

# Subinventory Transfer Using FBDI

<https://docs.oracle.com/en/cloud/saas/supply-chain-and-manufacturing/25a/oefsc/index.html>

The screenshot shows the Oracle Help Center interface. The browser address bar displays the URL: docs.oracle.com/en/cloud/saas/supply-chain-and-manufacturing/25a/oefsc/index.html. The page header includes the Oracle logo, a hamburger menu, the text "Help Center", a search bar with the query "File-Based Data Import (FBDI) for SCM", and a user profile icon. The breadcrumb trail reads: Cloud / Cloud Applications / Supply Chain and Manufacturing / 25A. The main title is "File-Based Data Import (FBDI) for SCM". The left sidebar contains a table of contents with sections: Contents (Title and Copyright Information, Get Help), 1 Overview (External Data Integration Services for Importing Data, View Details About Predefined Scheduled Processes, Load Data into Tables), and 2 Inventory Management (Cycle Count Import, Import Supply Order, Interfaced Pick Transaction Import, Inventory Balance Message Import, Inventory Reservation Import, Inventory Transaction Import, Perform Shipping Transaction Import, Receiving Receipt Import). The main content area is titled "Oracle Fusion Cloud SCM" and contains the text "File-Based Data Import (FBDI) for SCM", "G17773-01", and "25A". Navigation links for "Previous Page" and "Next Page" are present. A "Title and Copyright Information" section is partially visible at the bottom. A thumbs-up icon is in the bottom right corner.

docs.oracle.com/en/cloud/saas/supply-chain-and-manufacturing/25a/oefsc/index.html

Help Center

File-Based Data Import (FBDI) for SCM

Search

Cloud / Cloud Applications / Supply Chain and Manufacturing / 25A

## File-Based Data Import (FBDI) for SCM

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- External Data Integration Services for Importing Data
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- Load Data into Tables

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- Cycle Count Import
- Import Supply Order
- Interfaced Pick Transaction Import
- Inventory Balance Message Import
- Inventory Reservation Import
- Inventory Transaction Import
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- Receiving Receipt Import

### Oracle Fusion Cloud SCM

File-Based Data Import (FBDI) for SCM

G17773-01

25A

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⊕ Title and Copyright Information

👍

Min-Max Planning

Inventory Transaction Import

docs.oracle.com/en/cloud/saas/supply-chain-and-manufacturing/25a/oefsc/inventorytransactionimport-3145.html

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External Data Integration Services for Importing Data

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2 Inventory Management

Cycle Count Import

Import Supply Order

Interfaced Pick Transaction Import

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3 Maintenance

Import Installed Base Assets

Import Maintenance Programs

View Details About Predefined Scheduled Processes

Load Data into Tables

Inventory Transaction Import

The Inventory Transaction Import enables you to create inventory transaction automatically from information in any other system using this Interface.

Details

Object owner: Inventory Transaction

UCM account: scm/inventoryTransaction/import

File Links

File	Link
XLSM template	<a href="#">InventoryTransactionImportTemplate.xlsm</a>
Control files	<div><div><a href="#">Inventory Transactions Import Control File</a></div><div><a href="#">Inventory Lots Import Control File</a></div><div><a href="#">Inventory Serial Numbers Import Control File</a></div><div><a href="#">Transaction Costs Import Control File</a></div></div>

Job and Table Links

Name	Link
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Details

File Links

Job and Table Links

Download

docs.oracle.com/en/cloud/saas/supply-chain-and-manufacturing/25a/oefsc/inventorytransactionimport-3145.html

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Load Data into Tables

2 Inventory Management

Cycle Count Import

Import Supply Order

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Inventory Reservation Import

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Perform Shipping Transaction Import

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Import Installed Base Assets

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Object owner: Inventory Transaction

UCM account: scm/inventoryTransaction/import

File Links

File	Link
XLSM template	<a href="#">InventoryTransactionImportTemplate.xlsx</a>
Control files	<div><div>Inventory Transactions Import Control File</div><div>Inventory Lots Import Control File</div><div>Inventory Serial Numbers Import Control File</div><div>Transaction Costs Import Control File</div></div>

Job and Table Links

Name	Link
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On This Page

Details

File Links

Job and Table Links

Feedback

## FBDI for Subinventory Transfer

Complete the following columns:

A: Organization\_Name  
F: Process\_Flag (Must be: 1)  
H: Item\_Number  
I: Revision  
K: Subinventory\_Code  
AG: Transaction\_Quantity  
AH: Transaction\_UOM  
AK: Transaction\_Date (Format: YYYY/MM/DD HH:MM:SS - Example: 2019/10/16 03:00:00)  
AL: Transaction\_Source\_Type\_Name (Example: Inventory)  
AM: Transaction\_Type\_Name (Must be: Subinventory Transfer)  
AP: Transfer\_Subinventory  
BK: Primary\_Quantity  
BO: Source\_Code  
BP: Source\_Header\_ID  
BQ: Source\_Line\_ID  
CX\_Transaction\_Mode (Must be: 3)  
CY: Lock\_Flag (Must be: 2)  
ET: Shipment\_Number  
EX: Expected\_Arrival\_Date (Format: YYYY/MM/DD)  
IP: Use\_Current\_Cost (Either Y or N, If N, complete Tab: CST\_I\_INCOMING\_TXN\_COSTS)

IP8

IP8

	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BMBN	BO	BP
2																																
3																																
4	TY	*TRANSACTION_DATE	TR	TRANSACTION_TYPE_NAME	TR	TR	TRANSFER_SUBINVENTORY	IT1	IT2	IT3	IT4	IT5	IT6	IT7	IT8	IT9	10	11	12	13	14	15	16	17	18	19	20	PRY	SE	SE	*SOURCE_CODE	*SOURCE_HEADER_
5		2025/01/07 00:00:00		Subinventory Transfer			SH1 RAW1																							SR	999991	
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Instructions and CSV Generation

INV\_TRANSACTIONS\_INTERFACE

INV\_TRANSACTION\_LOTS\_INTERFACE

INV\_SERIAL\_NUMBERS\_INTERFACE

CST\_I\_INCOMING\_TXI ...

Save Your Work

GoTo First Sheet and Press

File Home Insert Draw Page Layout Formulas Data Review View Help BI Publisher Acrobat

Paste Cut Copy Format Painter Clipboard Font Alignment Number Styles Cells Editing Adobe Acrobat

B10

**ORACLE Fusion Applications Inventory Transactions Interface**

**Overview**

You can create inventory transaction automatically from information in any other system using this Interface. The Inventory Transactions Interface has a parent and a child tables to represent that a transaction can have 1 or more lot or serial numbers depending on the item setup.

- The Parent table INV\_TRANSACTIONS\_INTERFACE contains the transaction level information and the child table INV\_SERIAL\_NUMBERS\_INTERFACE which contains the serial numbers and INV\_TRANSACTION\_LOTS\_INTERFACE which contains the lot numbers and the child table CST\_I\_INCOMING\_TXN\_COSTS which contains the transaction costs
- Use the control file InvTransactionsInterface.ctf, InvTransactionLotsInterface.ctf, InvSerialNumbersInterface.ctf, CstTransCostInterface.ctf and Manage Inventory Transactions provided to load data from external systems into the above 3 interface tables

**Preparing the Table Data**

1. Prepare the data for each interface table using the corresponding worksheet in this template. See the section **Excel Template Format** for details about this template.
2. Refer to the bubble text on each column header either for detailed instructions on preparing the data in that column, or for a description of the data and data type that the column requires.
3. Common tasks for preparing table data include setting up for data merge, and searching for internal identifiers.

**Loading the Data**

1. After you finish preparing the data in the parent and child sheets, click the Generate CSV File button to generate a ZIP file containing one or more CSV files.
2. For information on loading the data in the CSV files into the interface tables, see the Documentation tab for the Load Interface File for Import scheduled process in Oracle Enterprise Repository for Oracle Fusion Applications.

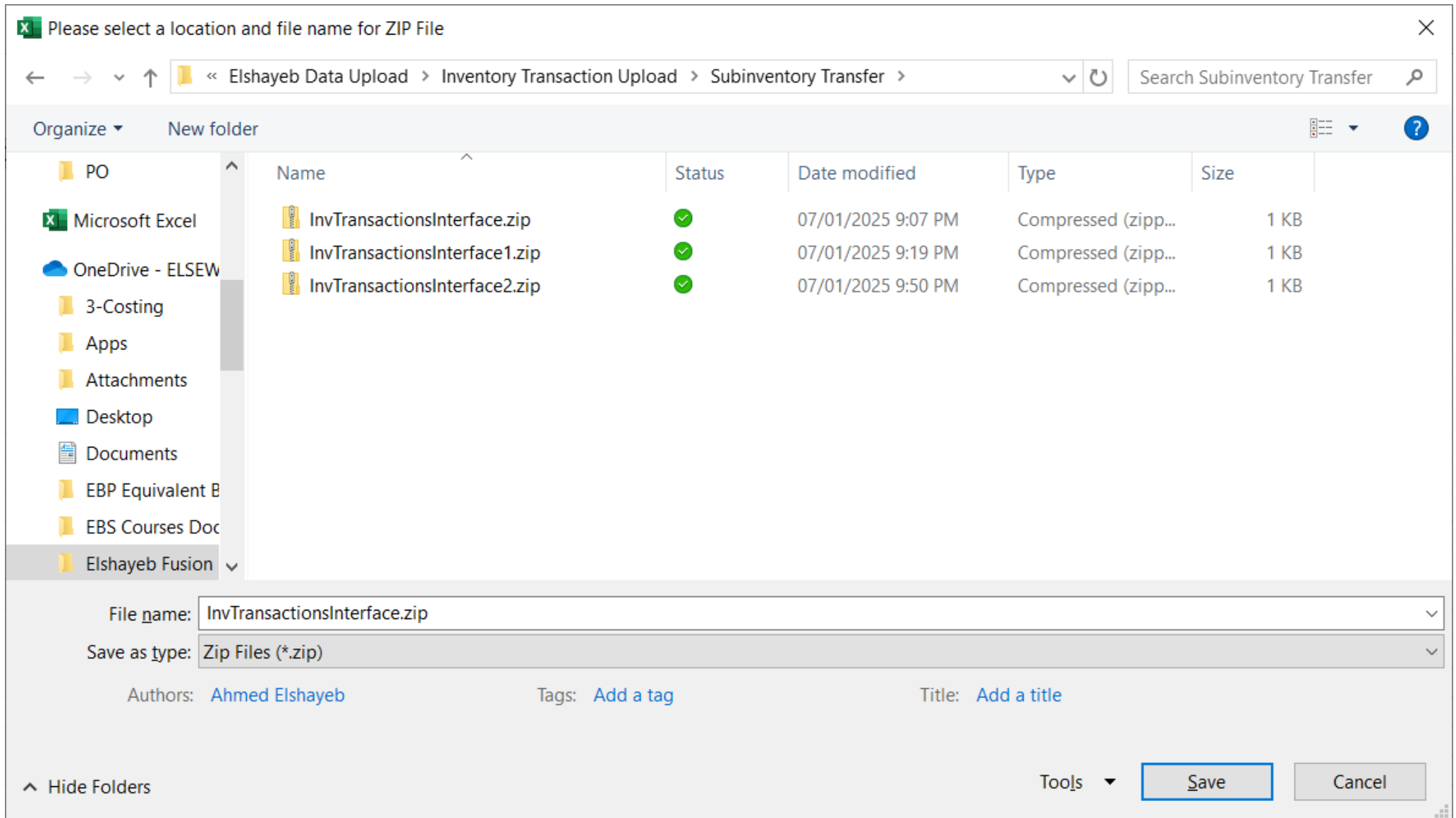
Generate CSV File

**Excel Template Format**

- Each interface table is represented as a separate Excel sheet.
- The first row in each sheet contains column headers that represent the interface table columns. The columns are in the order that the control file expects them to be in the data file. Do not change the order of the columns in the Excel sheets. Changing the order of the columns will cause the load process to fail. You can hide columns that you do not intend to use, but you cannot delete columns. Deleting columns will cause the load process to fail.
- Each column header contains bubble text about the expected data type and, in some cases, instruction text.
- You must enter data that conforms to what the control file can accept and process for the associated database column.

Instructions and CSV Generation INV\_TRANSACTIONS\_INTERFACE INV\_TRANSACTION\_LOTS\_INTERFACE INV\_SERIAL\_NUMBERS\_INTERFACE CST\_I\_INCOMING\_TXN\_COSTS

Save File



## Importing the Loaded Data

1. Navigate to the Scheduled Processes UI (under Tools).
2. Click on Schedule New Process, then Search and Select 'Load Interface File for Import', Click OK



- 3. Process Details appears
- 4. Import Process: Search and Select ' Create Inventory Transactions'
- 5. Data File: Click on Drop-down Menu and Select 'Upload a new file'
- 6. Click on 'Choose File', then Select the CSV File you generated and Click 'OK' and Select 'Submit'
- 7. If the submitted process ends in error or warning, review the log file for details about the rows that caused the failure.

ORACLE

Search

Home

Star

Flag

5

AE

Overview ?

Search

Saved Search

Last hour

Search Results ?

View

Flat List

Hierarchy

Actions

View

Schedule New Process

Resubmit

Put On Hold

Cancel Process

Release Process

View Log

Name	Metadata Name	Process ID	Status	Scheduled Time	Submission Time	Submission Notes
Resubmit Undelivered Signals	Re					Resubmit Undelivered Signals
Resubmit Undelivered Signals	Re					Resubmit Undelivered Signals
Resubmit Undelivered Signals	Re					Resubmit Undelivered Signals
Process Click History Mapping Data	UA					crm_click_history_mapping_hourly

Schedule New Process

Type

☒ Job

☐ Job Set

Name

Load Interface File for Import

Description

Transfers setup or transaction data files from a user-specified location to the interface tables.

OK

Cancel

Load Interface File for Import

ORACLE

Overview ?

Search

Search Results ?

View 

Flat List

Hierarchy

Actions View 

Schedule New Process

Resubmit

Put

Name	Metadata
Resubmit Undelivered Signals	Resubmit
Resubmit Undelivered Signals	Resubmit
Resubmit Undelivered Signals	Resubmit
Process Click History Mapping Data	UAClickH

Process Details

This process will be queued up for submission at position 1

Process Options

Advanced

Submit

Cancel

Name

Load Interface File for Import

Description

Transfers setup or transaction data files from ... 

☐ Notify me when this process ends

Schedule

As soon as possible 

Submission Notes

Basic Options

Parameters

\* Import Process

Create Inventory Transactions

\* Data File

No data to display.

More...

Upload a new file

Saved Search

Last hour

ne	Submission Notes
PM EET	Resubmit Undelivered Signals
PM EET	Resubmit Undelivered Signals
PM EET	Resubmit Undelivered Signals
on_click_history_mapping_hourly	

Chose Saved File

ORACLE

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AE

Overview ?

▶ Search

Search Results ?

View 

●

 Flat List

○

 Hierarchy

Actions ▼ View ▼ 

Schedule New Process

Resubmit

Put

Name	Metadata
Resubmit Undelivered Signals	Resubmit
Resubmit Undelivered Signals	Resubmit
Resubmit Undelivered Signals	Resubmit
Process Click History Mapping Data	UAClickH

Process Details

ⓧ

ⓘ This process will be queued up for submission at position 1

Process Options

Advanced

Submit

Cancel

Name

Load Interface File for Import

Description

Transfers setup or transaction data files from ... 

☐

 Notify me when this process ends

Schedule

As soon as possible 

Submission Notes

Basic Options

Parameters

\* Import Process

Create Inventory Transactions

▼

\* Data File

Upload File

ⓧ

Choose File

 No file chosen

OK

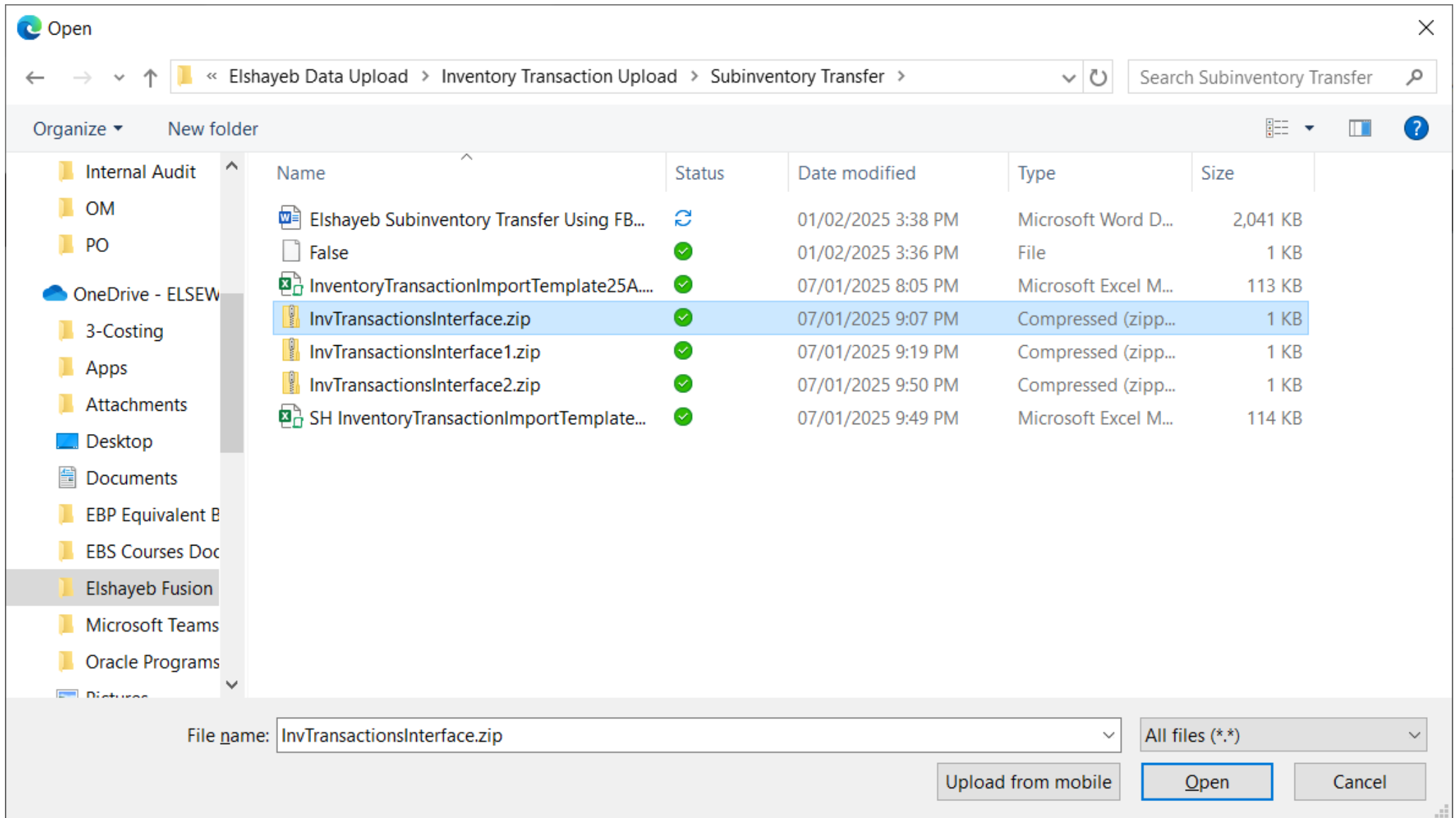
Cancel

Saved Search

Last hour

▼

Name	Submission Notes
PM EET	Resubmit Undelivered Signals
PM EET	Resubmit Undelivered Signals
PM EET	Resubmit Undelivered Signals
PM EET	crm_click_history_mapping_hourly



After you successfully load your data, you must submit the Manage Inventory Transactions process to import the data into the application tables.

To submit the Manage Inventory Transactions process:

1. Navigate to the Scheduled Processes UI (under Tools).
2. Click on Schedule New Process and select 'Manage Inventory Transactions'.
3. Monitor the process in the Scheduled Process UI.
4. If the submitted process ends in error or warning, review the log file for details about the rows that caused the failure.

To correct import errors:

1. Click on Manage Pending Transactions task in the Inventory work area.
2. Click on View Pending Transactions.
3. Query the records by specifying appropriate Search criteria.
4. Review and correct the errors.
5. Once all the errored rows are corrected, click 'Add All to Process Schedule'.
6. Repeat the submit and error correction steps in this section until all rows are imported successfully.

The screenshot shows the Oracle APEX interface. At the top, there's a navigation bar with the Oracle logo and various icons. Below it, the 'Overview' section is visible. A 'Search' bar is present, and a 'Saved Search' dropdown is set to 'Last hour'. The 'View' section has two radio buttons: 'Flat List' (selected) and 'Hierarchy'. The 'Actions' section includes a 'Schedule New Process' button. A modal dialog titled 'Schedule New Process' is open in the center. It has a 'Type' section with 'Job' selected and 'Job Set' as an option. The 'Name' field contains 'Manage Inventory Transactions'. The 'Description' field contains 'Submits multiple requests to process inventory transactions from the open interface table'. At the bottom of the dialog are 'OK' and 'Cancel' buttons. In the background, a table of scheduled processes is visible, with rows for 'Resubmit Undelivered Signals' and 'Process Click History Mapping Data'. On the right side, a 'Submission Notes' section shows a list of notes, including 'Resubmit Undelivered Signals' and 'crm\_click\_history\_mapping\_hourly'.

You can Review Transactions with Error from  
Manage Pending Transactions

## Inventory Management ?

Inventory Organization SH1

### Picks

No data available

### Late Cycle Counts

Over 30 Days

0  
Items

### Cycle Count Sequences

No data available

### On-Hand Value

No data available

### Shipment Lines

No data available

### Open Shipments by Priority

Top 5 Priorities by Volume

No data available

### Open Shipments by Carrier

Top 5 Carriers by Volume

No data available

### Shipment Lines

No data available

### Inspected Receipt Lines

0 Accepted

0 Rejected

### Shipment Lines for Next 30 Days

No data available

### Receipt Lines

No data available

### Backordered Supply Lines

0  
Awaiting Receipt

Show Tasks

Inventory

#### 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
- Manage Inventory Balance Messages
- Review Item Supply and Demand
- Review Replenishment Requests in S
- Manage Pick Transactions from Exter
- Configure Item Transaction Defaults
- Holds for Recalled Items

#### Consigned Inventory

- Review Consumption Advices
- Manage Consigned Inventory Aging
- Review Consumption Advice Exceptio
- Create Transfer to Owned Transaction
- Create Transfer to Consigned Transa

## View Pending Transactions ?

Done

### Search

Saved Search All Pending Transactions ▼

\*\* At least one is required

\*\* Organization SH1 ▼

Transaction Date Between ▼ dd/mm/yyyy hh:n - dd/mm/yyyy hh:n

Subinventory ▼

Source Type ▼

Transaction Type ▼

Item

\*\* Processing Status ▼

Transaction Status ▼

Search
 Reset
 Save...
 Add Fields ▼
 Reorder

### Search Results ?

Actions ▼
 View ▼



 Add All to Process Schedule ▼
 Transaction Process Status All ▼

Transaction ID	Transaction Process Status	Item	Lot Transaction Source	Lot Transaction Group	Representative Lot	Subinventory	Transaction Quantity	Transaction UOM	Transaction Date	Transaction Type	Processing Status	Error Explanation
----------------	----------------------------	------	------------------------	-----------------------	--------------------	--------------	----------------------	-----------------	------------------	------------------	-------------------	-------------------

No search conducted.