SAP S/4HANA 1809 FPS01 Fully-Activated Appliance
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English

PUBLIC

SAP S/4HANA 1809 FPS01 Fully-Activated Appliance: Data Migration

Demo Guide

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Document History

Revision	Date	Change
1.0	<2019-04-15>	Release for customer

1 Where Can This Script Be Used?

This demo script has been written for usage with the SAP S/4HANA 1809 Feature Package Stack 01 (FPS01) Fully-Activated Appliance (in short “appliance” in this script), hence you will need such an appliance to make use of this guide.

The appliance can be brought up in two ways, and the demo scenario in this script is largely the same for both:

1. Via SAP Cloud Appliance Library (hosted on cloud providers)
   You need a cloud provider account at AWS, MS Azure, or GCP. With this, you can deploy the appliance within 1-2 hours from https://cal.sap.com > Solutions > SAP S/4HANA 1809 FPS01 Fully-Activated Appliance.
2. Via installing it on your own on-premise hardware.
   You need to provide your own hardware, and order & install the appliance as explained in SAP Note 2041140.

If you are new to the SAP S/4HANA Fully-Activated Appliance, introductory information can be found here:
https://blogs.sap.com/2018/12/12/sap-s4hana-fully-activated-appliance-create-your-sap-s4hana-1809-system-in-a-fraction-of-the-usual-setup-time/

Important:
Before you start your demo, please read SAP S/4HANA Fully-Activated Appliance: Demo Scripts for information about necessary preparations, especially any post-deployment steps to ensure the full functionality of your appliance.
Besides this, you will also find links to all demo scripts on this page.

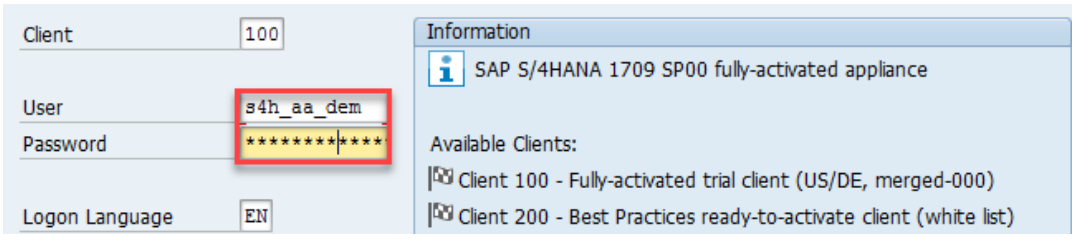
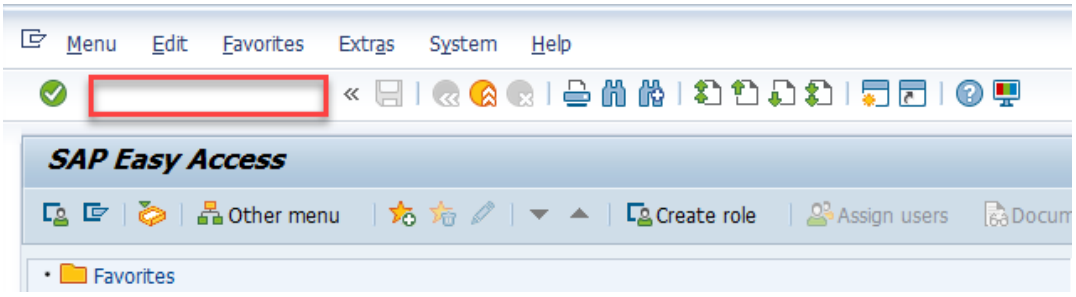
2 Demo Story: Data Migration

SAP S/4HANA customers can take advantage of a template-based migration approach built into SAP S/4HANA with the SAP S/4HANA Migration Cockpit. The SAP S/4HANA cloud packages support a limited set of data migration objects, with support for additional objects planned for later inclusion.

In this demo story exercise, we'll walk you through the process of migrating data using Fixed Assets master data and balances as an example.

2.1 Start the SAP S/4HANA Migration Cockpit

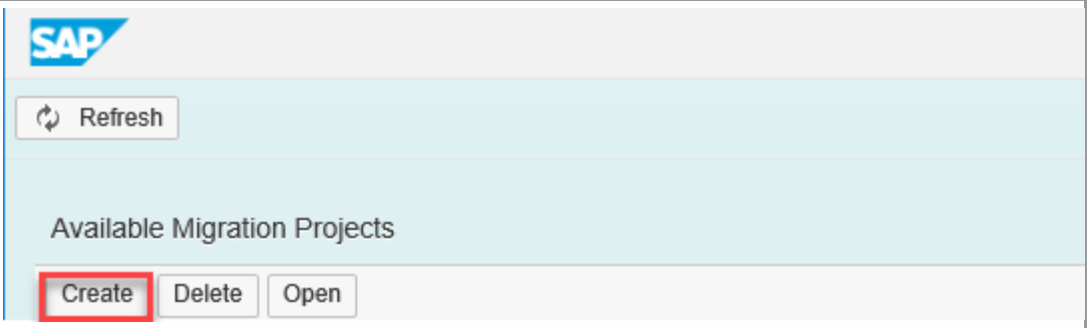
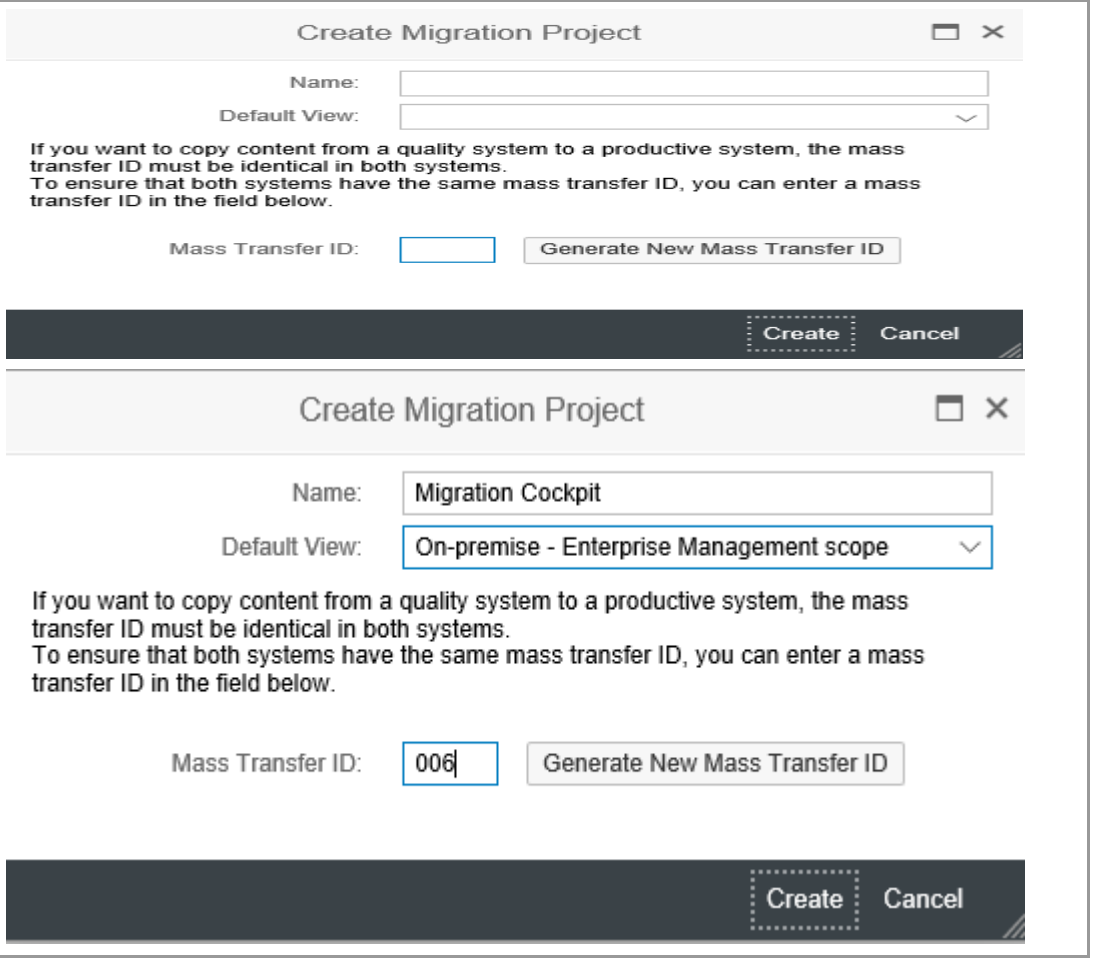
In this process step, you start the SAP S/4HANA migration cockpit.

What to Do	What You Will See
Log on to your SAP S/4HANA backend system. *User:* **S4H_AA_DEM** *Password:* **Welcome1**	
Start the SAP S/4HANA migration cockpit using transaction *LTMC*.	

2.2 Download Migration Template

Start the SAP S/4HANA migration cockpit using transaction *LTMC*.

In this process step, you download a Migration Template to facilitate the data transfer from Microsoft Excel Spreadsheet Templates to SAP S/4HANA.

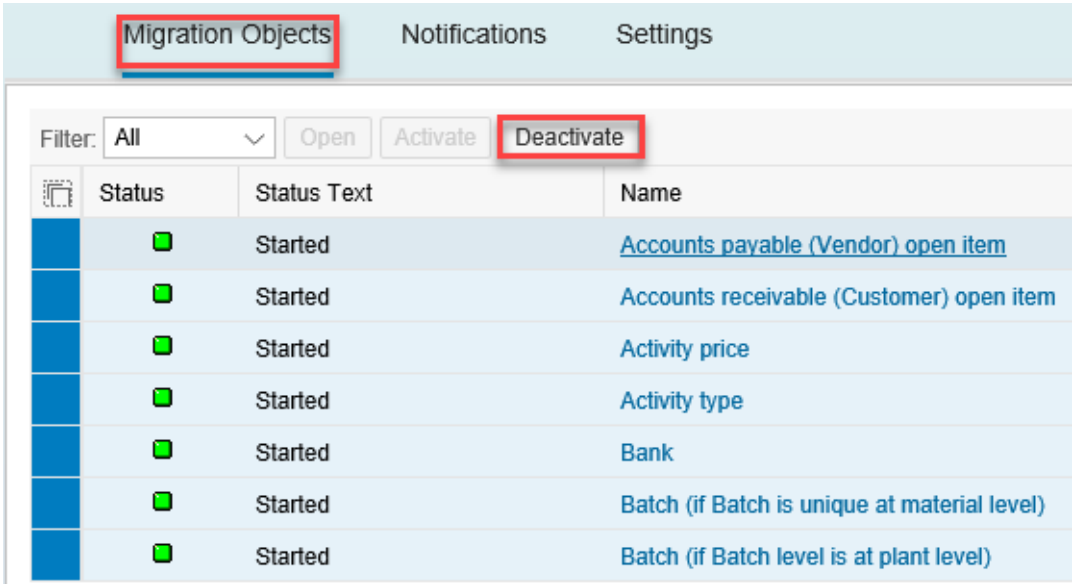
What to Do	What You Will See
In the *Migrate Your Data* home view, choose *Create*.	
Make the required entry in *Create Migration Project* dialog box and choose *Create.* *Name:* **`Name of your migration project`**. *Transfer Options: Transfer Data from File*. *Default View:* Choose your business process scope.	

On the *Migration Objects* tab, choose *Select All* and *Deactivate* all Migration Objects.

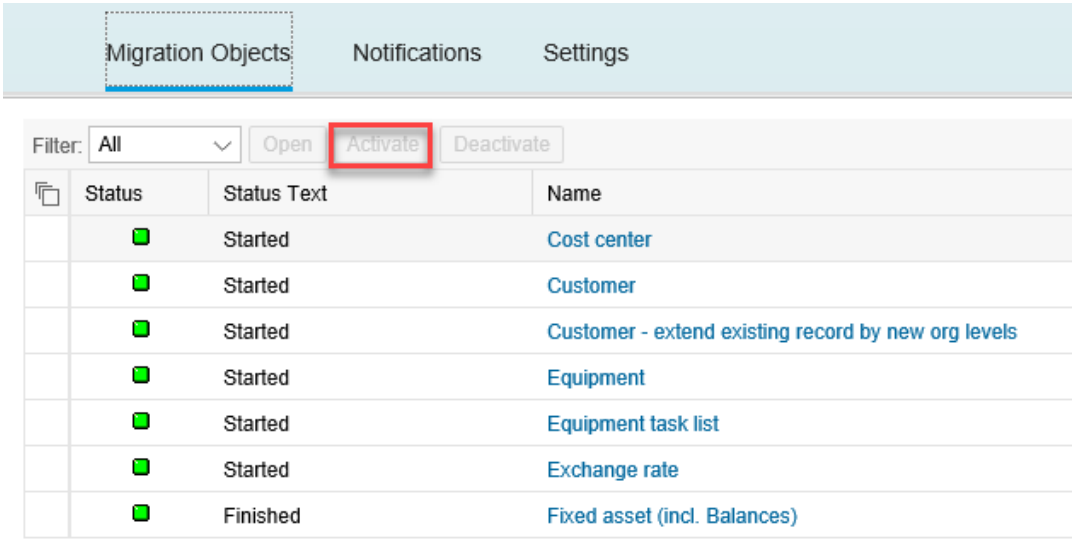
Caution If you deactivate an already activated and generated migration object, the copied customer migration object will be deleted. When you activate and open it again, a new copy will be initiated.

Note You can then later easy filter on "Active" Migration objects.

(Optional step)

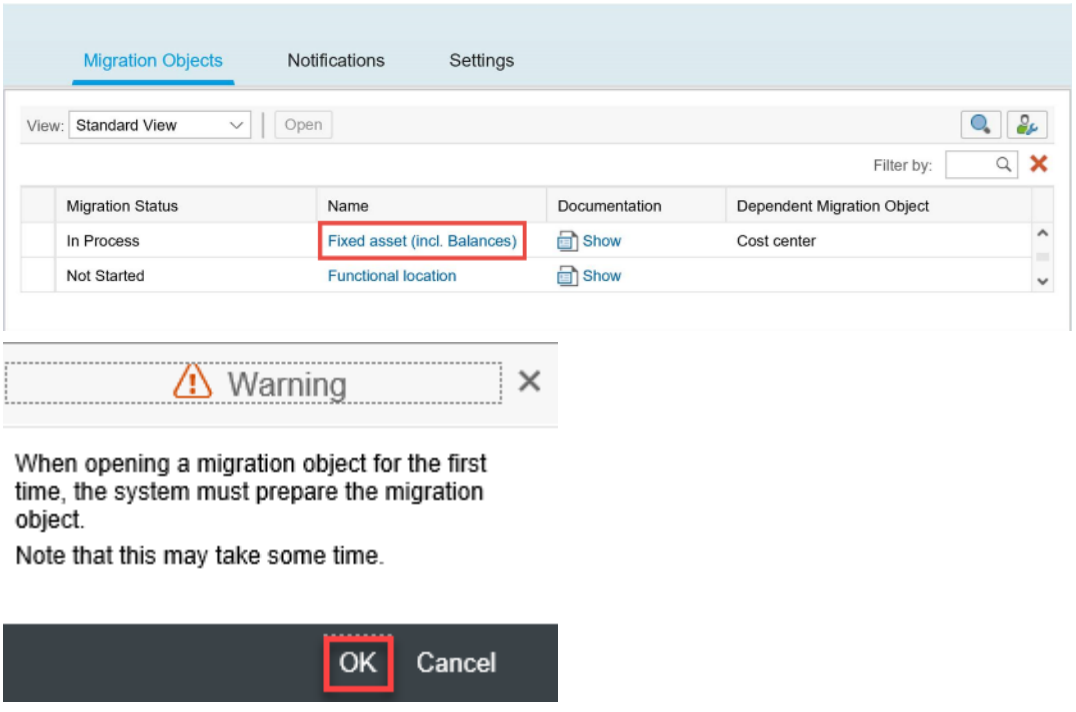


On the *Migration Objects* tab, select the table row containing your Migration Object, choose *Activate*. (Optional step)



On the *Migration Objects* tab, select the table row containing your Migration Object, then choose *Open*.

Once the confirm dialog window appears, choose *OK* to copy the selected Migration Object to your customer project.

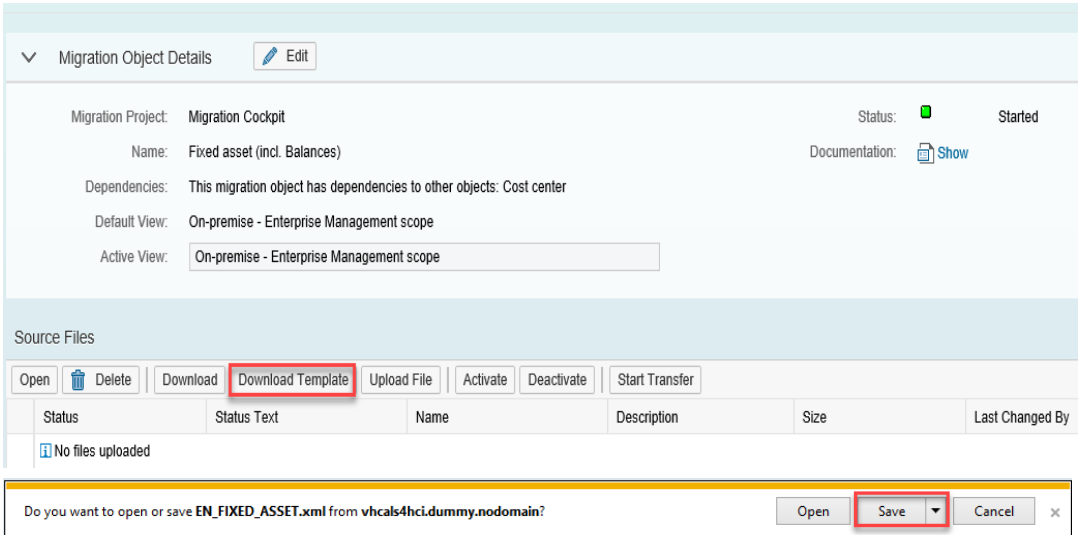


Choose *Download Template.*

The template of the default view will automatically be downloaded.

Note Depending on your internet browser and its version, a download dialog of the browser might appear. If it appears, choose *Save* to store the Migration Template on your local PC. If you are not prompted to save the file, the Migration Template will automatically be stored in your default download folder.

Note Depending on your internet browser, you might have to add the file extension `.xml` to your downloaded file.

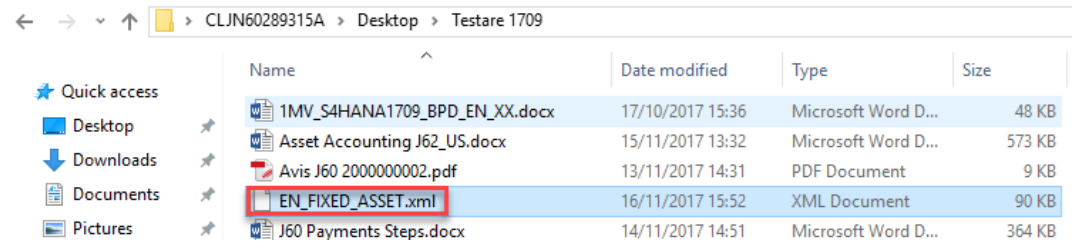
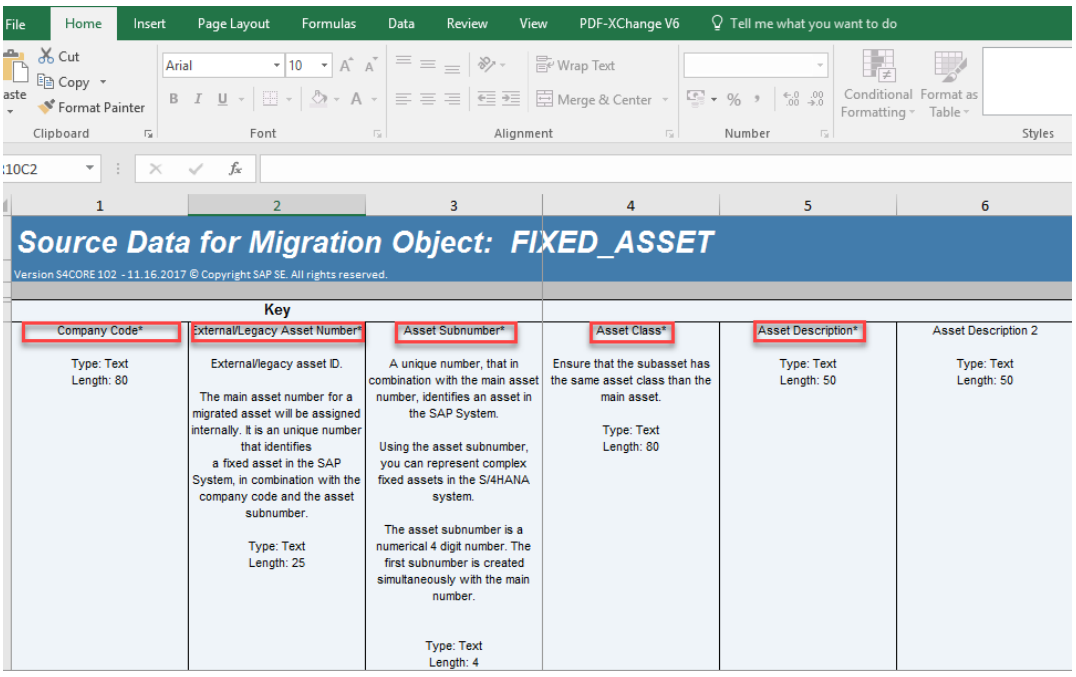


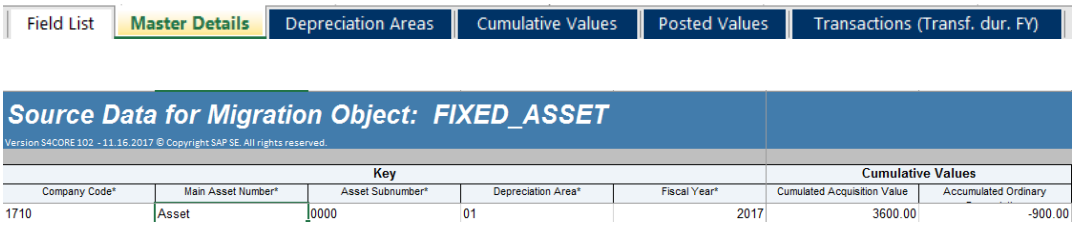
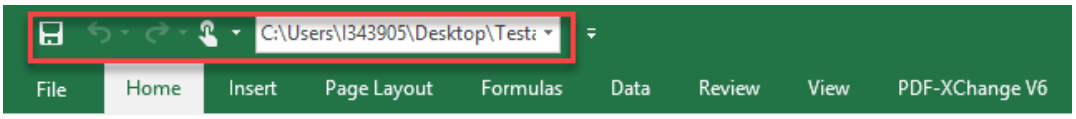
2.3 Prepare Test Data

This section describes how you enter test data for migration to SAP S/4HANA into the Migration Template.

Caution The workbook and its sheets are protected. Never change the structure and don't make any changes on the format of the Migration Template: Don't delete, rename, or reorder any sheet in the XML file, don't change the cell formatting, don't use formulas, and don't hide, remove, or reorder any column in the XML file. Moreover, don't change data by *Find and Replace* function. If you change data by *Find and Replace* you may also accidentally change the field names and corrupt the XML structure.

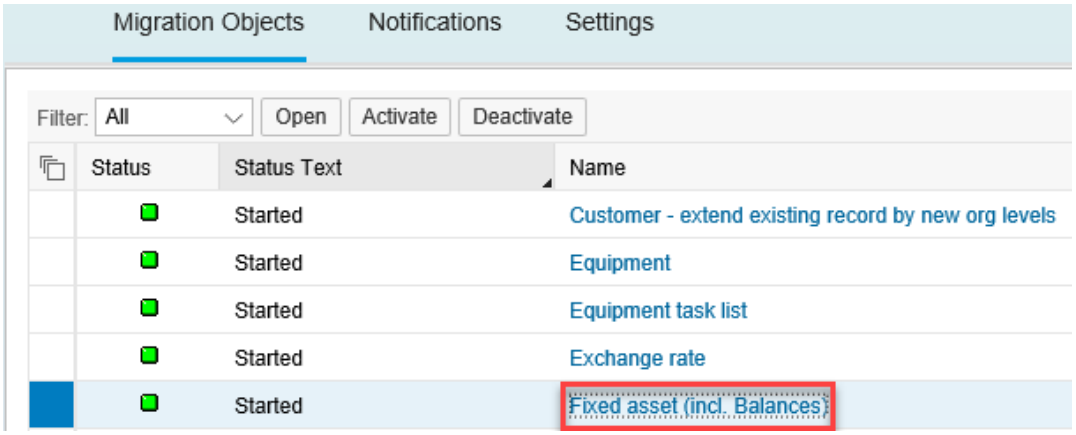
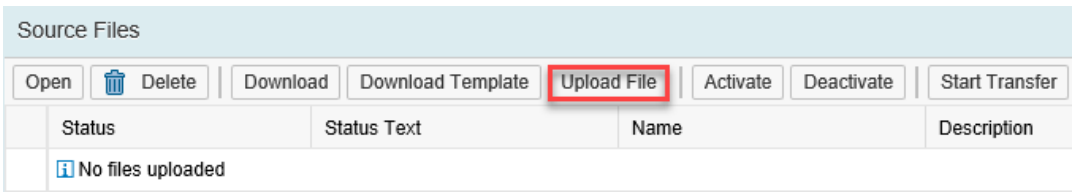
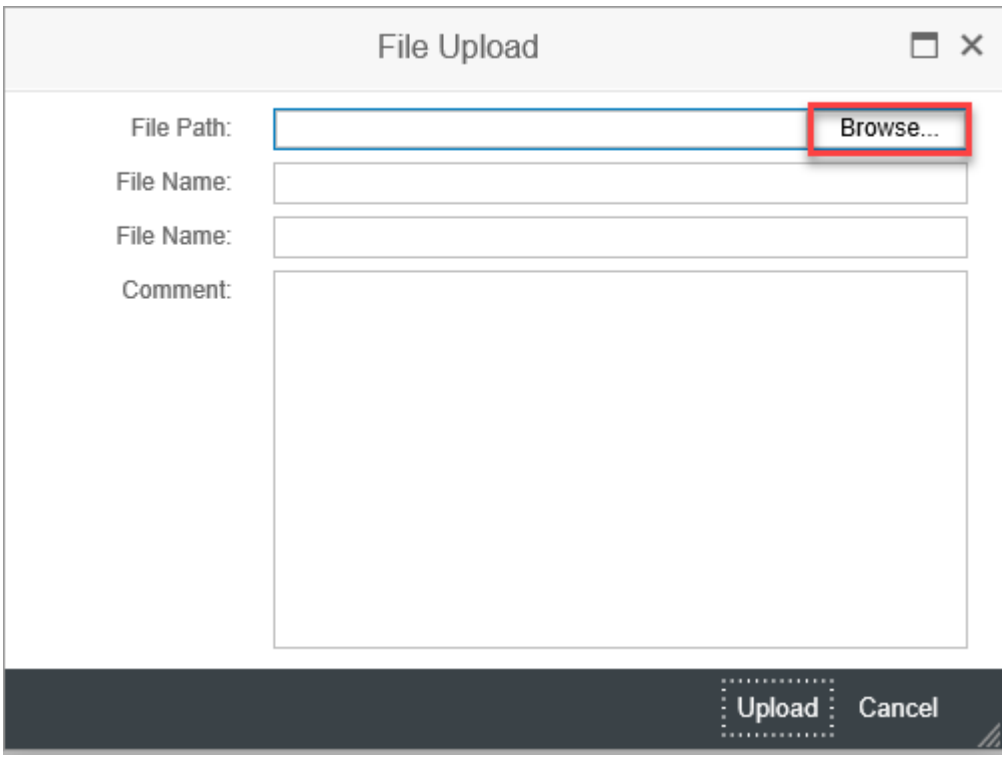
A modified Migration Template will cause errors when trying to load into the migration cockpit or will cause errors during the data migration process.

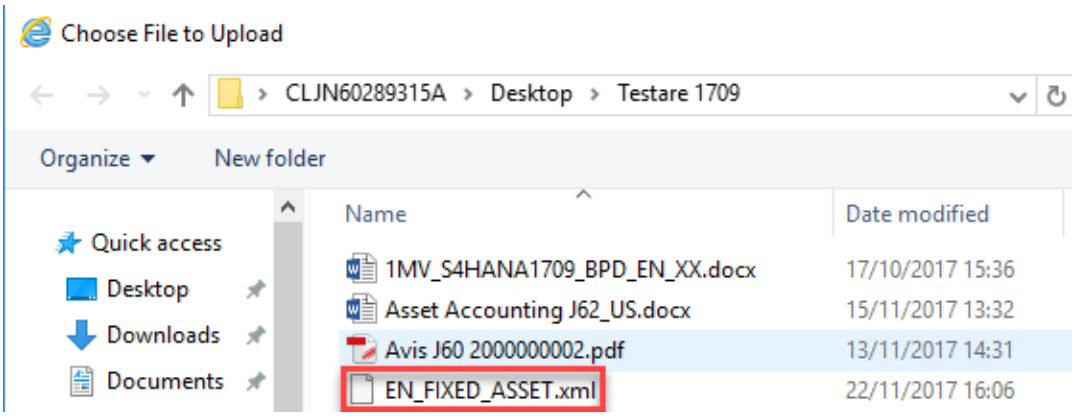
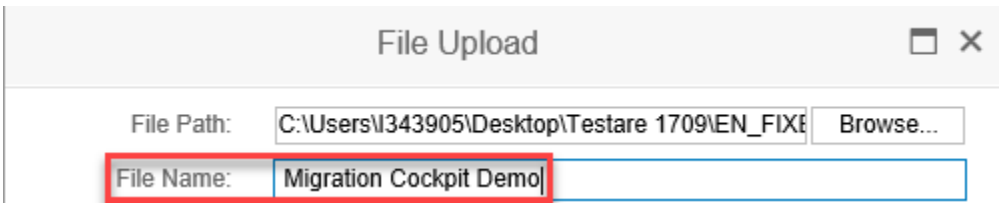
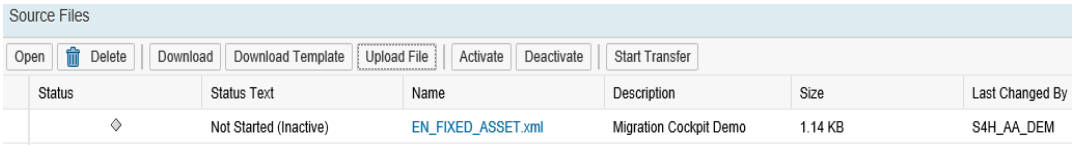
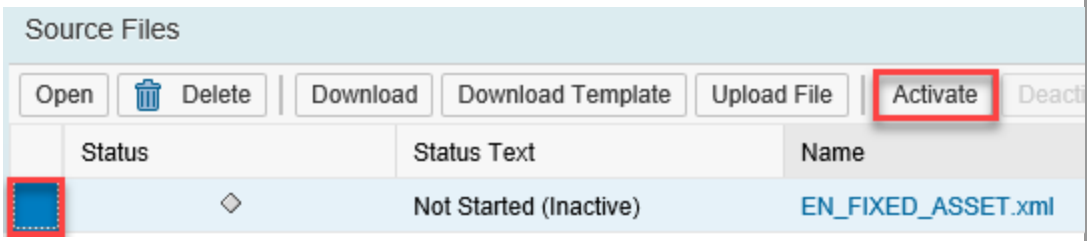
What to Do	What You Will See
Choose the Migration Template on your local PC and open it using Microsoft Excel.	
Enter your test data in all mandatory sheets of your Migration Template. Fill all mandatory columns. Note Mandatory columns are marked with an asterisk (*). Fields are only mandatory if a record exists. It doesn't make sense to provide records where only the key fields are filled. For further details, read the Appendix and the respective migration object documentation.	

What to Do	What You Will See
Enter your test data in sheets of your Migration Template, which are not mandatory. Fill all mandatory columns. Note Mandatory columns are marked with an asterisk (*). Although an optional sheet may contain mandatory columns, if the sheet is not relevant for your project, there is no need to fill the mandatory columns in the sheet with data. For further details, read the Appendix and the respective migration object documentation.	 **Source Data for Migration Object: FIXED_ASSET** Version S4CORE 102 -11.16.2017 © Copyright SAP SE. All rights reserved. Key / Cumulative Values Company Code* | Main Asset Number* | Asset Subnumber* | Depreciation Area* | Fiscal Year* | Cumulated Acquisition Value | Accumulated Ordinary 1710 | Asset | 0000 | 01 | 2017 | 3600.00 | -900.00
To save the data on your local PC choose *Save* in the Microsoft Excel application.	
Choose *Close* in the Microsoft Excel application.	

2.4 Upload Migration Template and Verify Data

This section describes how you can upload the Migration Template and verify its data.

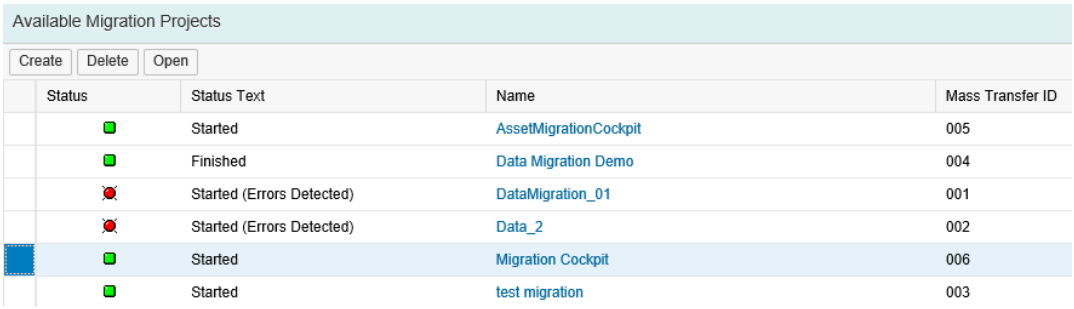
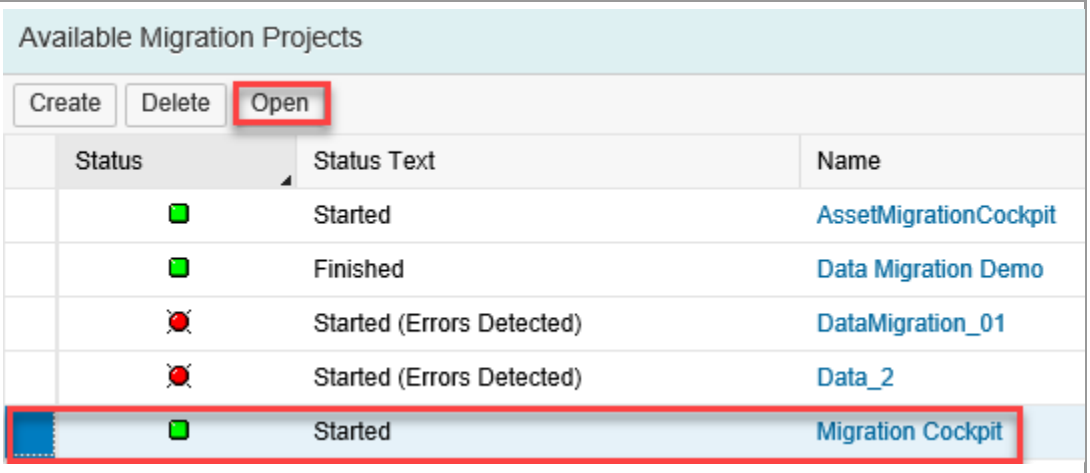
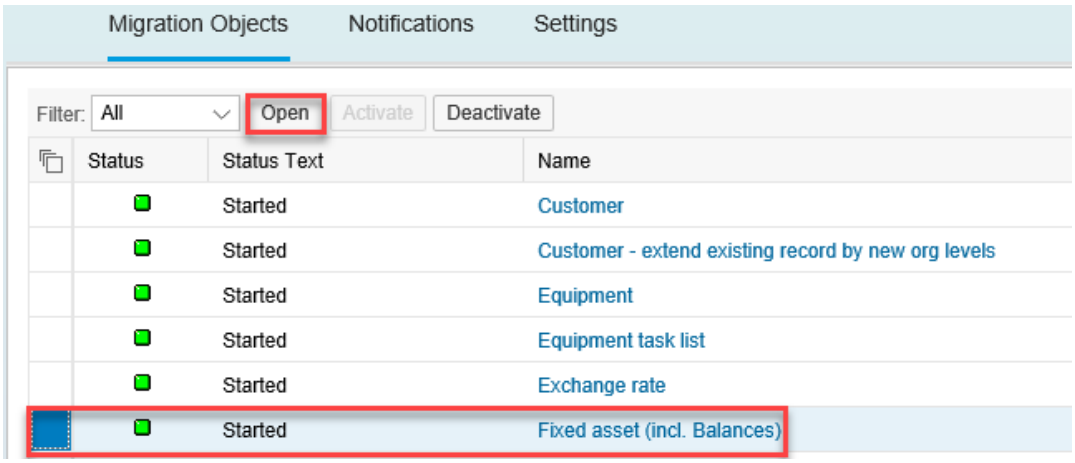
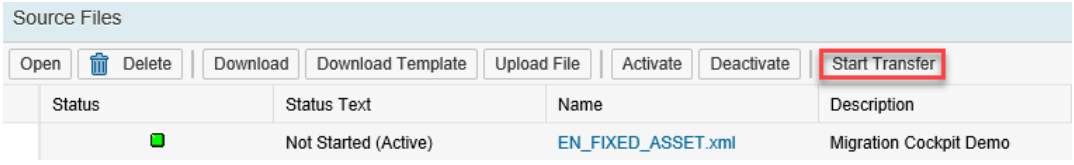
What to Do	What You Will See
Open the *Migration Objects* you want to work on and choose *Open*.	
Choose *Upload File*.	
Choose *Browse* to select the corresponding Migration Template from your local PC.	

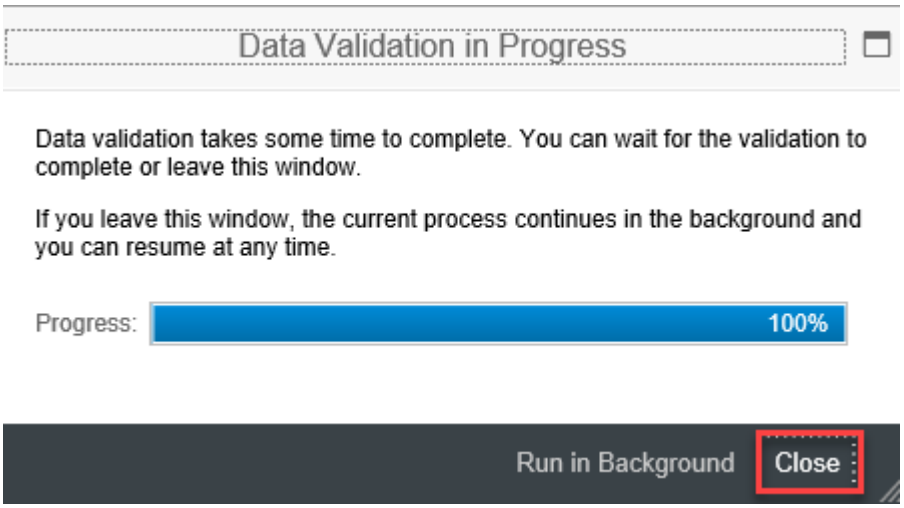
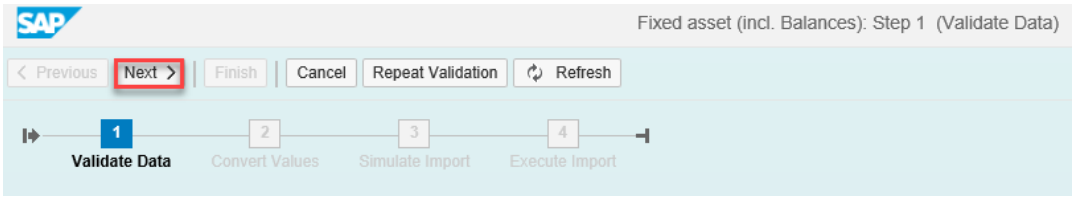
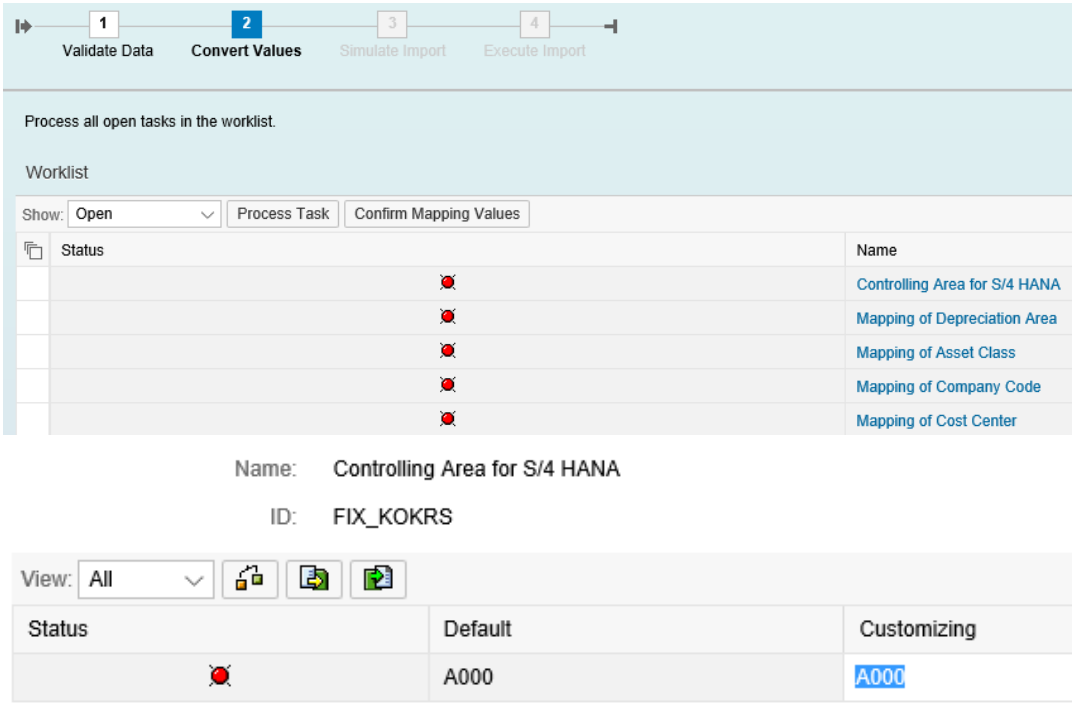
What to Do	What You Will See
Select your Migration Template in the file explorer dialog and choose *Open*.	
Fill in the fields of the *File Upload* dialog box.	
Choose on *Upload* to load the data from the Migration Template into the staging area of the *Migrate Your Data* app. Caution Dependent on your internet browser and the browser version, it might be that you receive an error message, such as *Error when uploading file XML: No virus scan provider available for scanner group DEFAULT*. If this message occurs, try to use another browser or update your browser to a newer version.	
Select your file from the overview list of the *Source Files* area and choose *Activate*. Note In case that the overview list contains multiple files that have not yet been finished, select the files and Choose *Deactivate* to avoid reprocessing. Only activate those files that you really want to load. If you start the transfer process, all(!)	

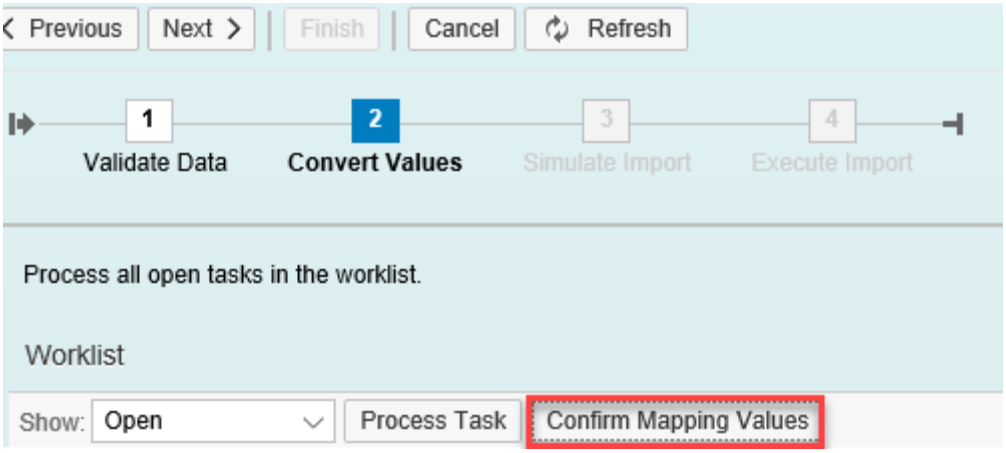
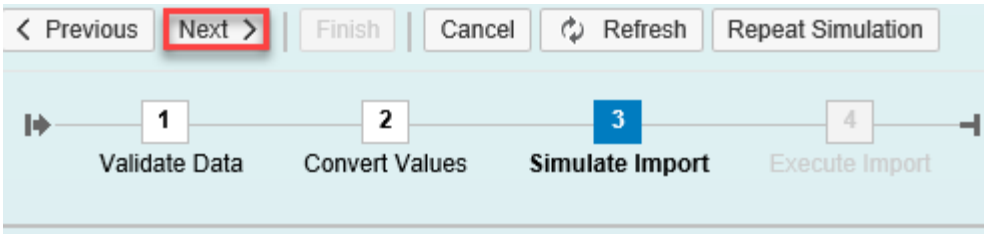
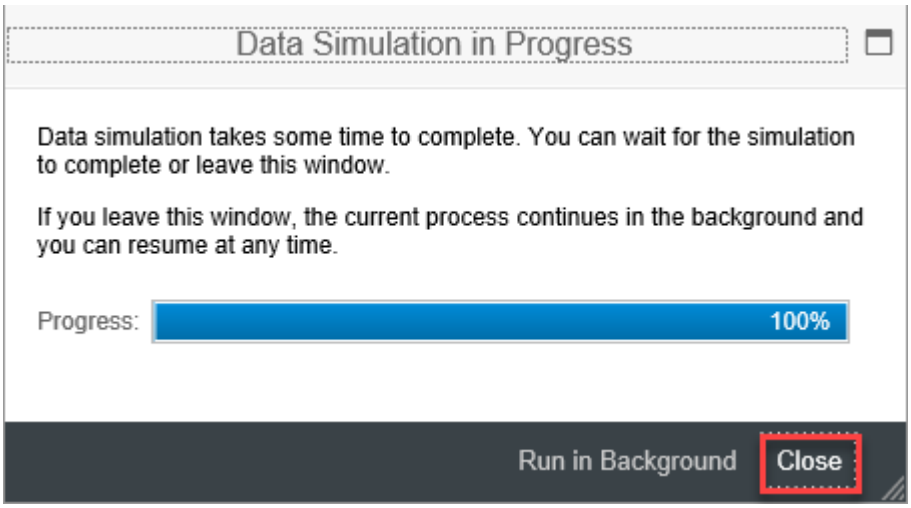
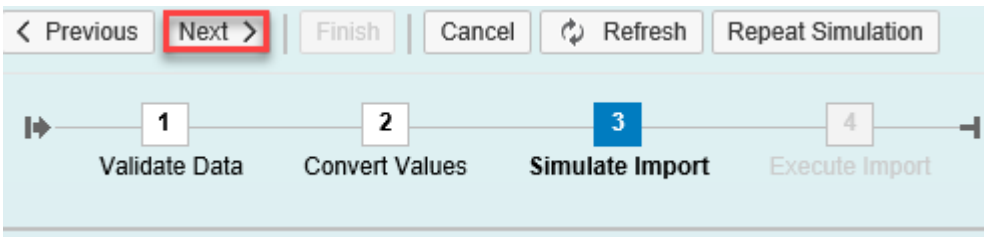
What to Do	What You Will See
activated files are transferred.	

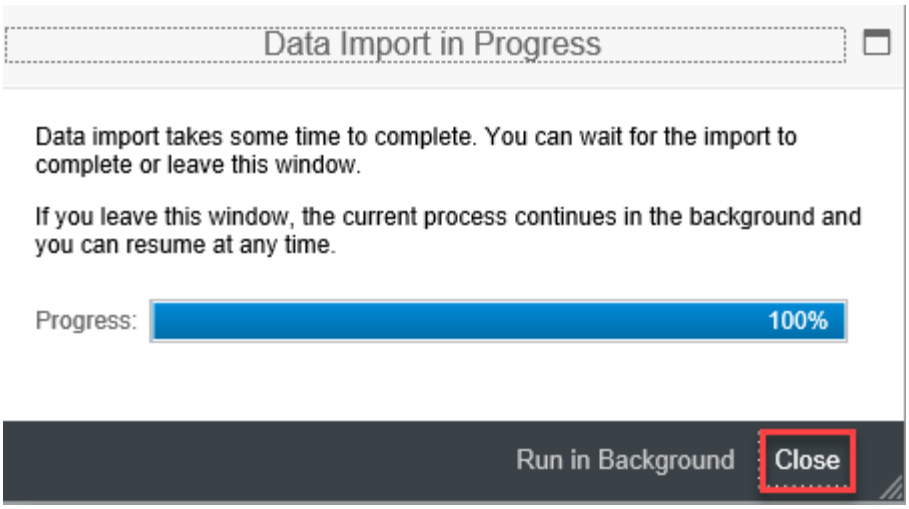
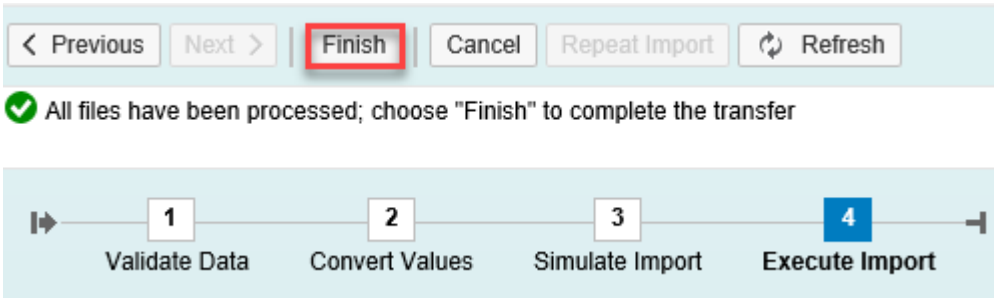
2.5 Transfer Migration Template Data

In this activity, you import the data from your Migration Template into the SAP S/4HANA target system.

What to Do	What You Will See
Open the *Migrate Your Data* Web Application.	
Select the table row containing your project in the *Available Migration Projects* table and choose *Open*.	
Switch to the *Migration Objects* tab and select the table row containing your Migration Object. Choose *Open*.	
Select your file from the overview list of the *Source Files* area and choose *Start Transfer* to migrate the data from your file. Note A Guided Activity controls the data	

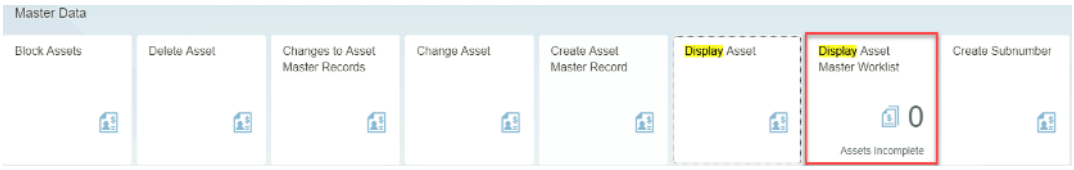
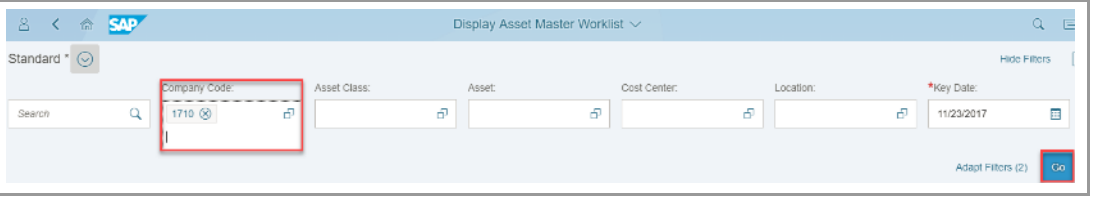
What to Do	What You Will See
migration process. Execute all work steps one after another.	
Choose on *Close* to close the dialog window when the progress reaches 100%. Note You can ignore error messages regarding value mappings. These errors are fixed in the *Convert Values* step. Correct all other occurring errors. In case that data changes in your source file are required to solve the error, select the file, choose *Download*, and save it on your local PC. After changing the data, repeat activity *Transfer Migration Template Data* once again.	
Choose on *Next* to navigate to the next work step.	
Select each table row one by another and choose on *Process Task* to maintain your migration settings. Note If you have entered correct target values into your sheet and you are sure that they are correct, you can also select more than one open value mapping from your *Worklist* and choose the *Confirm Mapping Values* function. If the values are correct, all chosen open value mappings will be confirmed.	

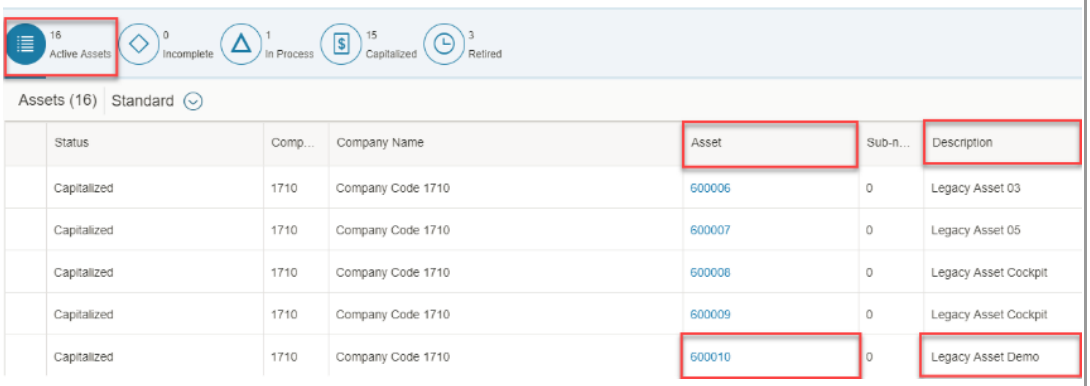
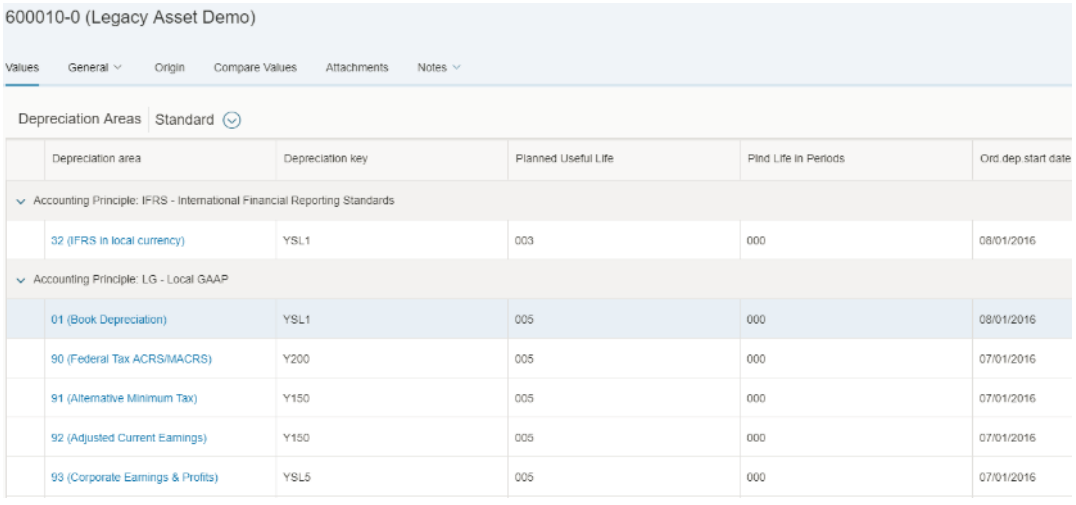
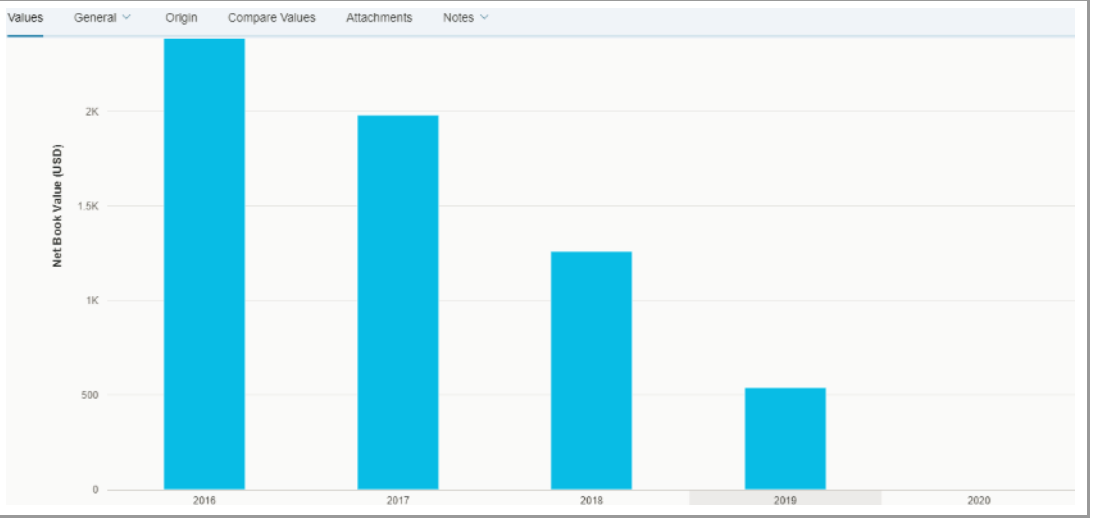
What to Do	What You Will See
After all mappings are done, choose the *Confirm Mapping Values* button.	
Choose *Next* to navigate to the next work step.	
Choose on *Close* to close the dialog window when the progress reaches 100%. Note Correct all possible errors and choose Repeat Simulation to execute the simulation again. Repeat this process until you solved all errors. Format "Repeat Simulation". In case that data changes in your source file are required to solve the error, select the file, choose *Download* and, save it on your local PC. After changing the data, repeat activity *Transfer Migration Template Data* once again.	
Choose *Next* to navigate to the next work step.	

What to Do	What You Will See
Choose *Close* to close the dialog window when the progress reaches 100%. Note Correct all possible errors and choose *Repeat Import* to execute the import again. If you cannot solve all the errors, continue with the next step.	
Choose *Finish* to complete the currently active Guided Activity. Note In case that a new **`Delta File`** has been created that is changed, select the file, choose *Download*, and save it to your local PC. After changing the data, repeat activity *Transfer Migration Template Data* once again.	

2.6 Validate Imported Data using SAP S/4HANA Business Apps

The purpose of this activity is to check completeness of the migrated data in the target SAP S/4HANA system using corresponding apps or transactions.

What to Do	What You Will See
Log on to your SAP S/4HANA backend system. *User:* **`S4H_AA_DEM`** *Password:* **`Welcome1`** Search for the *Display Asset Master Worklist* app to validate the existence of the imported asset.	
Enter your assigned company code and choose the *Go* to populate your assets list.	

What to Do	What You Will See
In the *Active Assets* tab, search for the asset you have imported by looking on the *Description* tab.	
You can choose to visualize your asset by choosing the arrow on the right of your column.	
Once you choose to visualize your asset, the following screens will show.