition Organization Seattle
* Starting Revision

Inventory Settings

* Schedule
Time Zone (UTC+00:00) Coordinated Universal Time
Locator Control
☐ Enable inventory tracking by project
☐ Enable inventory tracking by country of origin
☐ Warehouse accepts substitute items
☒ Allow negative balances

☐ Allow negative on-hand transactions
☐ Use original receipt date
☐ Round reorder quantity
☐ Automatically cancel transfer order backorders
☐ Automatically cancel sales order backorders
☐ Use current item cost

Additional Usages

☒ Organization is a manufacturing plant

Movement Request

Pick Slip Batch Size

Child Lot Control

Generation

Prefix

Total Length

☐ Zero pad suffix☐ Copy lot attributes☐ Format validation

Serial Number Generation ?

Uniqueness

Unique across organizations

Generation

Unique across organizations

Prefix

Unique within inventory items

Unique within model and inventory items

Unique within organization

Packing Unit Generation ?

Total Length

Prefix

Total Length

Starting Packing Unit

☐ Copy lot attributes☐ Format validation

Serial Number Generation ?

Uniqueness

Unique across organizations

Generation

At organization level

Prefix

At item level

At organization level

User defined

Packing Unit Generation ?

Generation ☐ Zero pad suffix

Prefix ☐ Copy lot attributes

Total Length ☐ Format validation

Serial Number Generation ?

Uniqueness Starting Serial Number

Generation System Selects Serial Numbers

Prefix

Packing Unit Generation

Total Length Starting Packing Unit

Prefix Suffix

☐ GS1-128

Save and close

2) Serial number Generation at item level:-

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vision Search for people and actions

Good morning, scm10 student

Sales Redwood Sales Service Me Procurement Help Desk **Product Management** Risk M >

QUICK ACTIONS

- Manage Commercial Items
- Manage Engineering Items
- Manage Configurator Models
- Manage Item Catalogs
- Manage Commercialization Change Orders

APPS

- Innovation Management
- Ideas
- Concept Design
- Product Development
- Configurator Models
- Product Information Management

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Product Information Management

Product Information Management ?

Time Interval Last 24 hours

Supplier Products
All Statuses ▼
No data available

Publication Status
▼
Items 0
Item Class 0

Item Completeness
100% ▼

Import Batches

New Item Priority
0 High
0 Med
0 Low

Item Management

- Create Item
- Manage Items
- Browse Items
- Create Pack
- Create Item Structure
- Manage Catalogs
- Manage Manufacturers
- Manage Trading Partner Items
- Manage Item Relationships
- Manage Delete Groups

Data Governance

- Manage New Item Requests
- Manage Change Orders
- Manage Item Rule Sets
- Analyze Item Rule Set Impact
- Manage Worklist

Create Item

* Organization000

Create New

Create from Copy

* Number of Items1

* Item ClassRoot Item Class

Item Class DescriptionRoot Item Class

Templates

Available List

S1 - ATO Options
S1 - Assemblies
S1 - Purchased Component
Service Items (Time Unit)
Subassembly
Supply Item
FG - Design Items

>

>>

<

<<

Selected List

Purchased Item

<

<

>

>

OK

Cancel

Product Information ManagementCreate Item

Create Item

ActionsSaveSubmitQuick SubmitCancel

No items to display

* ItemTest_001

* DescriptionTesting purpose

Item ClassRoot Item Class

Approval StatusDraft

Completeness Score

Created ByPSCM10 STUDENT

Item StatusActive

Lifecycle PhaseActive

User Item TypePurchased Item

Pack TypeBase Unit or Each

RevisionA

Creation Date11/17/24 10:10 AM

OverviewSpecificationsStructuresAttachmentsAssociationsRelationshipsCategoriesQuality

Formatted Description

Long Description

Mandatory Attributes

* Primary Unit of MeasureEach

Unit of Measure

* Primary Unit of MeasureEach

Tracking Unit of MeasurePrimary

PricingPrimary

ConversionsBoth

Secondary Unit of Measure

Defaulting Control

Positive Deviation Factor0

Negative Deviation Factor0

Grade Control

Grade Controlled

No

Default Grade

Serial

Generation

Predefined serial number

Starting Number

5001

Starting Prefix

SN

Material Policy

Item

Test_001

Description

Testing purpose

Item Class

Root Item Class

Approval Status

Draft

Completeness Score

Created By

SCM10 STUDENT

Item Status

Active

Lifecycle Phase

Active

User Item Type

Purchased Item

Pack Type

Revision

A

Creation Date

11/17/24 10:10 AM

No items to display

None

Overview

Specifications

Structures

Attachments

Associations

Relationships

Categories

Quality

History

Organizations

Supplier Organizations

Actions

View

Format

Reassign

Freeze

Detach

Wrap

Organization	Organization Name	Item Status	Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status	Change Order: Line	Chi Sta
001	Seattle	Active	Each	Primary	Primary			0	0	Draft		
000	Operations	Active	Each	Primary	Primary			0	0	Draft		

Save and submit

Generate Serial numbers:-

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Product Information Management

Manage Items

Manage Items

Root Item Class

Done

Advanced Search

Saved Search

Application Default

Search Results

Actions

View

Format

Compare

Image

Hide

Item Class	Item	Description	Long Description	Formatted Description	Approval Status
Networking Components	CM1501020	12 Port	12 Port		Approved
Networking Components	CM1501020	12 Port	12 Port		Approved
Networking Components	CM1501021	24 Port	24 Port		Approved
Networking Components	CM1501021	24 Port	24 Port		Approved
Networking Components	CM1501022	48 Port	48 Port		Approved
Networking Components	CM1501022	48 Port	48 Port		Approved

Item: CM1501020

* Description: 12 Port

Item Class: Networking Components

Approval Status: Approved

Completeness Score:

Created By: KAREN CURTIS

Item Status: Active

Lifecycle Phase: Production

User Item Type: Finished Good

Pack Type: Base Unit or Each

Revision: A

Creation Date: 1/25/16 7:56 PM

Switch_Ports.gif

Overview Specifications Structures Attachments **Associations** Relationships Categories Quality History

Organizations Supplier Organizations

Actions View View Format Reassign Freeze Detach Wrap

Organization	Organization Name	Item Status	* Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status	Change Order: Line	Chu Sta
000	Operations	Active	ZZU	Primary	Primary			0	0	Approved		
001	Chicago	Active	ZZU	Primary	Primary			0	0	Approved		

Add this item to our orgs 001,002 etc

Item: CM1501020

* Description: 12 Port

Item Class: Networking Components

Approval Status: Approved

Completeness Score:

Created By: KAREN CURTIS

Item Status: Active

Lifecycle Phase: Production

User Item Type: Finished Good

Pack Type: Base Unit or Each

Revision: A

Creation Date: 1/25/16 7:56 PM

Switch_Ports.gif

Overview Specifications Structures Attachments **Associations** Relationships Categories Quality History

Organizations Supplier Organizations

Actions View View Format Reassign Freeze Detach Wrap

Organization	Organization Name	Item Status	* Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status	Change Order: Line	Chu Sta
001	Seattle	Active	ZZU	Primary	Primary			0	0	Approved		
002	Atlanta	Active	ZZU	Primary	Primary			0	0	Approved		
000	Operations	Active	ZZU	Primary	Primary			0	0	Approved		
001	Chicago	Active	ZZU	Primary	Primary			0	0	Approved		

Switch_Ports.gif

Switch_Ports.gif

Overview

Specifications

Structures

Attachments

Associations

Relationships

Categories

Quality

History

Item

Transactional Attributes

Product Details

Product Development

Item Revision

Additional Attributes

Item Organization

Manufacturing

Service

Inventory

Physical Attributes

Sales and Order Management

Planning

Purchasing

Item Organization: Inventory

Material Control

Inventory Item

Yes

Stocked

Yes

Transaction Enabled

Yes

Reservable

Yes

Check Material Shortage

No

Revision Control

No

Bulk Picked

No

Lot

Control

No lot control

Starting Prefix

Starting Number

Maturity Days

Hold Days

Prefix

Starting Number

Child Lot Generation

Grade Control

Grade Controlled

No

Serial

Generation

Predefined serial number

Starting Prefix

SN

Material Policy

Lot Expiration

Control

No shelf life control

Shelf Life Days

0

Retest Interval

Expiration Action

Expiration Action Interval

Lot Substitution Enabled

Lot Merge Enabled

No

Starting Number

1000

Generation: Update Predefined serial number

Starting Prefix: SN

Starting Number: 1000

Save and close

est instance cloned from production on 11-14-2024

vision

uct Information Management

Manage Items

Item: CM1501020 (000)

edit Item: CM1501020 (000)

Item

CM1501020

Description

12 Port

Item Class

Networking Components

Approval Status

Approved

Completeness Score

Created By

KAREN CURTIS

Item Status

Active

Lifecycle Phase

Production

User Item Type

Finished Good

Pack Type

Base Unit or Each

Revision

A

Creation

12/14/2024

Save

Cancel

Save and Close

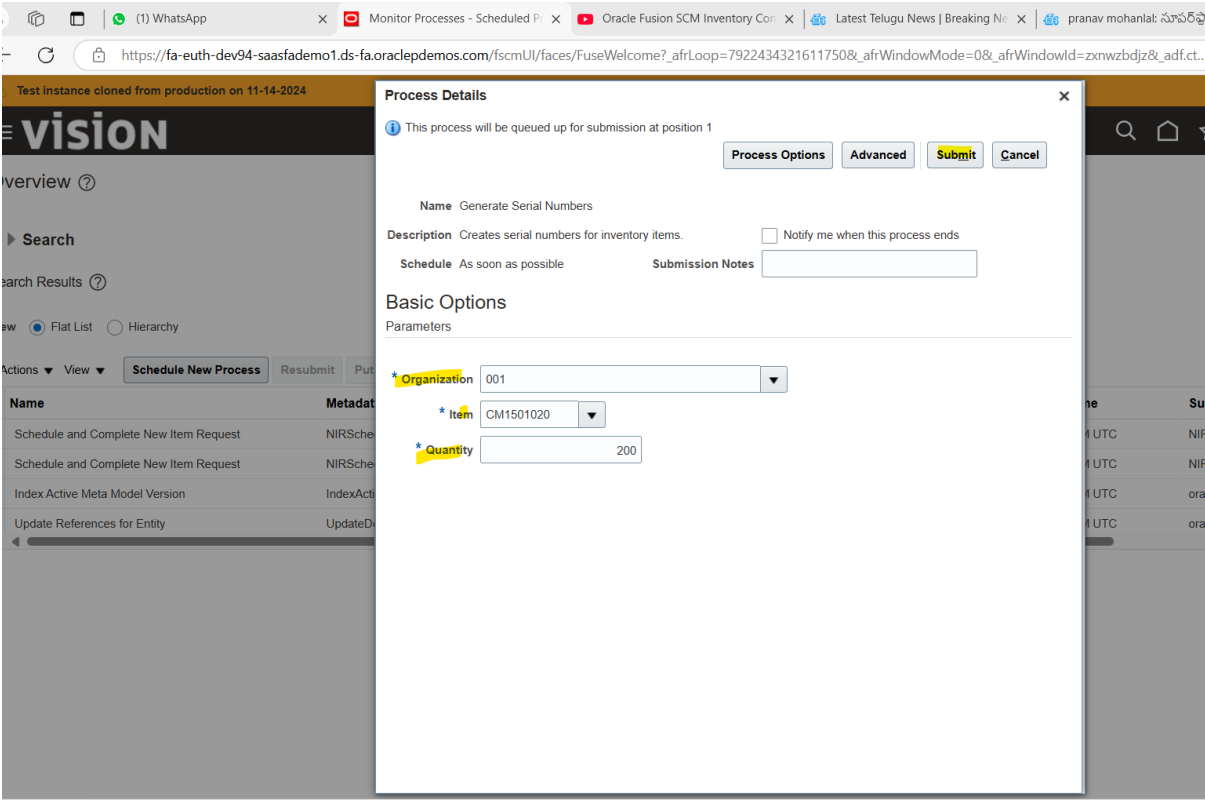
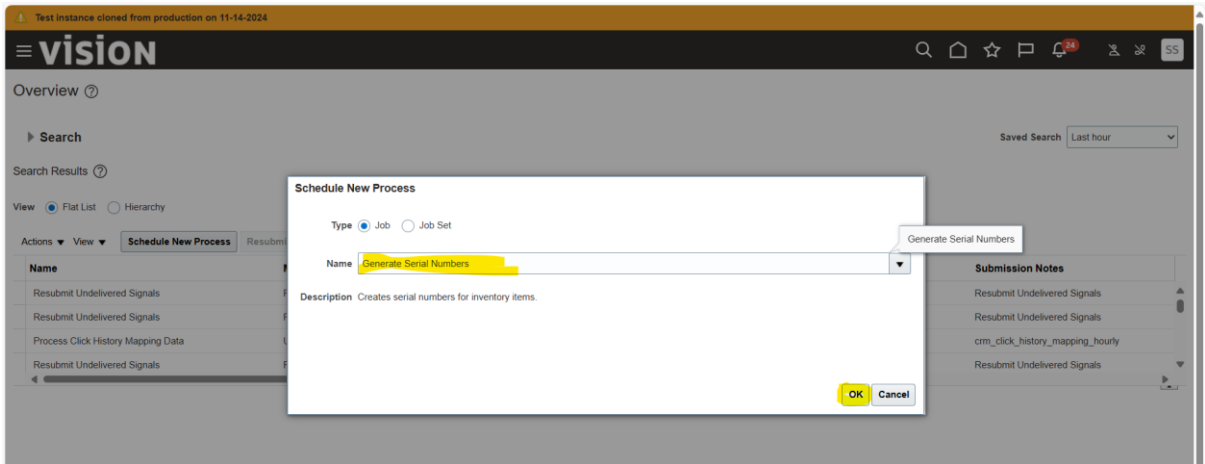
Save to Change Order

10/100/1000

3

4

Take this item as a input



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Overview

Search

Name:

Process ID:

Status:

Submission Time: After (UTC+00:00) Coordinated Universal Time (UTC)

Submission Notes: Contains

Submitted By:

Search Reset Download Results

Search Results

View: ☒ Flat List ☐ Hierarchy

Actions:

Name	Metadata Name	Process ID	Status	Scheduled Time	Submission Time	Submission Notes
Generate Serial Numbers	InvGenerateSerialNumber...	7365249	Succeeded	11/17/24 11:33 AM UTC	11/17/24 11:33 AM UTC	

Serial numbers are generated successfully.

Now we will do Transactions with this item

Create Miscellaneous Transaction:-

Inventory Management

Inventory Organization: 001

Picks

No data available

Late Cycle Counts
Over 30 Days

0
Items

Cycle Count Sequences

No data available

On-Hand Value

No data available

Shipments

Shi

Show Tasks: Inventory

- Manage Item Quantities
- Create Miscellaneous Transaction
- Create Subinventory Transfer
- Create Interorganization Transfer
- Manage Reservations and Picks
- Manage Movement Requests
- Manage Transfer Orders
- Manage Pending Transactions
- Review Completed Transactions
- Manage Reservation Interface
- Lots and Serial Numbers
- Confirm Pick Slips

Test instance cloned from production on 11-14-2024

VISION

Inventory Organization 001 [Change Organization](#)

[Submit and Create Another](#) [Submit](#) [Cancel](#)

Create Miscellaneous Transaction

Transaction

Date: 11/17/2024 11:35 AM Source:

Type: Miscellaneous Receipt Account: 101.10.22185.000.000.000

Use Current Item Cost: Yes ☐

☐ Enter transactions by serial numbers

Transaction Lines

Actions View Generate Lot Generate Serial Number Range **Record Lots and Serial Numbers** Edit Details

Line	Expiration Date	From Serial Number	To Serial Number	Account	Location Type	Location	Requester	Reason	Reference	Additional Information	Attachments
1		SN1000	SN1000	101.10.22185.000.000.000	BU						None

Line 1: Availability

Available Quantity 0 Each Secondary Available Quantity

On-Hand Quantity 0 Each Secondary On-Hand Quantity

Test instance cloned from production on 11-14-2024

VISION

Inventory Organization 001 [Change Organization](#)

[Submit and Create Another](#) [Submit](#) [Cancel](#)

Create Miscellaneous Transaction

Transaction

Date: Source:

Type: Account:

☐ Enter transactions by serial numbers

Transaction Lines

Actions View Generate Lot Generate Serial Number Range **Record Lots** Edit Details

Line	* Item	Item Description	Owning Party Site	Owning Party	Procurement BU	Revision	Search On-Hand Quantity	* Subinventory	Locator	* UOI	Nam
1											

Availability

Available Quantity Secondary Available Quantity

On-Hand Quantity Secondary On-Hand Quantity

Confirmation

Your transactions processed with no issues

OK

Another way:

Dynamic entry : we can enter the serial number dynamically at the time of transactions.

Product Information Management [Create Item](#)

VISION

[Edit Item: Serial_pre_num \(000\)](#) [Star](#) [Actions](#) [Save](#) [Cancel](#) Last Saved 12/4/24 3:08 AM

Item Serial_pre_num

* Description Serial_pre_num

Item Class Root Item Class

Approval Status Approved

Completeness Score

Created By FSCM10 STUDENT

Item Status Active

Lifecycle Phase Active

User Item Type Purchased Item

Pack Type Base Unit or Each

Revision A

Creation Date 12/4/24 3:05 AM

No items to display

None

None

Overview

Specifications

Structures

Attachments

Associations

Relationships

Categories

Quality

History

Organizations

Supplier Organizations

Actions

View

Format

Reassign

Freeze

Detach

Wrap

Organization	Organization Name	Item Status	* Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status	Change Order: Line	Change Line Status	Item Version Number
000	Operations	Active	Ea	Primary	Primary	.		0	0	Approved			
001	Seattle	Active	Ea	Primary	Primary	.		0	0	Approved			

Edit Item: Serial_pre_num (ooo) ? *

Last Saved 12/4/24 3:08 AM

Child Lot Enabled No ▾
Format Validation No ▾
Copy Lot Attributes No ▾
Prefix
Starting Number
Child Lot Generation ▾

Lot Translate Enabled No ▾
Lot Split Enabled No ▾
Lot Divisible No ▾
Lot Substitution Enabled ▾
Lot Merge Enabled No ▾

Grade Control

Grade Controlled No ▾ Default Grade ▾

Serial ?

Generation Dynamic entry at inventory receipt ▾ Starting Number
Starting Prefix

Material Policy

Cycle Count ? Status

fa-etat-saasfademo1.ds-fa.oraclep demos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=zmyncdliv_927

vision

Inventory Organization 001 [Change Organization](#)

Create Miscellaneous Transaction ?

[Submit and Create Another](#) [Submit](#) [Cancel](#)

Transaction

Date: 12/14/2024 3:09 AM

Source:

Type: Miscellaneous Receipt

Account: 101.10.22185.000.000.000

Use Current Item Cost: Yes

☐ Enter transactions by serial numbers

Transaction Lines ?

Actions View + - Generate Lot Generate Serial Number Range Record Lots and Serial Numbers Edit Details

Line	UOM Name	UOM Conversions	Quantity	Secondary UOM	Secondary Quantity	Use Current Item Cost	Unit Cost(USD)	Lot	Expiration Date	From Serial Number	To Serial Number	Account	Location Type	Location
1	Ea		10			Yes	Enter Cost Details			SP1000	SP1000	101.10.22185.000.000.000		

Line 1: Availability ?

Available Quantity 0 Ea
On-Hand Quantity 0 Ea

Secondary Available Quantity
Secondary On-Hand Quantity

Create Miscellaneous Transaction

Submit and Create Another

Submit

Cancel

Transaction

Date12/4/2024 3:17 AM

Source

TypeMiscellaneous Issue

Account101.10.22185.000.000.000

Use Current Item CostYes

☐ Enter transactions by serial numbers

Transaction Lines

ActionsViewGenerate LotGenerate Serial Number RangeRecord Lots and Serial NumbersEdit Details

Line	M	UOM	Conversions	* Quantity	Secondary UOM	Secondary Quantity	* Use Current Item Cost	Unit Cost(USD)	Lot	Expiration Date	From Serial Number	To Serial Number	* Account	Location Type	Location	R
1				3			Yes	Enter Cost Details			AN1007	AN1009	101.10.22185.000.000.000			

Line 1: Availability

Available Quantity10 Ea

On-Hand Quantity10 Ea

Secondary Available Quantity

Secondary On-Hand Quantity