Alliance to IFS Cloud Migration User Guide

Filename

Alliance to IFS Cloud Migration User Guide v0.7

Changes

Rev	Date	Author	Description
0.1	Oct 2022	I Orland	Initial draft for Phase 1
1.0	Jan 2023	I Orland	Review of Phase 1
1.5	July 2023	A Hayut I Orland	Phase 2 additions
2.0	August 2023	E Dyson	Updated to IFS template

Approvals

Rev	Date	Approved By
2.0	September 2023	Ingo Orland

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Table of Contents

1 About the Solution

The Alliance to IFS Cloud migration solution is based on best practices and is a starting point for Alliance customers to jumpstart the migration to the new IFS Cloud environment. The solution includes predefined Alliance Export templates, an IFS Data Migration Manager template and all data mappings.

All elements of this solution can easily be modified to fit specific customer requirements, such as adding custom fields, modifying mappings, adding customer or other entities.

1.1 About This Document

This document provides information on:

- How to deploy the solution on existing environments (Alliance and IFS Cloud)
- How to prepare the data for specific entities
- How to migrate the data

1.2 Who Should Use This Document?

This document is intended for technical personnel, both customers and IFS/IFS partners alike. Readers should be familiar with the process of data migration between information systems in general, and the usage of the IFS Cloud Data Migration Manager in particular.

Readers should have a good knowledge of the Data Migration Manager so that they can perform the data migration steps in IFS Cloud and implement modifications that might be required for their business.

1.3 Supported Environments and Versions

The solution package is intended for:

- Alliance version 15SP4SU3
- IFS Cloud 22R2
-

NOTE: Later versions of IFS Cloud can be supported. Please contact IFS Support for more information.

1.4 Limitations

The following are some know limitations of this solution:

- Currently Alliance Language description columns are not supported in the mapping and their values for other languages will not be migrated.
- Alliance has an export limitation of maximum 1.5 M records. However, the file is created and located in the Alliance/Shared folder: C:\AsteaShare\PROFILES\GfTD\FileStoragePath\Export and can be downloaded from there.
- Microsoft has a file size limitation. When trying to open a CSV file in MS Excel with more than 1,048,576 rows, you will get this error. Use a text editor to modify or split the file to a size that can be opened by MS Excel.

1.5 Terms and Abbreviations

Table 1: Terms and Abbreviations

Term/Abbreviation	Description
SQL	SQL is a standard language for storing, manipulating and retrieving data from databases.
Alliance Export Template	Alliance export templates enables users to export data of any kind from Alliance to a text or Excel file. There are standard Alliance Export templates, but users can modify these or create their own.
Alliance Customizer	The Alliance Customizer allows users to configure the Alliance application to their business needs. Customizers can add among other, new fields, modules, reports etc.

Term/Abbreviation	Description
Process Flow	Process Flows allow organizations to adjust the standard Alliance Enterprise functionality to their business needs. This is in line with the Astea Customizer that allows customization of the Alliance Enterprise user interface. Process Flows are graphical work or business flows, which can be used to modify or create documents, build outbound integrations, and send messages for escalation purposes to anyone using different communication channels. They comprise pre-defined building blocks that allow you to quickly build powerful workflows for your organization without any advanced knowledge (e.g., programming, SQL etc.). You can create their own additional building blocks to enhance these capabilities.
DMM	IFS Cloud Data Migration Manager

2 Solution Deployment

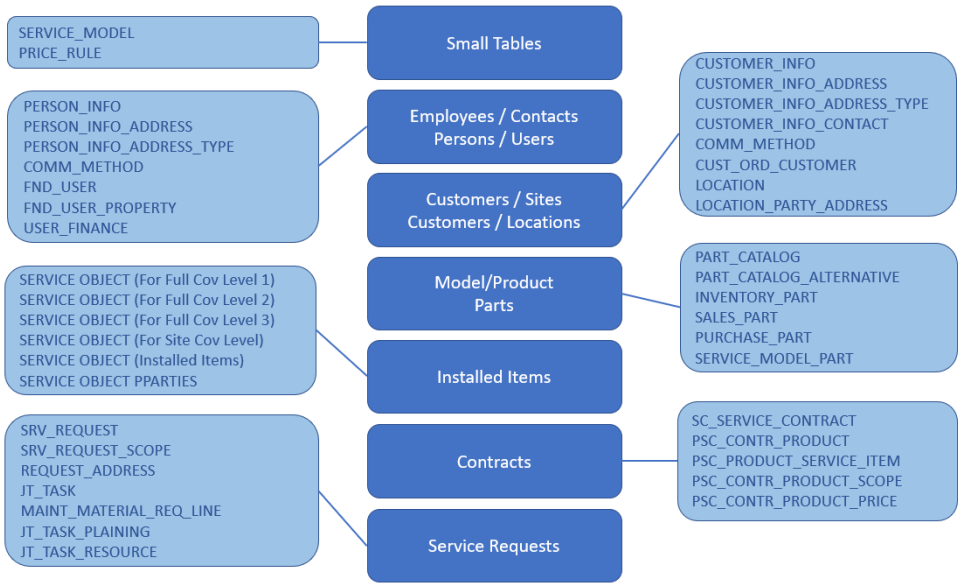
This section describes how to deploy the Alliance to the IFS Cloud Migration solution package.

- The solution package itself is a single compressed ZIP file containing different files.
- Some of these need to be deployed in the Alliance environment, while others are deployed in the IFS Cloud environment.

2.1 Solution Overview

The solution allows the migration of the following Alliance entities (dark blue) to IFS Cloud tables (light blue):

Figure 1: Entities and Objects



2.2 Solution Package Contents

The solution package consists of a compressed ZIP file that contains the following files:

Table 2: Solution Pack Contents

File Name	To be deployed to	Description
Alliance to IFS Cloud Migration User Guide v2.0.pdf	General	Solution User Guide. (This document)

File Name	To be deployed to	Description
Alliance2IFS_Migration_V2_0.txt	IFS Cloud	IFS Data Migration Manager Project Template file. This template is used when creating the customer specific data migration manager project.
ALLIANCE2IFS_APPCFGPKG_V2_0.zip	IFS Cloud	IFS Application Configuration package. These contain custom attributes (ORIG_RECORD_ID) for the following IFS entities: Customer Supplier Part This new field will hold the original record ID from Alliance.
Alliance2IFS_Migration_CONTRACT_Mapping_V2_0.txt Alliance2IFS_Migration_CUSTOMER_Mapping_V2_0.txt Alliance2IFS_Migration_ITEM_INST_Mapping_V2_0.txt Alliance2IFS_Migration_PERSON_Mapping_V2_0.txt Alliance2IFS_Migration_PRODUCT_Mapping_V2_0.txt Alliance2IFS_Migration_REQUEST_Mapping_V2_0.txt Alliance2IFS_Migration_SMALLTABLE_Mapping_V2_0.txt Alliance2IFS_Migration_SUPPLIER_Mapping_V2_0.txt	IFS Cloud	IFS Data Migration Manager Mapping files
Alliance To IFS Migration.exe	Alliance	Migration specific upgrade for Alliance. This upgrade will deploy some Alliance application files, as well as execute some SQL scripts against the Alliance profile (database).
Alliance2IFS_Customizations_V2_0.gz	Alliance	Alliance Customizer Customizations. These are customizations add a custom field (cst_ifs_id) to the following Alliance entities: Customer Center Product Center Vendor Center Contacts

File Name	To be deployed to	Description
Alliance2IFS_ProcessFlow_V2_0.zip	Alliance	Alliance Process Flow that is used to populate a value into the new custom field (cst_ifs_id)
Alliance2IFS_ExportTemplate_V2_0.etp	Alliance	Alliance Export Templates are used to extract the all required data to CSV files

2.3 Extract the Package Contents

Extract the package contents to a folder of your choice.

NOTE: To install the file 'ALLIANCE2IFS_ALLIANCEUPGRADE_V1_0.exe' you will need access to the Alliance servers (On Premise or Cloud) as part of the deployment process.

2.4 Read the Documentation

Read this document in full before you start the deployment process and data migration. Don't miss this step!

2.5 Alliance Deployment Steps

As part of the solution deployment process, the steps list here must be performed on the Alliance Installation/Profile from which the Alliance data should be migrated.

There are four main steps:

1. Upgrade Alliance for Migration (Step 1)
2. Import Customizer Customization (Step 2)
3. Import, Activate and Run the Process Flow (Step 3)
4. Import Alliance Export Templates (Step 4)

2.5.1 Upgrade Alliance for Migration (Step 1)

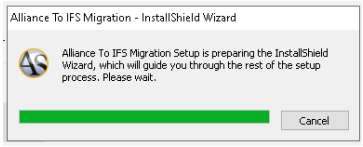
As a first step you need to upgrade the Alliance Server.

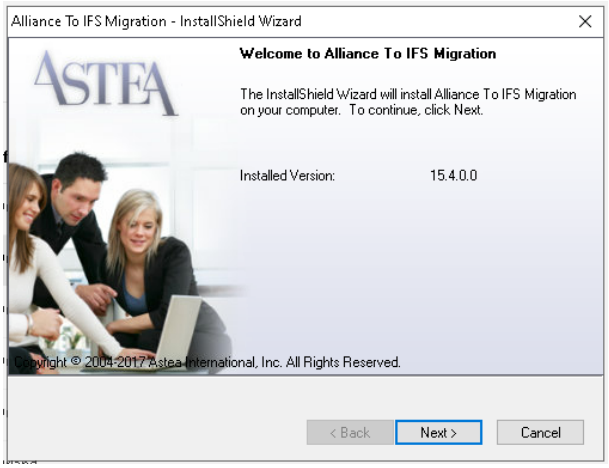
The upgrade utility 'Alliance2IFS_AllianceUpgrade_V2_0.exe', consists of application fixes regarding the export functionality in Alliance, as well as meta data in form of a SQL script (Export Templates, Application Setup Data, DB Stored procedure.

➔ To upgrade Alliance for Migration:

1. Copy the file ‘Alliance2IFS_AllianceUpgrade_V2_0.exe’ from the files extracted earlier from the ZIP archive, to a shared folder of your choice. The folder must be accessible from all Alliance application servers (on premise or cloud).

2. Start the upgrade process.





NOTE: The above image is for reference only and does not reflect the correct installed/supported version.

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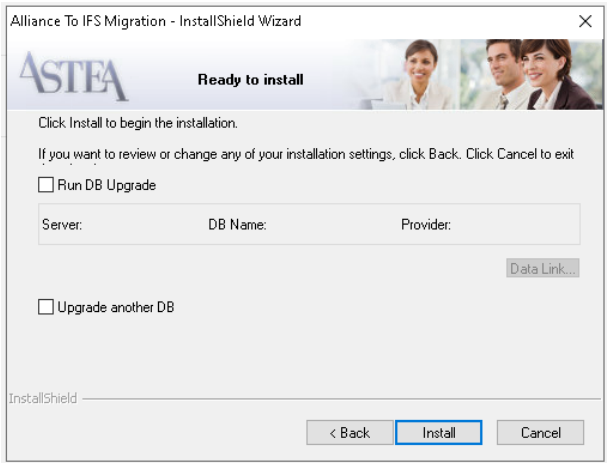
3. Click **Next**

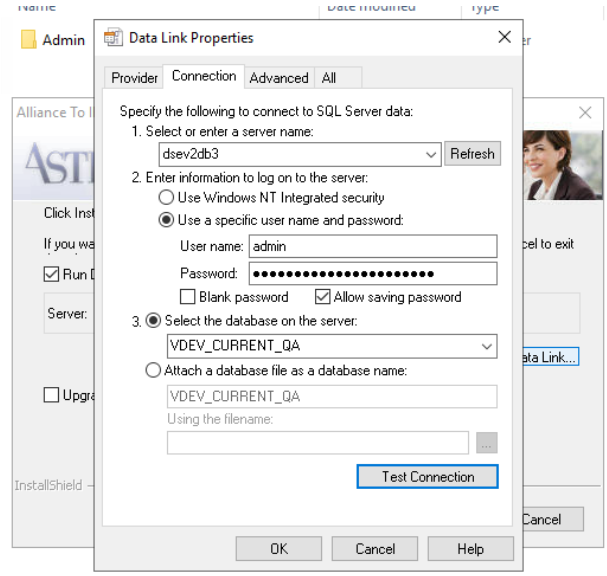


4. Check the **Run DB Upgrade** checkbox.

- As a minimum, run the DB upgrade on one database. This is normally the production DB.
- By checking the **Upgrade another DB**. You can upgrade multiple databases during the process.

5. Click the **Data Link…** button to enter the DB connection properties.

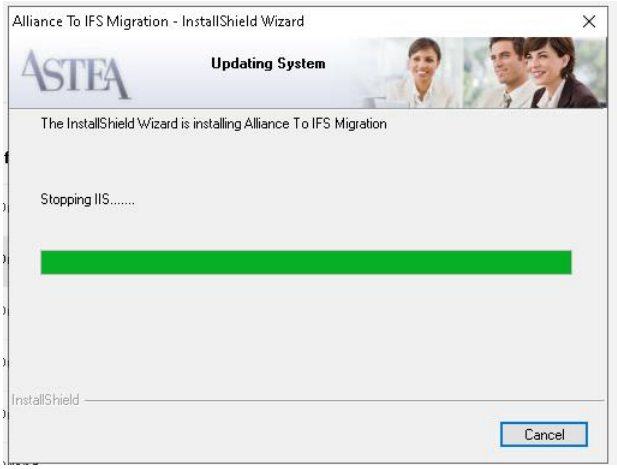
   - Make sure you select the **Allow saving password** checkbox.



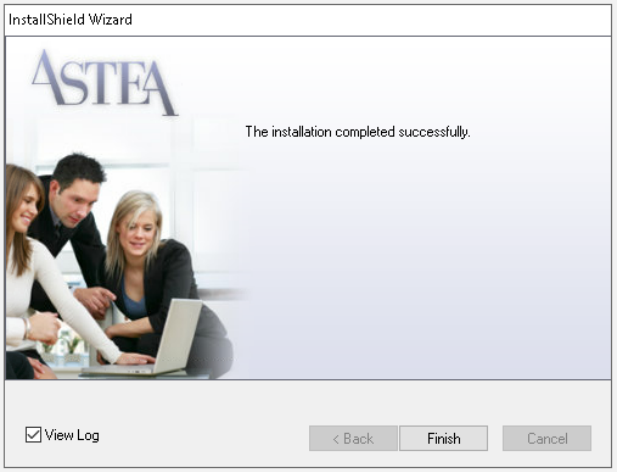
6. Check your connection details by clicking the **Test Connection**.

7. After exiting the Data Link Properties dialog, click **Install** to start the installation of the upgrade.

   - The installation process will open several windows during the course.



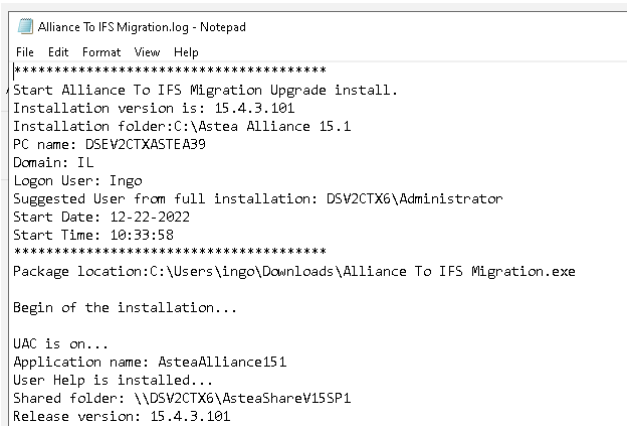
8. Upon completion, the screen shown below is displayed.



- By default the **View Log** checkbox is selected.

9. Click **Finish**.

- The installation log will be displayed with a detailed description of the steps performed during the upgrade.



File Locations

A backup of all original files replaced during the upgrade all *.config files, is located in:

“..\Program Files\Astea Alliance150\Backups\Upgrade\PRE-Alliance To IFS Migration

Rollback

If required, a file rollback should be done manually, by copying the original files back to their or specific locations.

If needed, the installation can be performed again.

2.5.2 Import Customizer Customization (Step 2)

The second step is to import the Alliance Customizer customizations, needed for the data migration.

The customizations done as part of this solution will add a custom field (cst_ifs_id) to the following Alliance entities:

- Customer Center
- Product Center
- Vendor Center
- Contacts

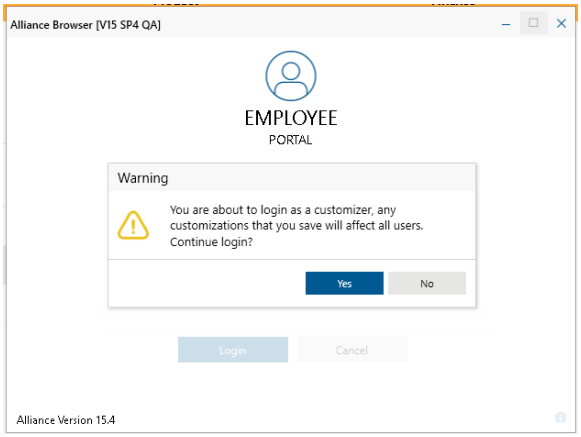
The custom field stores modified Alliance ID values for the specific entity. This is needed as the IFS unique IDs have a different field length, do not allow for certain special characters and have to be uppercase.

The new IDs will be generated by a new process flow (next step) and a DB stored procedure (first step).

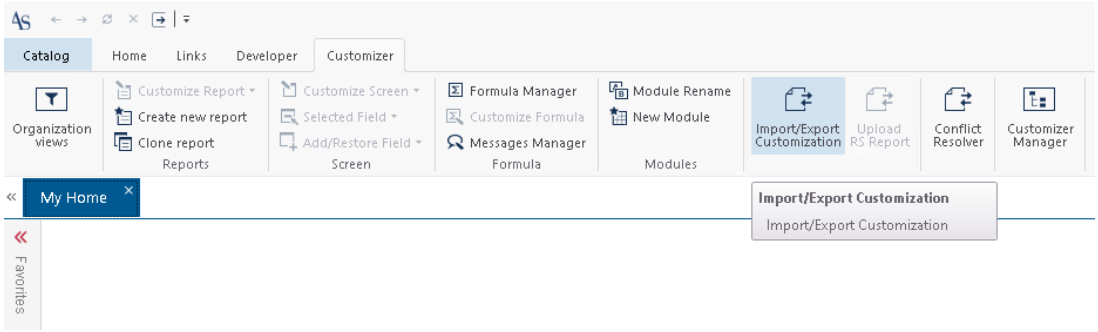
The IDs can be modified within Alliance, manually or through a custom-built Import template (to be built if needed).

➔ Import Alliance Customizer Customizations:

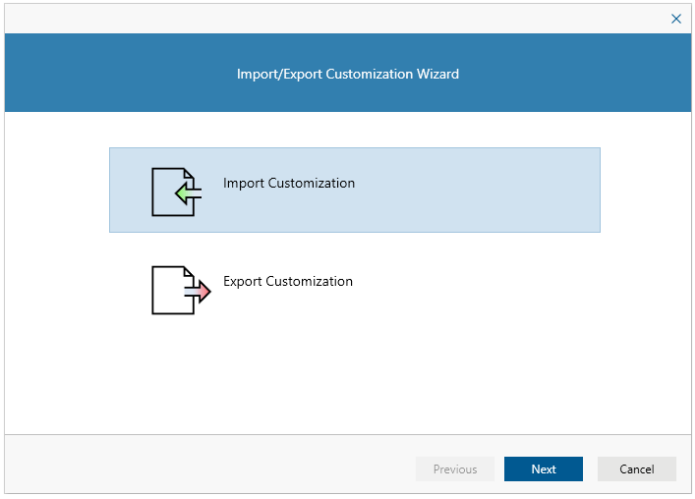
1. In order to import Alliance Customizer customizations you need to login to the Alliance Browser (not Chrome/Edge) as a designated “customizer” user.



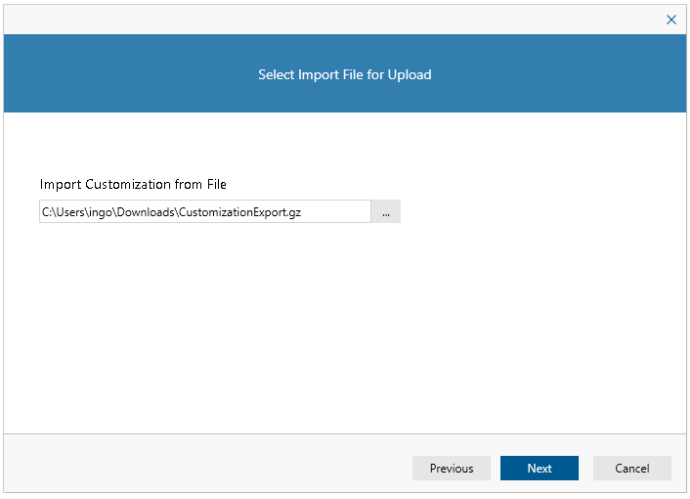
2. Go to the **Customizer** tab and click on Import/Export Customization



3. Click on Import Customization and click Next



4. Click **File Selector** (“**…**”) and choose the “Alliance2IFS_Customizations_V2_0.gz” file from the files extracted earlier from the Solution Package ZIP archive.



For more information, refer to existing Alliance Customizer standard documentation.

NOTE: If you have existing Alliance Customizer customizations for the above entities, you will need to merge these, or manually create the custom fields in your Alliance Instance using Customizer. For more on the merge process, please refer to the existing Customizer documentation. When manually creating fields, it is important to create the exact field name: cst_ifs_id.

2.5.3 Import, Activate and Run the Process Flows (Step 3)

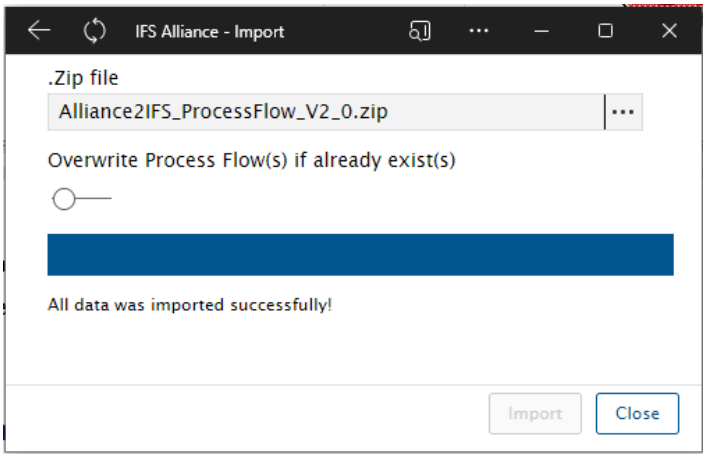
The solution includes a Process Flow ("ASTEA_generate_ifs_ids").

The Process Flow is used to populate values into the new field cst_ifs_id, that was added as part of the customizer customizations.

The Process flow calls a database-stored procedure to populate these ID values according to IFS rules:

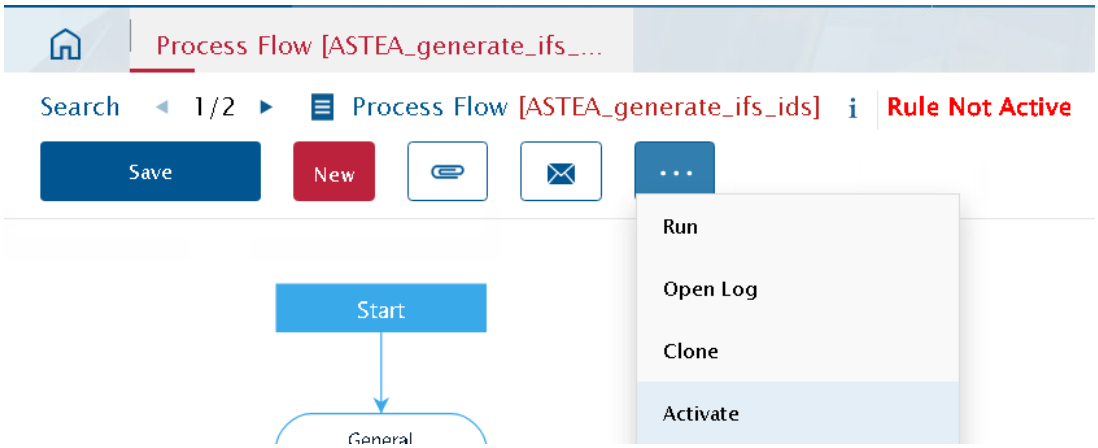
- ID must be uppercase.
- Valid number of characters for ID (per entity)
- Certain characters are not allowed.

➔ **Import, activate and run the process flow :**

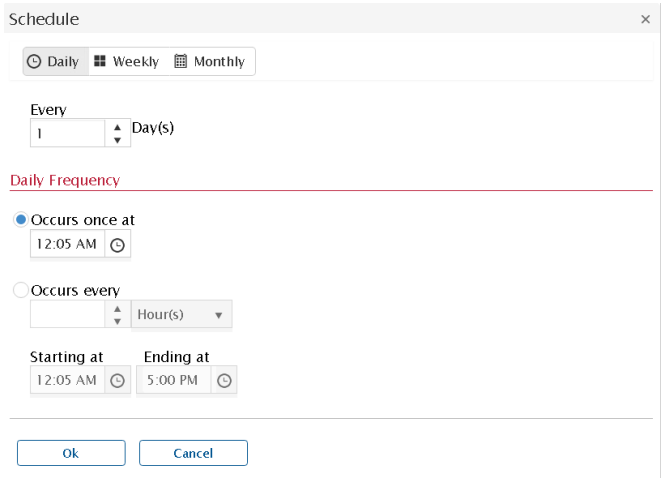
1. Open the module **Process Flow** in Alliance and click the **Import** button in the QBE screen.
2. Select the file: Alliance2IFS_ProcessFlow_V2_0.zip from the extracted solution file and click **Import.**
3. 

4. After successful import, press **Close.**

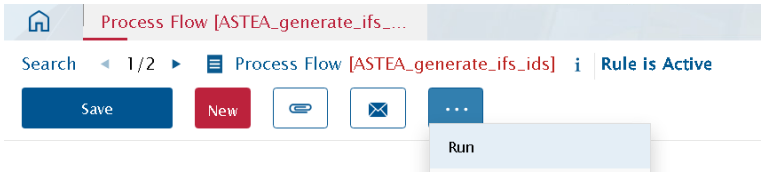
5. Next drill down into the newly created process Flow "**ASTEA_generate_ifs_ids**" and choose from the 3 dots menu, select **Activate.**



6. By default, the schedule for this process flow should be run daily at:



7. However, you can execute the Process Flow immediately by clicking **Run** from the 3 dots menu.



NOTE: The execution can take several minutes depending on the number of records.

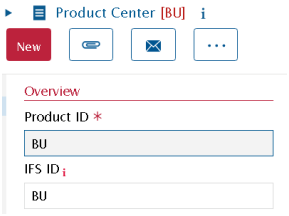
For more information, refer to the existing Alliance Process Flow User Guide documentation.

➔ Verify that the Process Flow has run successfully:

To verify, check that the field cst_ifs_id was updated with a value in the specific entities:

- Customer Center
- Product Center
- Vendor Center
- Contacts

Example:



2.5.4 Import Alliance Export Templates

The solution includes pre-defined Alliance Export templates (“Alliance2IFS_ExportTemplate_V2_0.etp”) that allow the export of data from Alliance for the migration.

➔ Import Alliance Export Templates:

1. In order to import Alliance Customizer customizations you need to login to the Alliance Browser (not Chrome/Edge)

2. Open the module **Export** and click the **Import** button 

3.

4. In the Open File dialog choose the Alliance2IFS_ExportTemplate_V2_0.etp file from the solution package and click the **Open** button.

2.6 IFS Cloud Deployment Steps

As part of the solution deployment process the following steps must be performed on the IFS Cloud instance to which the Alliance data should be migrated.

The process includes these steps:

1. Import IFS Application Configuration Package (Step 1)
2. Set Up a New Migration Project (Step 2)
3. Import Mapping Files (Step 3)
4. Include Basic Data Tables (Step 4)
5. Extract Basic Data (Step 5)

2.6.1 Import the IFS Application Configuration Package (Step 1)

The first step is to import the IFS Application Configuration Package, needed for the data migration project.

The application configuration package ALLIANCE2IFS_APPCFGPKG_V1_0.zip is part of this solution and will add a custom attribute/field (ORIG_RECORD_ID) to the following IFS entities:

- Customer
- Supplier
- Part
- Request Contract
- Service

The custom attribute stores the original Alliance ID values for the specific entity.

- This is needed because the IFS unique IDs may have a different value.
- It is especially required when there are existing integrations for these entities to external systems and they, are based on the original IDs. It's also required for reference purposes

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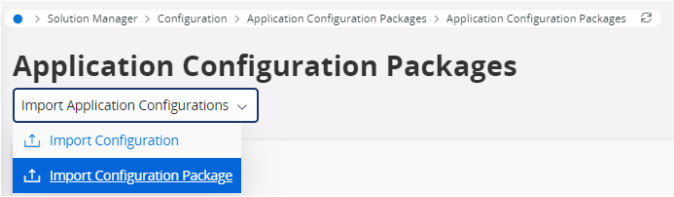
NOTE: For the entity Person, the original Alliance Person ID is saved in the column "Alternative Name".

These new attributes are part of the mapping.

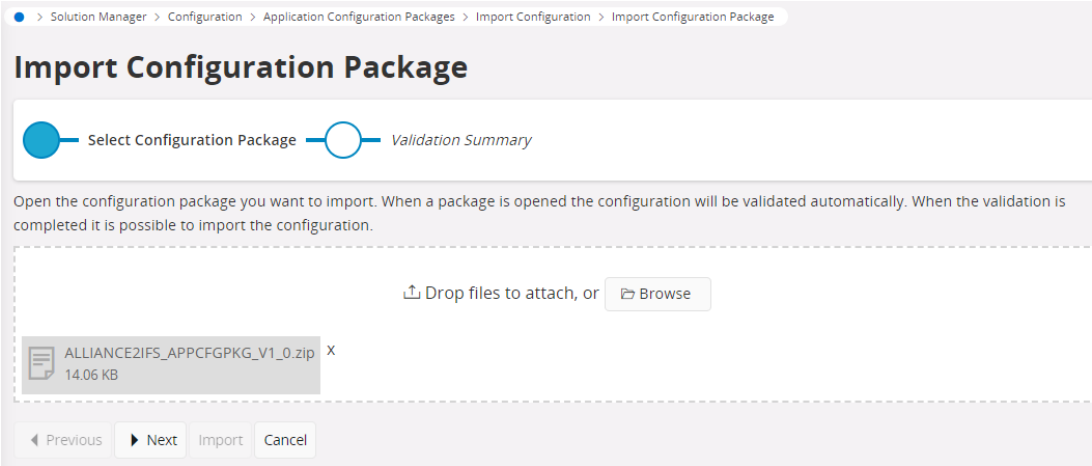
➔ **Import the IFS Application Configuration Package:**

1. Login to IFS Cloud with the necessary user permissions.
2. Go to the module **Application Configuration Packages**.

3. Click **Import Application Configurations**.

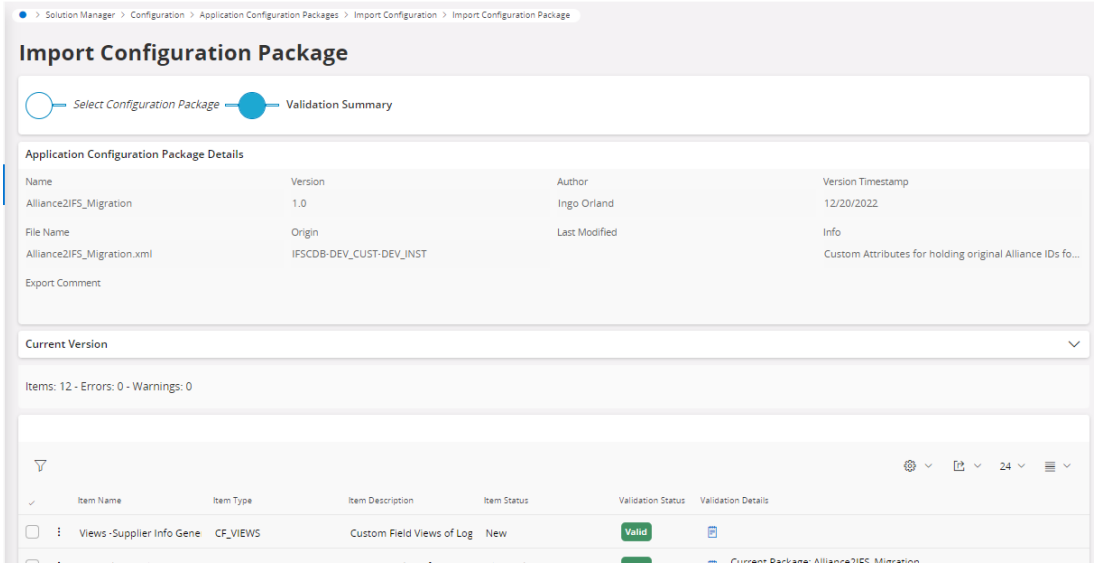


4. Click **Browse** and choose the “ALLIANCE2IFS_APPCFGPKG_V1_0.zip” file from the files extracted earlier from the Solution Package ZIP archive.



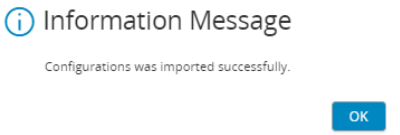
5. Click **Next** to open and validate the package.

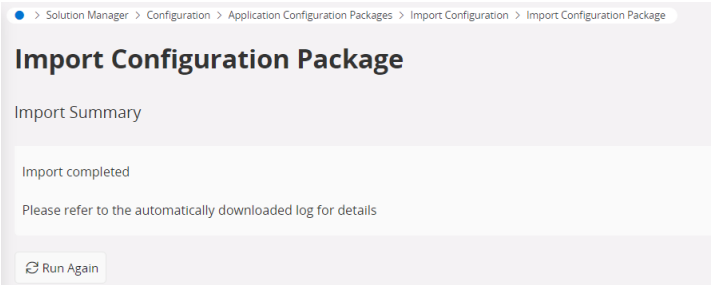
   - If successful, the screen will show 0 errors and 0 warnings.



6. Click **Import**

7. Upon completion you will see following notification:

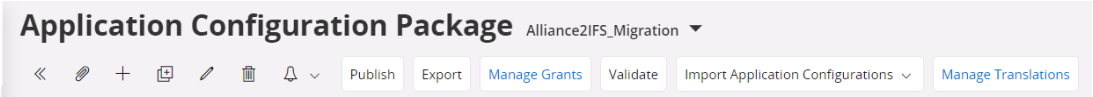




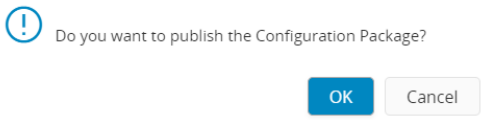
- A log file is automatically downloaded, which details the Import steps and results, for reference.
- After import, the Application Configuration needs to be published.

8. Go the entity **Application Configuration** and retrieve the package that was just imported.

9. Click **Publish** to publish the configurations.



10. A message appears. Click **OK**.

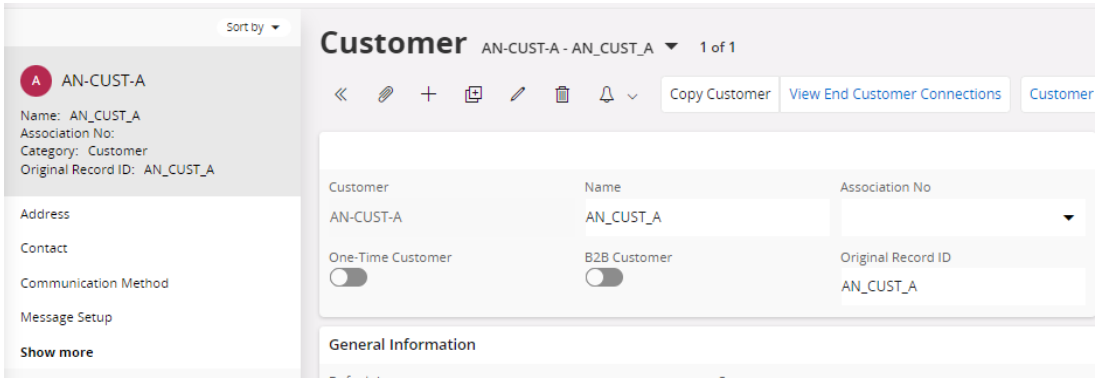


- The publication process may take several minutes.

11. After that, the following configurations should now be visible in different IFS Cloud pages:

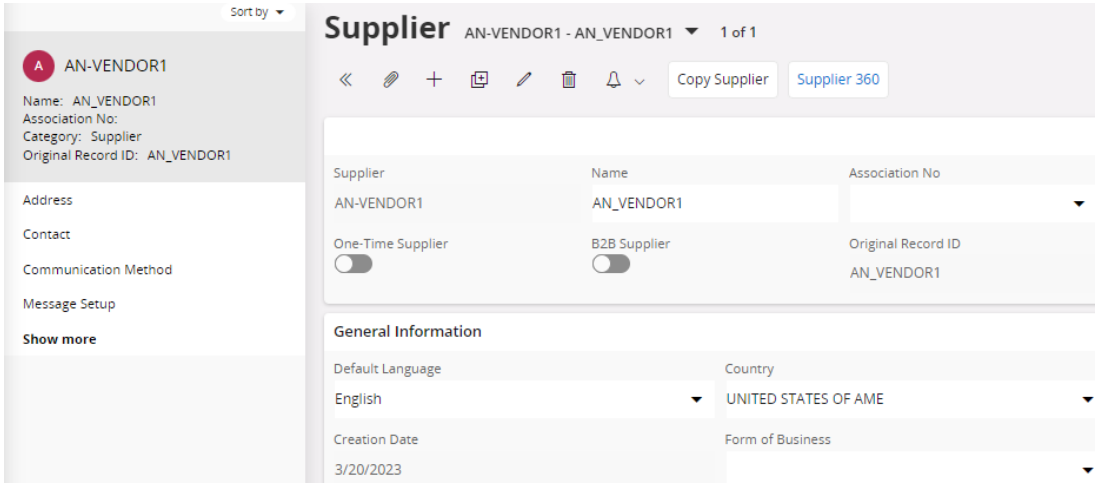
Entity: Customer

Page: Customer (main)



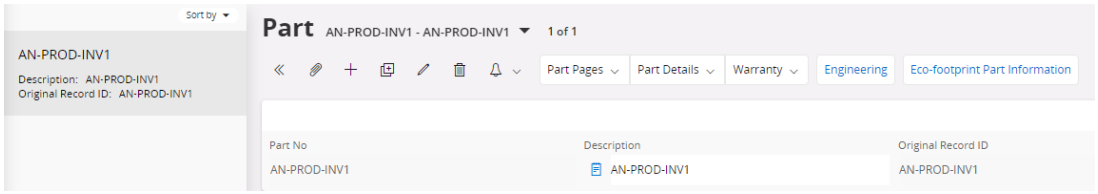
Entity: Supplier

Page: Supplier (main page)



Entity: Part

Page: Part (main page)



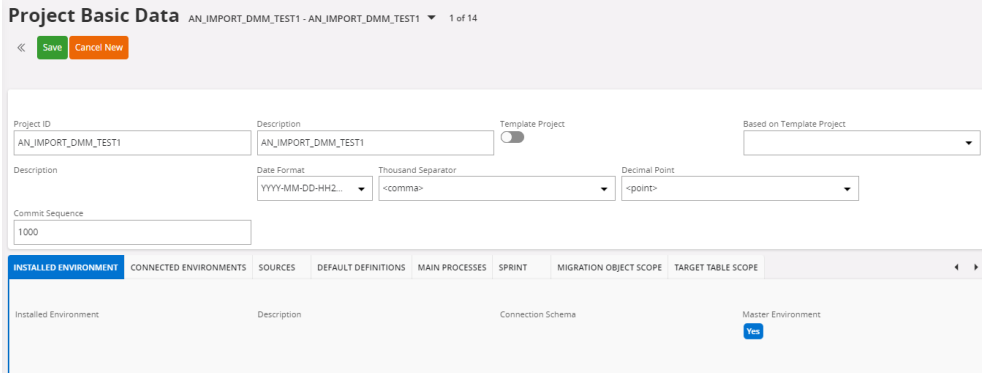
2.6.2 Set Up a New Migration Project (Step 2)

The solution includes a data migration template and mapping files in the folder where the Solution Package zip archive was extracted:

- Data Migration Project Template
- Data Migration Mapping files

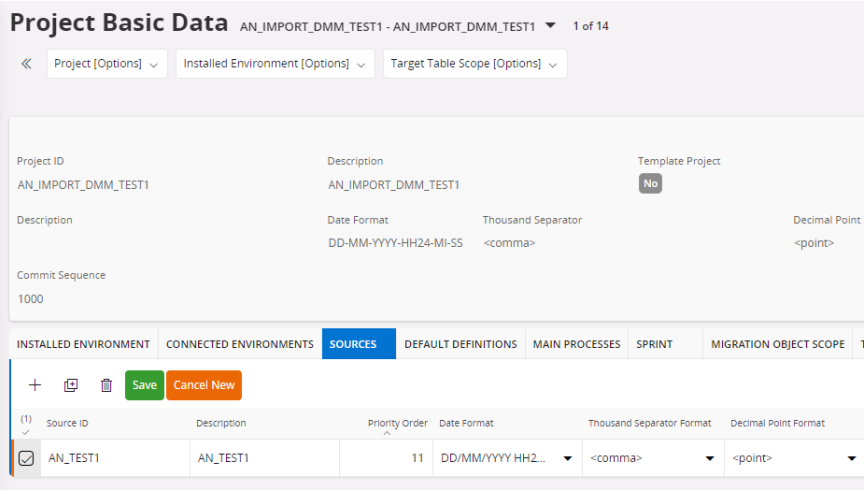
➔ IFS Cloud Deployment

1. Navigate to the Project Basic Data.
2. Create a new DMM Project with the name of your choice and save it.



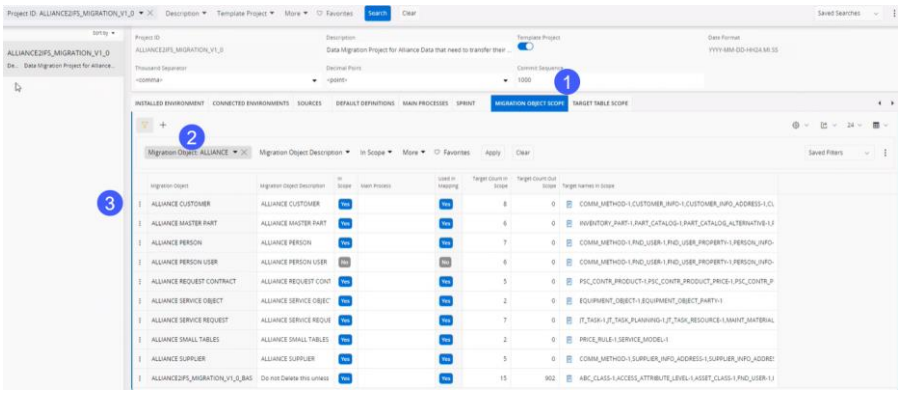
3. From **Project [Options],** select Import DMM Project Export Files.
4. From **Load Options: On Client,** select the ALLIANCE2IFSMIGRATIONV10.txt Template file and then click **Load**.
5. From **Installed Environment [Options]**, select **Define Installed Environment**.

6. In the **Sources** tab, add a new Source line with priority “11” and save the project.



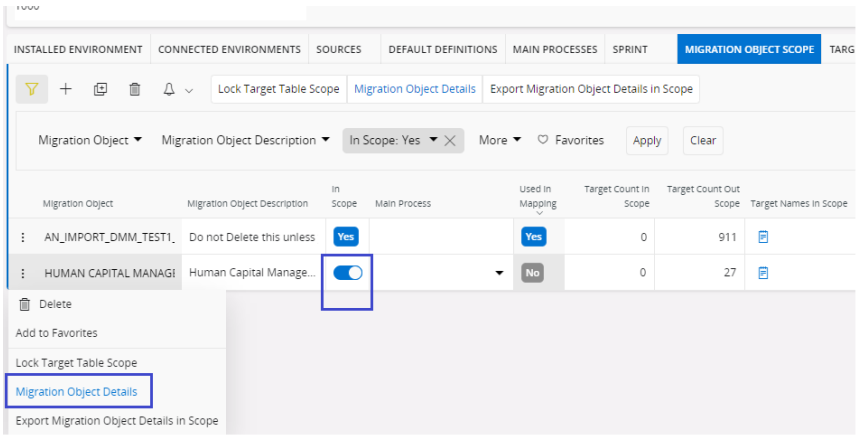
7. In the **Migration Object Scope** tab, filter by Alliance, and set relevant "Alliance" rows to be In Scope.

NOTE: The Person User line should be not set in Scope.

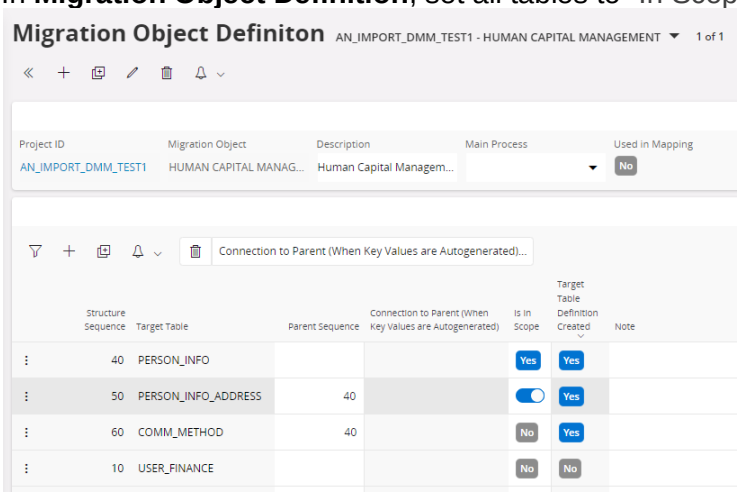


8. For each Alliance line in **Migration Object Scope**, make these changes.

- a) Click the 3 dots, select **Migration Object Details**.



b) In **Migration Object Definition**, set all tables to “In Scope”.



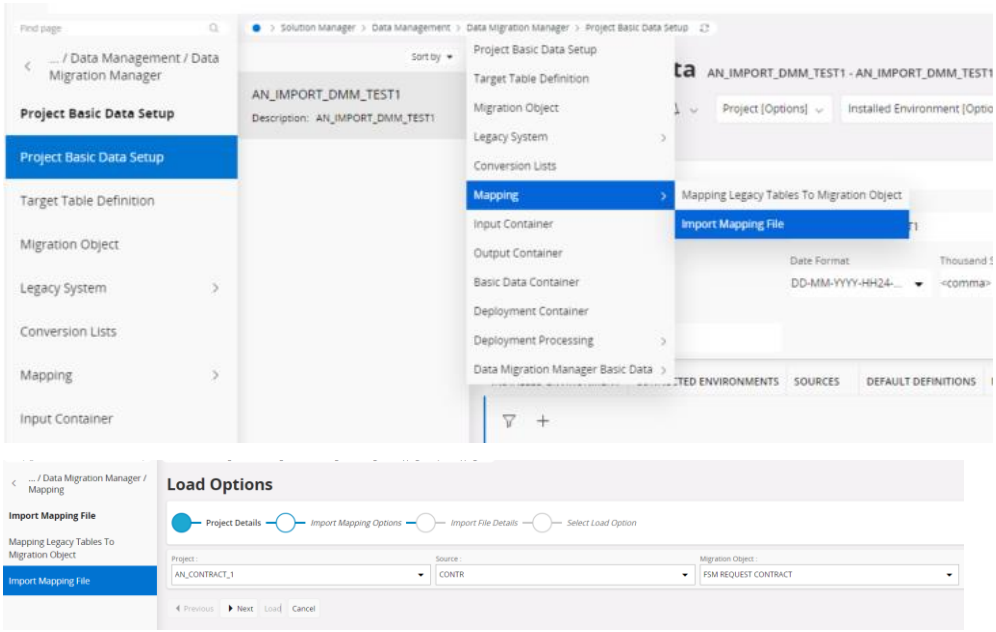
2.6.3 Import Mapping Files (Step 3)

The next step is to import the mapping files.

➔ **Import Mapping Files:**

1. Navigate to **Project Basic Data,** and open Import Mapping File.
   - Enter Project, Source and Migration Object.
   - Choose **Replace All**, **On Client** and select the Mapping file.

NOTE: Repeat this step for all Migration Objects to be used.



Optional Verification Steps

There are two optional verification steps:

- Go to **Mapping Legacy Tables,** select the Migration Object and check **Mapping Details**.
- Go to **Legacy Data**, retrieve the project and verify that all the columns exist.

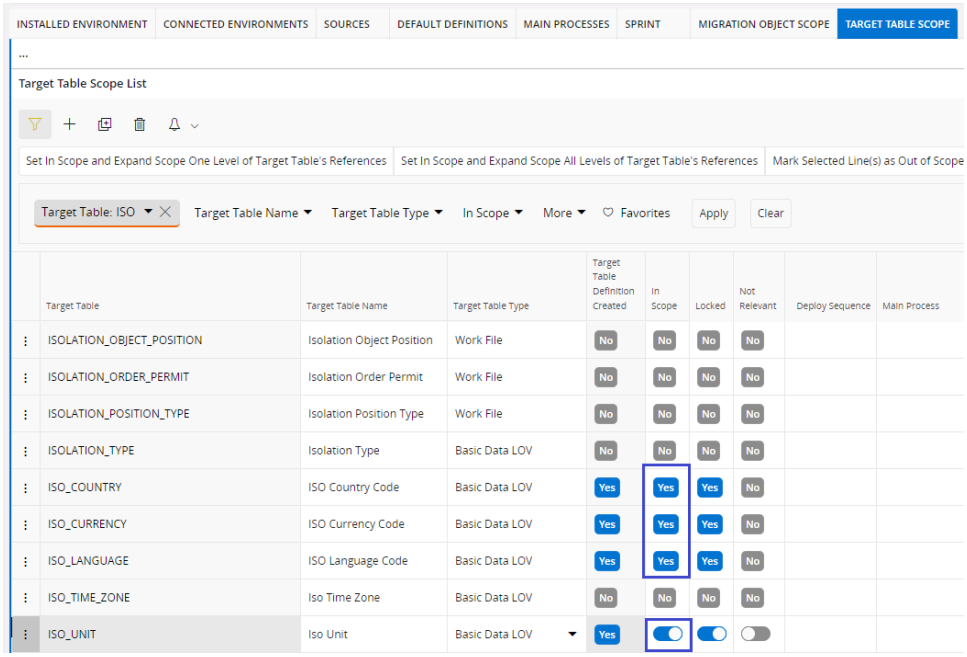
2.6.4 Include Basic Data Tables (Step 4)

Step 4 requires the inclusion of basic data tables.

➔ **Include Basic Data Tables:**

1. Go back to the **Project Basic Data** screen.
2. Go to the **Target Table Scope** tab and make sure each of these basic data tables are in scope:

   - ISO_COUNTRY
   - ISO_CURRENCY
   - ISO_LANGUAGE
   - ISO_UNIT



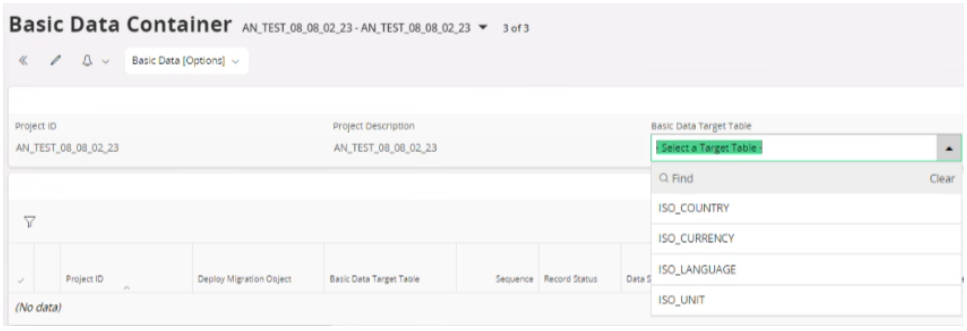
2.6.5 Extract Basic Data (Step 5)

The final step is basic data extraction.

➔ **Extract Basic Data:**

1. Go to the **Basic Data Container** module and select the **Basic Data** container for the newly created migration object.

2. The **Basic Data Target Table** dropdown should show the following 4 values:



3. Select the first table from the dropdown and click **Extraction of Date from Connected Env**.

4. In the **Environment For Data Extract** screen, select the Environment from your DMM Project and click **OK**.

5. Back in the Basic Data Container

   - Click **Basic Data [Options]** and choose **Validate Meta Data**.
   - Click **Basic Data [Options]** and choose **Validate Basic Data.**
   - Click **Basic Data [Options]** and choose **Approve Basic Data**.

6. Repeat the steps above for the 4 basic data tables: ISO_COUNTRY, ISO_CURRENCY, ISO_LANGUAGE, ISO_UNIT.

3 Solution Usage – Data Migration

This and the following sections describe how to migrate the data from Alliance to IFS Cloud.

The general steps are:

1. Preparation: certain preparational steps are required before starting the actual migration of data from the source to the target system
2. Alliance: Exporting the Data: Export Alliance data using the Alliance Application Setup Guide.
3. Modify the exported data in Excel where necessary.
4. IFS Cloud: Migrating the Data: Use the IFS Data Migration Manager to migrate the exported data to IFS Cloud.
5. Verify the deployed data in IFS Cloud.

3.1 Migration Preparation

This section includes setup information for entities that are needed in order to load Alliance data.

NOTE: This document doesn't include a list of all entities required to set up a basic IFS Cloud.

Before migration, complete the preparation steps in this section for both IFS and Alliance.

3.1.1 Preparation in IFS

Before you can load Alliance export data into IFS Cloud, some manual basic data setup needs to be completed first in IFS Cloud.

Table 3: Essential Data Setup

Category	Details
General	Languages Countries Currency

Category	Details
Organization	Companies Sites Maintenance Organization Service Organization Branches Resource Group Users (once employees and contacts have been migrated)
Parts	Unit Code Weight UOM Site, Price UMO Sales UOM Default Purchase UOM
Service Objects	Object Site Supplier Code Part No
Request Contracts	Object Levels

Manual Record Creation

You need to create some default records manually for the following entities:

- Object Level
- Price Rule
- Service Catalog
- Service Level Package
- Request Service Level Agreement
- Specific Non-Inventory Sales Part
- Resource Group (as Alliance Action Groups)
- Request Type

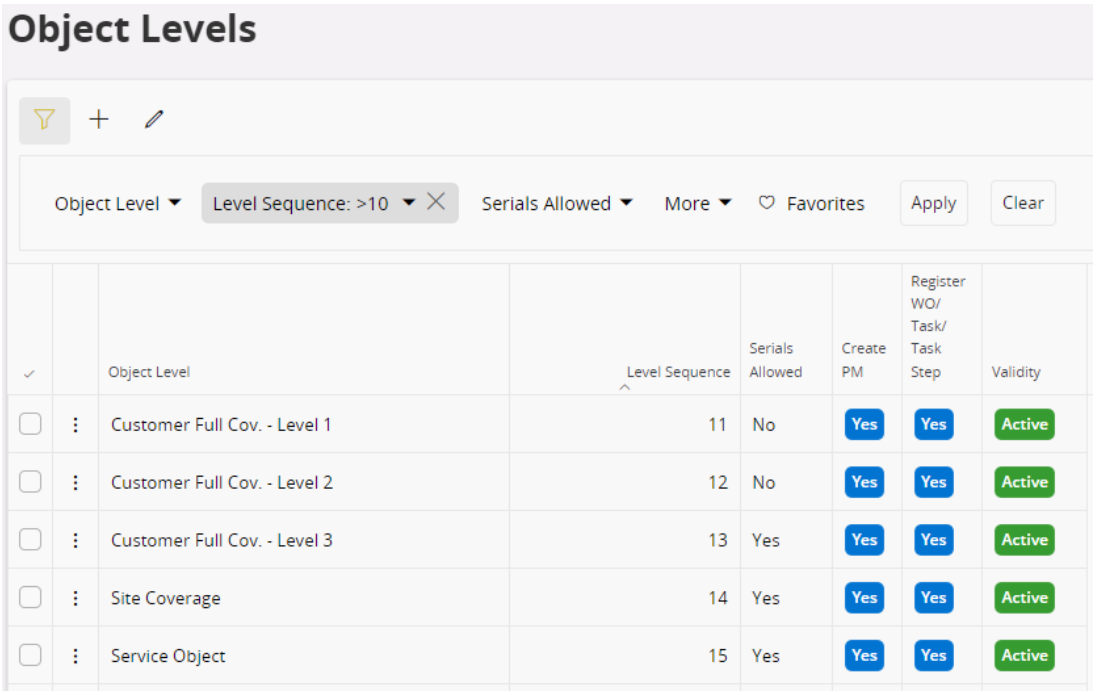
This default values will be used during the migration.

Object Level

For full coverage/site coverage contracts, you need to create these object level records manually:

- Site Coverage
- Customer Full Cov. – Level 3
- Customer Full Cov. – Level 2

- Customer Full Cov. – Level 1



Price Rule

Add prices rules after the migration of the Price Rule header – 0

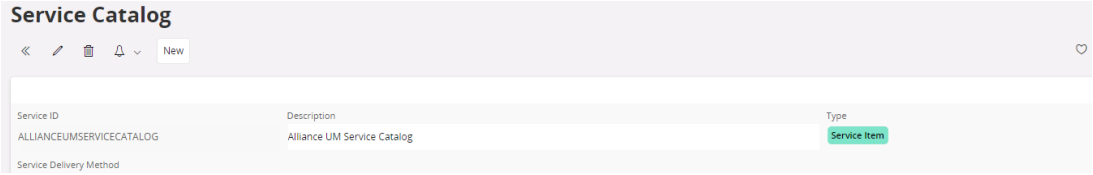
Small Tables.

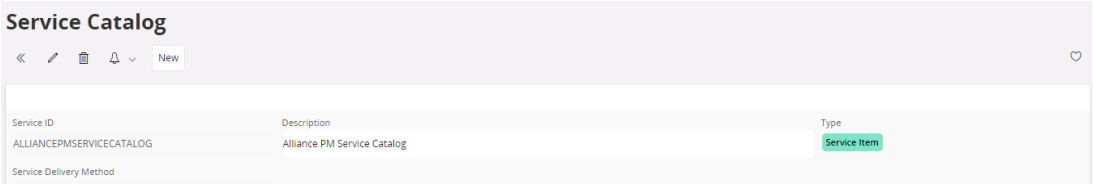
- Alliance Pricing Rules that are migrated to IFS Cloud Price Rules, include the ID and Description only.
- Each price rule needs to be setup manually in IFS Cloud.

Service Catalog

There is no equivalent concept in Alliance of Service Catalogs in IFS Cloud.

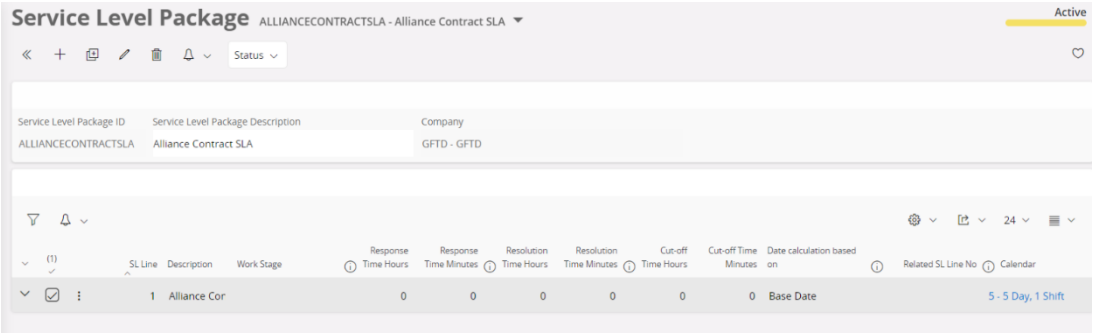
- In order to support PM and UM on separate contract lines, at least two different default service catalogs are required.
- The details for each can be defined according to your business needs.





Service Level Package

Service Level Packages are not part of the migration. Because the definition and structure differ from Alliance, a manual setup of at least one default Service Level package is required.

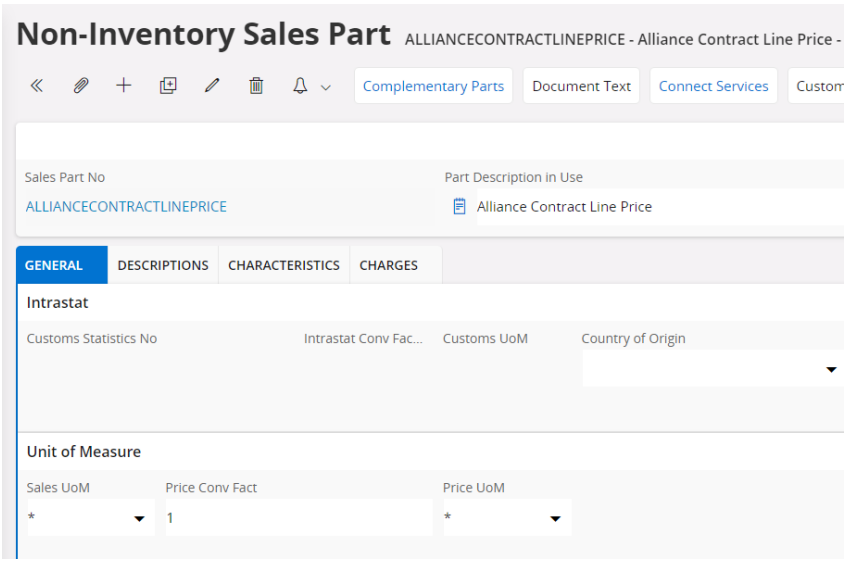


Request Service Level Agreement

Request Service Level Agreements are not part of the migration. Because the definition and structure differ from Alliance a manual setup of at least one default Request Service Level Agreement is required.

Specific Non-Inventory Sales Part

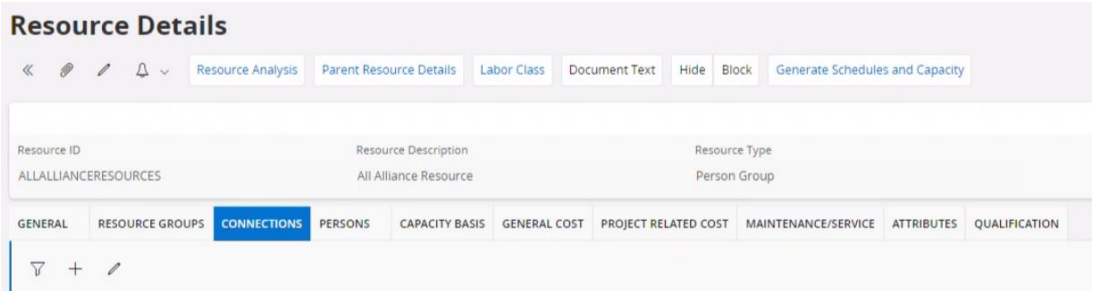
In order to define the contract line price in IFS Cloud a at least one Non-Inventory Sales Part must be defined. The actual price on the request contract line will be the price from the Alliance customer contract.



Resource Group (as Alliance Action Groups)

All Alliance Action Groups should manually be defined as Resource Groups in IFS.

In addition, a default IFS Resource Group is needed for cases where there is no Action Group at all on the activity in Alliance.



Request Types (as Alliance Request Types)

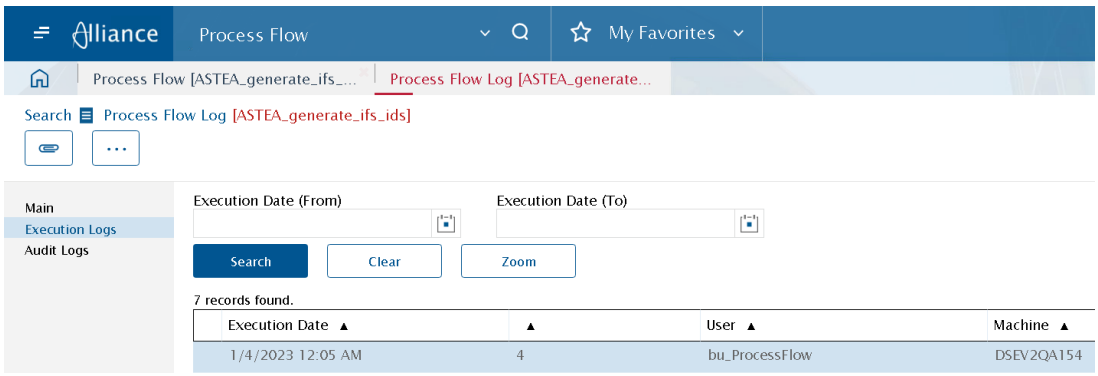
All Alliance Request types should manually be defined as Request Types in IFS.

3.1.2 Preparation in Alliance

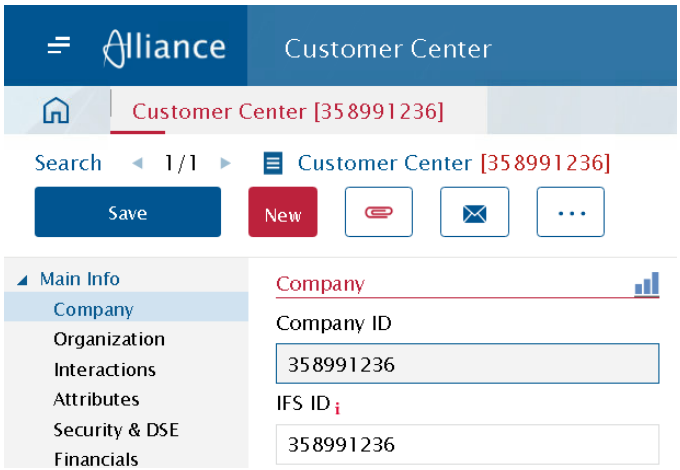
These steps in Alliance are needed before migration.

Create IFS IDs

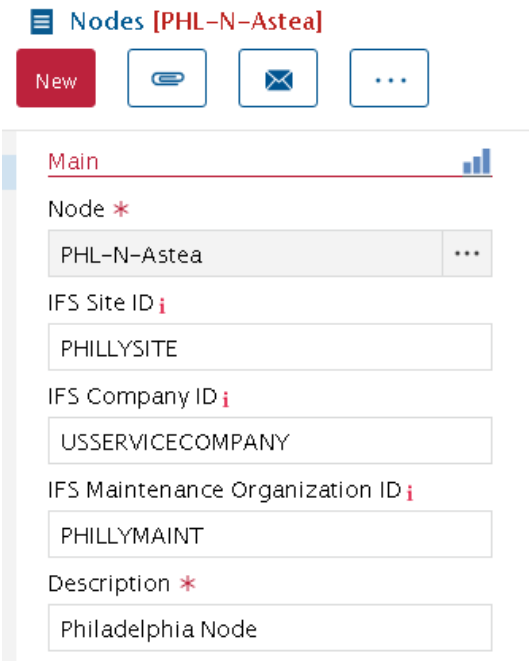
Before exporting Alliance Data, make sure that the Process Flow “ASTEA_generate_ifs_ids” was executed successfully.



Also, the new IFS ID fields in the different entities are populated with values.



Within the entity Node, new custom fields were created as part of the Alliance Customizer customizations. The custom fields enable mapping an Alliance Node to the IFS Cloud Company/site/maintenance organization structure.

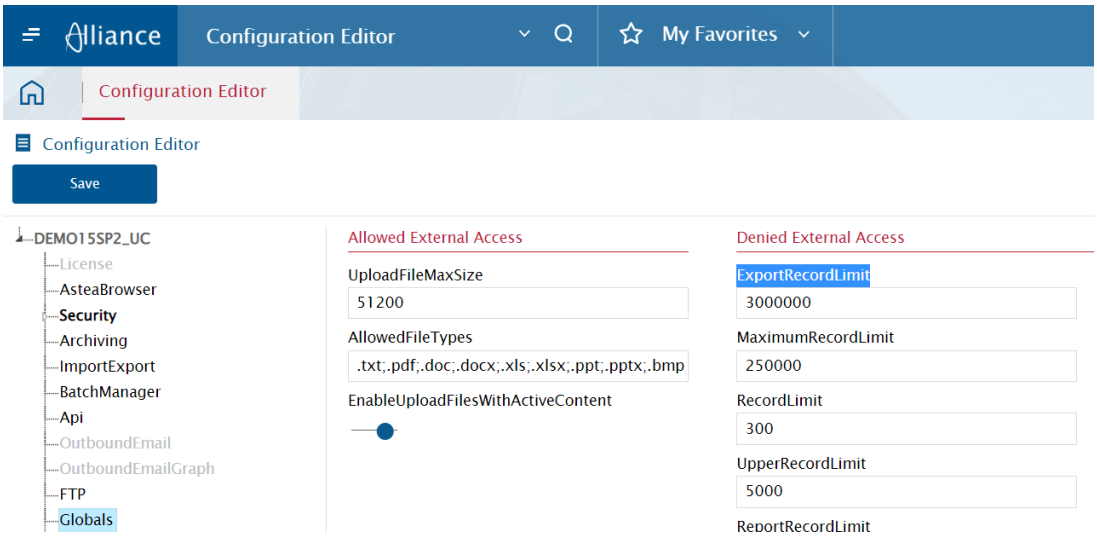


- Before migration, the fields should be entered manually for all nodes.
- They are used later during the migration of varies entities (e.g. person, contacts, service requests etc.).

Set Export Limit

See also section Limitations at the beginning of this document

In the Alliance Configuration Editor, it is possible to modify the maximum amount of data/number of records that can be exported.



- The maximum is 3 million records.
- If some entities contain more records, you will need to export data in chunks of max. 3 million records.

- For this you will need to modify the export templates to limit the amount of data using relevant ‘where’ criteria.

3.2 Exporting Data from Alliance

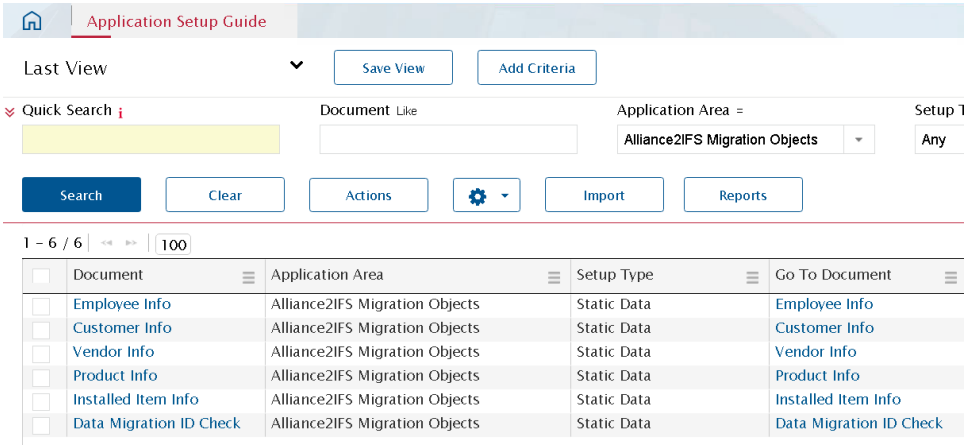
This section describes how to extract data from Alliance.

The first step in the process is to export the relevant data from Alliance to CSV files that can then be loaded into the IFS Data Migration Manager (e.g. Legacy Data).

➔ Export data from Alliance:

1. Go to the module Application Setup Guide.

2. Filter by **Application Area** and select “Alliance2IFS Migration Objects”.



3. Select the Document(s) you want to export by checking the ☑ for each line.

- You can can select multiple records.
- Then click **Actions** -> **Export**. This will download one zip file with all relevant CSV files included for the selected entities.

4. Unzip the zip file to a folder of your choice on your client machine from which you launch IFS Cloud.

- In Alliance there is an export limit of 3 million records. If you need to export more than this, we recommend modifying the standard migration export templates and add a filter (where statement) to export the data in smaller batches into separate files.

IMPORTANT: Some of the exported CSV files will contain empty column(s) or default values that need to be changed to suit your business needs. These can be updated manually using MS Excel before migrating the datta.

5. Continue in IFS Cloud using the Data Migration Manager to load the data, described in the following sections.

3.3 Migrating the Data to IFS Cloud

This section describes the high-level steps to migrate the data into IFS Cloud using the Data Migration Manager and other modules.

NOTE: You must have a good knowledge of the Data Migration Manager to perform these steps and make any modifications that might be required for your business.

➔ **Migrate the data to IFS Cloud:**

1. Navigate to the **Legacy Data** page.
2. Choose your Project ID, Source ID and the Legacy Table. See Order of Migrating Alliance Entities.
3. Click **Load from Client** and choose the relevant CSV file from the extracted Alliance Export files - see 3.2 Exporting Data from Alliance.
4. Click **Next** and then **Load**.
5. After completion click **Load Operations** -> **Lock Loads**.
6. Select/check the current Load and click **Lock Loads**.
7. Go to **Mapping Legacy Tables to Migration Object** and select your project.
8. Click Transfer to **Input Container** > **Transfer all records**.
9. This transfers the loaded legacy data to the input container.
10. Go to **Input Container** and select your project.
11. Click the **Header Options** -> **Transfer to Output** …
12. Select **All Records** and click **OK**. Then select **Validate Meta Data**, **Validate Basic Data** and **Approve Output Records** and click **OK**.
13. Repeat steps 1-6 for all sources and target tables.

14. Next, go to the Output Container and select your project. All data in the output container should be **Validated, Read for Deploy.**

15. Check for errors and fix them!

16. Go to the **Deployment Container**.

17. From Row Filters, select the **Migration Object** and the Target Table Name.

18. Select **Target Environment** and click **Deploy**.

19. From the **Deploy Option** dialog, select **Deploy with Commit** and click **OK**.

20. Then in the **Execution Plan** dialog **OK** again.

21. Check that all data was deployed successfully.

22. For each migrated IFS entity, verify that the records were created as intended, and that all records exist.

3.4 Verify the Migrated Data in IFS Cloud

After completing each migrated entity, you need to verify within IFS Cloud that:

- The number of records migrated matches the source system export
- The data attributes were created correctly
- The data can be used in the business transactions as intended and the numbers (quantities, costs, prices, financial) are as expected

4 Migration Entity Specific Details

The list below specifies additional information for Alliance Entity to be migrated to IFS Cloud. It also includes required steps for each entity, where applicable.

➔ Order of Migrating Alliance Entities

Alliance entities should be migrated to IFS Cloud in the following order:

1. Small Tables (to IFS Basic Data)
2. Employees & Contacts (to IFS Persons)
3. Customers & Vendors (to IFS Customers & Suppliers)
4. Products & Models (to IFS Parts, Models)
5. Installed Items (to IFS Service Objects)
6. Contracts (to IFS Request Contract)
7. Service Orders (to IFS Service Requests)

The below Migration Status Sheet can be used to assist the migration process to IFS Cloud.

It lists the Alliance Export Templates by entity and the order in which the data should be migrated.

In addition, it shows for each Export Template the corresponding IFS Target Table. Date and assignments as well as comments can also be tracked.

Alliance Entity	Export Templates	Export Task Assigned To	Export Date	IFS Tables/Objects Load, Input & Output Container, Deployment	Assigned To	Migr. Date	Current Status	Comments
Small Tables	Alliance2IFS_model Alliance2IFS_model_products Alliance2IFS_Pricing_Rules			SERVICE_MODEL SERVICE_MODEL_PART PRICE_RULE				
Person	Alliance2IFS_person Alliance2IFS_person_address Alliance2IFS_person_communication			PERSON_INFO PERSON_INFO_ADDRESS PERSON_INFO_ADDRESS_TYPE COMM_METHOD FND_USER FND_USER_PROPERTY USER_FINANCE				
Customer & Sites	Alliance2IFS_customer Alliance2IFS_customer_address Alliance2IFS_customer_company_contact Alliance2IFS_customer_phone Alliance2IFS_site_Export Alliance2IFS_site_address_Export			CUSTOMER_INFO CUSTOMER_INFO_ADDRESS CUSTOMER_INFO_ADDRESS_TYPE CUSTOMER_INFO_CONTACT CUST_ORD_CUSTOMER LOCATION LOCATION_PARTY_ADDRESS COM_METHOD				
Vendor	Alliance2IFS_vendor Alliance2IFS_vendor_address Alliance2IFS_vendor_phone Alliance2IFS_vendor_company_contact			SUPPLIER_INFO_GENERAL SUPPLIER_INFO_ADDRESS SUPPLIER_INFO_ADDRESS_TYPE SUPPLIER_INFO_CONTACT COMM_METHOD				
Products & Activities, Expenses, Services, Management Codes	Alliance2IFS_product Alliance2IFS_product_alternates Alliance2IFS_product_inventory Alliance2IFS_model Alliance2IFS_model_products			PART_CATALOG PART_CATALOG_ALTERNATIVE INVENTORY_PART SALES_PART PURCHASE_PART				
Installed Items & Contract Full/Site Coverage OOS	Alliance2IFS_FO_Full_Coverage_Level_1 Alliance2IFS_FO_Full_Coverage_Level_2 Alliance2IFS_FO_Full_Coverage_Level_3 Alliance2IFS_FO_Site_Coverage_Level Alliance2IFS_item_installed Alliance2IFS_item_installed_parties			SERVICE OBJECT - For Full Cov Level 1 SERVICE OBJECT - For Full Cov Level 2 SERVICE OBJECT - For Full Cov Level 3 SERVICE OBJECT - For Site Cov Level SERVICE OBJECT - Installed Items SERVICE OBJECT PPARTIES				
Contracts	Alliance2IFS_Contract Alliance2IFS_Contract_Line Alliance2IFS_Contract_Line_Coverage			SC_SERVICE_CONTRACT (HEADER) PSC_CONTR_PRODUCT (CONTRACT LINES) PSC_PRODUCT_SERVICE_ITEM (SERVICES) PSC_CONTR_PRODUCT_SCOPE (COVERAGE) PSC_CONTR_PRODUCT_PRICE (PRODUC PRICE)				
Service Orders	Alliance2IFS_demand_material Alliance2IFS_demand_expense Alliance2IFS_demand_labor Alliance2IFS_service_order Alliance2IFS_service_order_location_address Alliance2IFS_service_order_scope Alliance2IFS_work_task			SRV_REQUEST SRV_REQUEST_SCOPE REQUEST_ADDRESS JT_TASK MAINT_MATERIAL_REQ_LINE T_TASK_PLAINING JT_TASK_RESOURCE				

4.1 Small Tables

This section provides high-level information on field mapping and deployment of Small Tables.

4.1.1 Entity Mapping

The table below describes which Alliance entities (e.g. Employees and Contacts) and sub-entities (e.g. Address) are matched to which IFS Cloud entities.

NOTE: A one-to-one match does not always exist for mapping DB views or tables - see 5 Field Mapping Details.

Small Tables refer to what is called Basic Data in IFS Cloud. These are pre-requisite setups needed in IFS Cloud before Alliance master data entities can be migrated.

Table 4: Entity Mapping Names – Small Tables

Alliance Entity/Sub-Entity	IFS Cloud Entity/ Sub-Entity	Comment
Model	Model	
Price Rule	Price Rule	Only Alliance ID and description will be migrated to create an empty IFS Price Rule

4.1.2 Limitations

Not applicable.

4.1.3 Field Mapping

High-level mappings are listed in 5.1 Field Mapping: Small Tables.

4.1.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

The load order is not important.

Table 5: Legacy Data Load Details – Small Tables

Alliance (Export File)	IFS Source ID	Legacy Filename
Alliance2IFS_model.csv	SMALLTABLE	Model
Alliance2IFS_Pricing_Rules.csv	SMALLTABLE	PRICE_RULE

4.1.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

Table 6: Deployment Order - Small Tables

Deployment Order	IFS Table Name
1	SERVICE_MODEL
2	PRICE_RULE

4.1.6 Specific Steps

No specific steps are required.

4.2 Employees & Contacts

This section provides high-level information on field mapping and deployment of Employees & Contacts.

4.2.1 Entity Mapping

The table below describes which Alliance entities are matched to which IFS Cloud entities. For example, Employees and Contacts entities and sub-entities such as Address.

NOTE: A one-to-one match does not always exist for mapping DB views or tables - see 5 Field Mapping Details.

4.2.2 Limitations

Data listed here is not part of the migration.

- Alliance Background users.
- Non-Active employees and contacts.

4.2.3 Field Mapping

High-level mappings are listed in 5.2 Field Mapping: Employees & Contacts.

4.2.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

The load order is not important.

Table 7: Legacy Data Load: Employees & Contacts

Alliance (Export File)	IFS Source ID	Legacy File Name
Alliance2IFS_person.csv	PERSON	person
Alliance2IFS_person_address.csv	PERSON	person_address
Alliance2IFS_person_communication.csv	PERSON	Person_communication

4.2.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

Table 8: Deployment Order: Employees & Contacts

Deployment Order	IFS Table Name
1	FND_USER
2	PERSON_INFO
3	PERSON_INFO_ADDRESS
4	PERSON_INFO_ADDRESS_TYPE
5	COMM_METHOD
6	FND_USER_PROPERTY
7	USER_FINANCE

4.2.6 Specific Steps

No specific steps are required.

4.3 Customers & Vendors

This section provides high-level information on field mapping and deployment of Customers & Vendors.

4.3.1 Entity Mapping

The table below describes which Alliance entities are matched to which IFS Cloud entities. For example, Customers and Vendors and sub-entities such as Address.

NOTE: A one-to-one match does not always exist for mapping DB views or tables - see 5 Field Mapping Details.

In Alliance we differentiate between the billing entity and the location of the installed item/equipment in the following way.

Table 9: Customer and Site Entities

Entity in Alliance	Description
Customer	The billing entity. Customers must have one address but may have many. A customer may be a site by itself. May have child customers and child sites. There is no limitation in the number of levels.
Site	The location where the equipment / installed item is located. Sites must have one address, but may have many, Each address has an address type. The default if 'BWork'. A site cannot have a sub-site.

NOTE

1) Besides the hierarchy, relations can be defined between sites and other customers (e.g. Customer A is billing entity for site X). Such relationships are outside the scope of migration to the IFS Cloud.

2) Custom address types can be added, but they are not part of the migration scope.

Additional information about mapping Customers in IFS Cloud:

- In IFS Cloud, a customer is not bound to a company (e.g. service organization).
- A customer can be associated with one or more locations. Locations are the place where the service object (equipment) is installed.
- There is no option in IFS to define a multi-level hierarchy between customers and/or locations. The structure is two level only e.g. Customer -> Locations
- However, you can associate a service object with multiple customers via the party cross reference tab.
- In IFS, customers can have multiple addresses, but locations can have only one.
- Customer addresses can be associated with multiple address types. By default, the first address will have all address types.

The table below shows how Alliance entities and sub-entities are mapped to IFS entities.

Table 10: Alliance and IFS Entities – Customers & Vendors

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Customer (Customer Only)	Customer	Customer ID (IFS) = IFS ID on customer record (Alliance)

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Customer (Customer and Site)	Customer, Location	Location ID (IFS) = Customer ID (IFS) = IFS ID on customer record (Alliance) (Location type: Location) not connected to customer
Customer (Site Only)	Location	Location ID (IFS) = IFS ID on site record (Alliance) (Location type: Location) not connected to customer
Vendor	Supplier	Supplier ID (IFS) = IFS ID on vendor record (Alliance)
Address	Address	Address Name (IFS) = Address ID+'_' + Address Type ***** (Alliance)

***** Addresses with type 'Business' (Alliance) – In IFS Cloud will automatically get all the default address types.

Addresses with type 'Ship To' (Alliance) – In IFS Cloud will get the address type "Delivery".

Addresses with type 'Bill To' (Alliance) – In IFS Cloud will get the address type "Pay".

4.3.2 Limitations

Data listed here is not part of the migration.

- Inactive customers
- Inactive vendors
- Customer Relations
- Customer Hierarchies are not part of the migration scope. However in order to implement Alliance Full Coverage and Site Coverage type of contracts, 'virtual' service objects are created that represent the customer hierarchy up to 3 levels (see chapter Installed Items for details).
- Address type other than: 'Business', 'Ship To', 'Bill To' are not part of the migration scope.

4.3.3 Field Mapping

High-level mappings are listed in 5.3 Field Mapping: Customers & Vendors.

4.3.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

The load order is not important.

Table 11: Legacy Data Load: Customers & Vendors

Alliance (Export File)	IFS Source ID	Legacy Filename
Alliance2IFS_customer.csv	CUSTOMER	Customer
Alliance2IFS_customer_addres.csv	CUSTOMER	Customer_Address
Alliance2IFS_customer_company_contac.csv	CUSTOMER	Customer_Company_Contacts
Alliance2IFS_customer_phone.csv	CUSTOMER	Customer_Phones
Alliance2IFS_site.csv	CUSTOMER	Site
Alliance2IFS_site_address.csv	CUSTOMER	Site_Address
Alliance2IFS_vendor.csv	SUPPLIER	Vendor
Alliance2IFS_vendor_address.csv	SUPPLIER	Vendor_Address
Alliance2IFS_vendor_company_contact.csv	SUPPLIER	Vendor_Company_Contacts
Alliance2IFS_vendor_phone.csv	SUPPLIER	Vendor_Phones

4.3.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

Table 12: Deployment Order – Customer & Vendor

Table	Deployment Order	IFS Table Name
Customer	1	CUSTOMER_INFO
	2	CUSTOMER_INFO_ADDRESS
	3	CUSTOMER_INFO_ADDRESS_TYPE
	4	CUSTOMER_INFO_CONTACT
	5	CUST_ORD_CUSTOMER
	6	LOCATION
	7	LOCATION_PARTY_ADDRESS
	8	COMM_METHOD
Vendor	1	SUPPLIER_INFO_GENERAL
	2	SUPPLIER_INFO_ADDRESS

Table	Deployment Order	IFS Table Name
	3	SUPPLIER_INFO_ADDRESS_TYPE
	4	SUPPLIER_INFO_CONTACT
	5	COMM_METHOD

4.3.6 Specific Steps

There are some specific steps in Alliance for this part of the migration:

- In IFS the fields CHANGED_BY and CREATED_BY are mandatory.
- If these columns do not have a value in the Alliance2IFS_customer_company_contact_Export CSV file, they need to be populated manually with an IFS User ID,
- If these columns do not have a value in the Alliance2IFS_vendor_company_contact_Export CSV file, they need to be populated manually with an IFS User ID,

4.4 Models, Products, Activity, Management and Expense Codes

This section provides high-level information on field mapping and deployment of Models, Products, and Activity, Management and Expense codes.

4.4.1 Entity Mapping

The table below describes which Alliance entities are matched to which IFS Cloud entities. For example, Products and Modules and sub-entities such as Alternates.

NOTE: A one-to-one match does not always exist for mapping DB views or tables - see 5 Field Mapping Details.

Table 13: Alliance & IFS Specifics: Products

Entity	Description	IFS Entity
Product (Alliance)	Inventory	Will be created as an IFS Inventory Part, a Sales Part and a Purchase Part. Must be connected to a site in IFS.

Entity	Description	IFS Entity
	Non-Inventory	Will be created as an IFS Non-Inventory Sales Part. Must be connected to a site in IFS.
	Products can be serialized or non-serialized	
	Alliance Products are global and not connected to nodes	
	Alliance products can have alternate parts.	
Model (Alliance)	The Alliance Model is a non-mandatory attribute of a product	
Part (IFS)	Each part is defined first as a Master Part. Additional attributes can be defined in various part extension entities (e.g., Inventory Part, Sales Part)..	Sales parts must be connected to a site in IFS.
Model (IFS)	Can be serial or non-serial	Connected to a part via the Service Attribute for Part entity (Model for Part in version 23R1).
Product (IFS)	Can have alternate parts	
Activity codes, Management Activities, Expense Codes (Alliance)		Non-Inventory Sales Part

Table 14: Entity Mapping: Products

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Inventory Product	Master Part & Inventory Part & Sales Part & Purchas Part	
Non-Inventory Product	Master Part & Non-Inventory Sales Part	
Alternate Products	Alternate Parts	
Model (& information from Installed Items)	Model & Service Attribute for Part	The Service Attribute for Part entity in IFS connects the Model to the specific Part.
Activity Code	Master Part & Non-Inventory Sales Part	

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Management Activity	Master Part & Non-Inventory Sales Part	
Expense Code	Master Part & Non-Inventory Sales Part	
Service Product	Master Part & Non-Inventory Sales Part	

4.4.2 Limitations

Data listed here is not part of the migration.

- Metered products
- Obsolete products
- Prices, cost, and taxes
- Only Alliance Models that are used on Products that have Installed Items, are being migrated to Models in IFS Cloud.
- 'Is Astea' activity codes
- 'Is Astea' expense codes

4.4.3 Field Mapping

High-level mappings are listed in 5.4 Field Mapping: Models, Products, Activity, Management & Expense Codes.

4.4.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

The order is not important.

Table 15: Legacy Load: Models, Products

Alliance (Export File)	IFS Source ID	Legacy File Name
Alliance2IFS_product.csv	Product	product
Alliance2IFS_product_alternates.csv	Product	product_alternative
Alliance2IFS_product_inventory.csv	Product	product_inventory
Alliance2IFS_model_products.csv	Product	Model_products

4.4.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

Table 16: Deployment Order: Products

Deployment Order	IFS Table Name
1	PART_CATALOG
2	PART_CATALOG_ALTERNATIVE
3	INVENTORY_PART
4	SALES_PART
5	PURCHASE_PART
6	SERVICE_MODEL_PART

4.4.6 Specific Steps

There are some specific steps in Alliance for this part of the migration:

- Inventory Parts, Sales Part and Non-Inventory Sales Part need to be imported for each site they are used by in IFS Cloud.
- Because an Alliance a Product is not associated to a node, the data in the exported CSV needs to be manually entered. The field in the CSV is named “CONTRACT”.
- For each site the Product/Part will be used, a separate Alliance2IFS_product.csv is needed with the specific IFS site id in the field contract.
- That means that if you have 1000 Products and 10 sites in IFS, 10 separate CSV files need to be created and imported.

4.5 Installed Items

This section provides high-level information on field mapping and deployment of Installed Items.

4.5.1 Entity Mapping

The table below describes which Alliance entities are matched to which IFS Cloud entities for Installed Items.

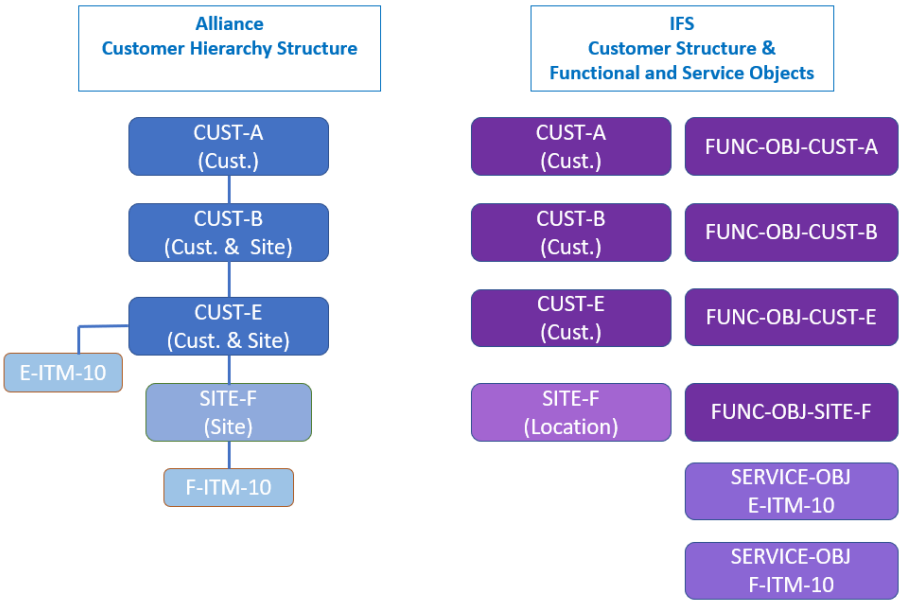
NOTE: A one-to-one match does not always exist for mapping DB views or tables - see 5 Field Mapping Details.

Table 17: Entity Mapping: Installed Items

Entity	Description	IFS Entity
Installed Item	Serial	Serial Service Object Migrated as a Service Object and as a Serial Object
	Non-Serial	Non-Serial Service Object Migrated as a Service Object and as a Functional Object.
Site on Installed Item		Parties In IFS a Party entry is needed to link the service object to a customer.
Full Coverage Contract		Service Object (Functional Object) The Alliance Entity “Full Coverage Contract” does not really exist, but in order to represent a full coverage contract in IFS, a Functional Object has to be created.
Site Coverage Object of Service		The Alliance Entity “Site Coverage Contract” does not really exist, but in IFS order to represent a Site coverage object of service, a Functional Object has to be created.

IMPORTANT: To implement Alliance Full Coverage Contracts and Site Coverage Object of services, ‘virtual’ service objects (Functional Objects) are created that represent the customer hierarchy up to 3 levels (see 4.6 Contracts).

Figure 2: Customer Hierarchy



4.5.2 Limitations

Data listed here is not part of the migration:

- Installed Items that are not in status “Installed” or “Repair”.
- Only 3 levels of a customer hierarchy are supported. This can be manually extended if needed.

4.5.3 Field Mapping

High-level mappings are listed in 5.5 Field Mapping: Installed Items.

4.5.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

In this specific case the order of migrating the data from the input container to the output container and the deployment is crucial. This is because there are dependencies between the different legacy data objects.

This is the sequence:

- You first of all need to transfer and deploy FO_Full_Coverage_Level_1,
- then FO_Full_Coverage_Level_2,
- then FO_Full_Coverage_Level_3,
- then FO_Site_Coverage_Level, and
- only then transfer and deploy installed items.

Table 18: Legacy Load: Installed Items

Order	Alliance (Export File)	IFS Source ID	Legacy File Name
1	Alliance2IFS_FO_Full_Coverage_Level_1.csv	ITEM_INST	item_installed
2	Alliance2IFS_FO_Full_Coverage_Level_2.csv	ITEM_INST	item_installed
3	Alliance2IFS_FO_Full_Coverage_Level_3.csv	ITEM_INST	item_installed
4	Alliance2IFS_FO_Site_Coverage_Level	ITEM_INST	item_installed
5	Alliance2IFS_item_installed.csv	ITEM_INST	item_installed
	Alliance2IFS_item_installed_parties.csv	ITEM_INST	item_installed_parties

4.5.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

The order is important.

Table 19: Deployment Order: Installed Items

Deployment Order	IFS Table Name
1	SERVICE OBJECT - For Full Cov Level 1
2	SERVICE OBJECT - For Full Cov Level 2
3	SERVICE OBJECT - For Full Cov Level 3
4	SERVICE OBJECT - For Site Cov Level
5	SERVICE OBJECT - Installed Items
6	SERVICE OBJECT PPARTIES

4.5.6 Specific Steps

No specific steps are required.

4.6 Contracts

This section provides high-level information on field mapping and deployment of Contracts.

4.6.1 Entity Mapping

There are a number of differences between Alliance and IFS Contract entities with implications for data migration. These differences are summarized in two tables.

Table 20: Alliance Contract Specifics

Entity	Description
Contract: 2 types Full Coverage Line (Object of Service)	Contract price can be based on lines or a fixed value Can cover UM, PM or both types of work requests Billing is done at the header level
Object of Service (OOS)	Supported types: Item: A specific installed item for a customer. Site: Covers all installed items for a specific site for a customer. Product: Covers all installed items for a specific product for a customer. Memo: A line for billing purpose only.
	Each OOS can have its own: Price Rule: In Alliance we differentiate between PM and UM Pricing rules. Service Level Coverage: The days and times service will be provided to the customer). Note: This is not to be confused with the IFS term Coverage. Start and End date: Note: The same item can appear as several objects of service within the same contract, but with different start and end dates. Overlapping periods are not supported within the same contract.

Table 21: IFS Contract Specifics

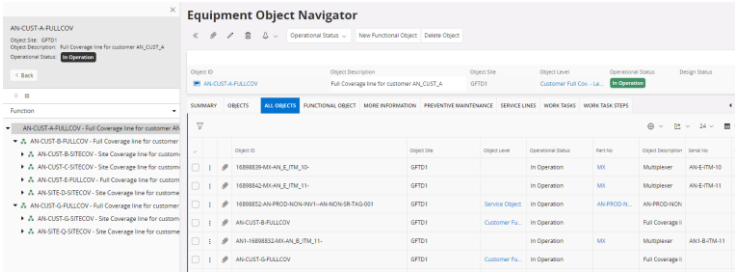
Entity	Description
Request Contract – one type only	No out-of-the-box solution for Full Coverage contracts. A Request Contract can have multiple lines
	These items are defined at the Contract Line level: Contract Billing Schedule Equipment Coverage Price Rules Start and End dates Service Catalog

Entity	Description
	Each line can cover one or more items of equipment (Service, Serial or Functional Object)
	No out-of-the-box solution for site coverage or product coverage. Note: in IFS Cloud 23R1 there is a support for Model coverage).
	The same equipment can be covered under multiple request contract lines.
	There is no equivalent for UM and PM coverage.

Migration Approach

To accommodate the differences in structure and functionality, the migration approach will incorporate the elements listed in the table below.

Table 22: Migration Approach - Contracts

Alliance Item	Description
Full Coverage Contracts	Will be migrated as a Functional Object “Full Coverage” linked to the specific customer. This virtual functional object will be added under the Request contract line -> Coverage. NOTE: The virtual functional object “Full Coverage” has a structure. It contains all virtual “Site Coverage” functional objects and service objects. 
Service Object Lines	If the lines have the same Alliance Coverage, SLA, UM/PM Pricing Rules and From/To Dates, they will be grouped and migrated to one IFS Request contract line with all Alliance Service Object as covered service/functional objects.
Service Object Lines of type Site Coverage	The lines will be migrated as a functional object “Site Coverage” linked to the specific customer. This virtual functional object will be added under Request contract line -> Coverage. NOTE: The virtual Functional Object “Site Coverage” has a structure. It contains all functional objects and service objects that are linked to the site.
Service Object Lines of type Memo	Migrated as a contract line.

Alliance Item	Description
Service Object Line that covers both UM and PM	Two request contract lines that cover the same service object will be created.

IFS Request Contract Line Description

The IFS Request Contract Line description will use this convention:

[UM/PM] - [SLA] - [Site/Item]: [Line Descr]

[UM/PM] - [SLA] - [Multiple Objects]

[UM/PM] - Full Coverage

[MEMO] - [Site]: [Site ID] - [Line Comment]

Examples:

UM - Time to Site 4h - Item: Item Description

UM - Time to Site 4h - Site: Site Description

UM - Time to Site 4h - Multiple Objects

Memo - Site: AN-Site-D - Line Comment

UM - Full Coverage

Entity Mapping

The table below describes which Alliance entities are matched to which IFS Cloud entities for Contracts.

NOTE: A one-to-one match does not always exist for mapping DB views or tables - see 5 Field Mapping Details.

Table 23: Entity Mapping: Contracts

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Customer Contract	Request Contract	
Customer Contract -> Service Object – Type Item	Request Contract -> Contract Line -> Coverage	
Customer Contract -> Service Object - Site	Request Contract -> Contract Line -> Coverage	A virtual functional object is used to represent an Alliance site (see 4.5 Installed Items).
“Full Coverage Contract” type customer contract	Request Contract -> Contract Line -> Coverage	A virtual functional object is used to represent an Alliance Customer (see4.5 Installed Items).
Contract Billing Schedule	Request Contract -> Contract Line -> Periodic Prices	

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Pricing Rule for UM/PM	Price Rule	Only the Alliance Price Rule header information (ID, Description) are migrated (see 0 Small Tables).

4.6.2 Limitations

Data listed here is not part of the migration:

- Expired and cancelled customer contracts
- T&M Contracts and Contract Templates and Contract Quotation
- These Alliance customer contract data elements are not part of the migration:

- Service Objects of type “Product”
- Meter contract & reading data
- PM schedules & dates
- Revenue Recognition
- Contract/contract line exceptions
- Drawdown data
- Contract options

NOTE: Customer contacts that already were fully or partially invoiced will be migrated to IFS Cloud with a comment in the Note: “Partially Invoiced”.

4.6.3 Field Mapping

High-level mappings are listed in 5.6 Field Mapping: Contracts.

4.6.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

The order is not important.

Table 24: Legacy Load: Contracts

Alliance (Export File)	IFS Source ID	Legacy File Name
Alliance2IFS_contract.csv	CONTRACT	contract
Alliance2IFS_contract_line.csv	CONTRACT	Contract_line

Alliance (Export File)	IFS Source ID	Legacy File Name
Alliance2IFS_contract_line_coverage.csv	CONTRACT	contract_line_coverage

4.6.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

The order is important.

Table 25:Deployment Order: Contracts

Deployment Order	IFS Table Name
1	SC_SERVICE_CONTRACT
2	PSC_CONTR_PRODUCT
3	PSC_PRODUCT_SERVICE_ITEM
4	PSC_CONTR_PRODUCT_SCOPE
5	PSC_CONTR_PRODUCT_PRICE

4.6.6 Specific Steps

No specific steps are required.

4.7 Service Request

This section provides high-level information on field mapping and deployment of Service Requests.

4.7.1 Entity Mapping

There are a number of differences between Alliance and IFS Service Requests with implications for data migration. These differences are summarized in two tables.

Table 26: Alliance Service Request / Order Specifics

Entity	Description
Service Request / Order	Defines the customer, site, service organization.
	Can cover one or multiple installed items or a product or a service.
	Can have multiple service orders that share the same Request ID but which have a different line number.
	Can be of type UM or PM.
	Can be with or without a contract/warranty.
	Can have various statuses (e.g., Open to Completed).
	A service order with different demands can have different statuses: Activity Expense Material Service Management

Table 27: IFS Service Request Specifics

Entity	Description
Service Request	A Service Request defines the customer, location, service object (equipment), request contract, Service Level and service organization. By default, a new Service Request scope is created for the service object (not mandatory).
	Can have different scopes for different service objects, contracts and service catalogs.
	When is a scope is released the work task is created automatically.
	A scope can have multiple work tasks that can be defined manually or based on a Standard Task.

Entity	Description
	A work task comprises: Steps (not part of the migration) Planning Resources Assignments (not part of the migration) Material Returns (not part of the migration) Sign of Requirements (not part of the migration) Times Reports (not part of the migration) Costs (not part of the migration) Sales (not part of the migration)

Migration Approach

To accommodate the differences in structure and functionality, the migration approach will incorporate the elements listed in the table below.

Table 28: Migration Approach - Alliance Service Requests

Alliance Item	Description
Service Order without an installed item	Migrated to an IFS Service Request with one scope (without service object) and one work task.
Only has a product or service	The Product or Service information will not be transferred to IFS. An IFS Service Request with one scope (without a Service Object) and one work task will be created.
Has one installed item	Migrated to an IFS Service Request with one scope (without service object) and one work task.
SO Activities	Migrated to IFS Cloud as a Resource on the work task.
Expenses, Services, Non-Inventory Material Demands	Migrated to IFS Cloud as Planning records on the work task.
Alliance Material (Inventory) Demands	Migrated to IFS Cloud as Material on the work task.
Has multiple Installed Items	Migrated to one IFS Service Request with multiple request scopes (one per item/service object) and one work task for each scope (one per item/service object).
Multiple Service Orders that share the same Request ID but with different line numbers	Migrated to multiple IFS Service Requests.
UM Service Request	Will be created with a default service catalog ALLIANCEUMSERVICECATALOG
PM Request	Will be created with a default service catalog ALLIANCEPMSERVICECATALOG.

Alliance Item	Description
Customer Contract information on Service Orders	Migrated to Request Contracts on Service Requests/Scopes in IFS.
Service Order without an item but a Full Coverage contract	Migrated to a Service Request with the Request Contract and a service object that represents the Full Coverage Contract (see Contracts/Installed Items).
Service Order without an item but where the contract covers all items at the order site	Migrated to a Service Request with the Request Contract and a service object that represent the Site Coverage Object of service (see Contracts/Installed Items).

The table below describes which Alliance entities are matched to which IFS Cloud entities. For example, Service Request and sub-entities such as Demands.

NOTE: A one-to-one match does not always exist for mapping DB views r tables - see 5 Field Mapping Details.

Table 29: Entity Mapping: Service Request

Alliance Entity/Sub-Entity	IFS Cloud Entity/Sub-Entity	Comment
Service Order Header	Service Request Header	
Item(s)	Service Request Scope	A separate Scope will be created for each installed item. The scope will include a separate Work Task.
Activity	Resource	Activity name will be shown in the Remark field.
Expenses, Services, Non-Inventory Material	Planning	
Material (Inventory)	Material	

4.7.2 Limitations

Data listed here is not part of the migration:

- Vendor/supplier information (not supported in the current version of IFS Cloud).
- Alliance Service Orders with an Order Status > SA Assigned.

- Alliance Service Orders with a Material status > 200.
- Warranty information.

NOTE: External Alliance Service Orders will be migrated.

4.7.3 Field Mapping

High-level mappings are listed in 5.7 Field Mapping: Service Request.

4.7.4 Legacy Data Load Details

The table details the connection between CSV files exported from Alliance and the IFS Source ID and legacy filenames.

The order is not important.

Table 30:Legacy Load: Service Request

Alliance (Export File)	IFS Source ID	Legacy File Name
Alliance2IFS_service_order.csv	REQUEST	Service_Request
Alliance2IFS_service_order_scope.csv	REQUEST	Service_Scope
Alliance2IFS_service_order_location_address.csv	REQUEST	Service_Request_Location
Alliance2IFS_work_task.csv	REQUEST	Work_Task
Alliance2IFS_demand_labor.csv	REQUEST	Resources
Alliance2IFS_demand_expense.csv	REQUEST	Planning
Alliance2IFS_demand_material.csv	REQUEST	Materials

4.7.5 Deployment Order

The correct order for deploying IFS table data from the output container to IFS Cloud is shown in the table below.

The order is important.

Table 31: Deployment Order: Service Request

Deployment Order	IFS Table Name
1	SRV_REQUEST
2	SRV_REQUEST_SCOPE
3	REQUEST_ADDRESS
4	JT_TASK
5	MAINT_MATERIAL_REQ_LINE

Deployment Order	IFS Table Name
6	JT_TASK_PLAINING
7	JT_TASK_RESOURCE
8	SRV_REQUEST *

NOTE: To change the status of Service Request to status ‘Release’, you need to deploy table SRV_REQUEST a second time.

4.7.6 Specific Steps

No specific steps are required.

5 Field Mapping Details

This section refers back to the different sub-sections of 4 Migration Entity Specific Details.

IMPORTANT: Some Alliance field values require transformation. This is because certain characters are not allowed for key values in IFS, for example _, -.

Additionally, key values in IFS Cloud must be uppercase.

In other cases, a case statement is used to determine the correct value, or the value is calculated based on other fields.

For more information, view the underlying SQL of the **Alliance Export Template** and also the mapping in IFS.

5.1 Field Mapping: Small Tables

This section provides high-level field mapping for:

- Small Tables

Table 32: Small Tables

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Model	model.model_id		Model ID	MODEL_ID
Description	model.descr		Description	DESCRIPTION

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
		1	Revision	REVISION
N/A	goods.is_serialized	Value transformed	Serialized	IS_SERIALIZED_DB
			Created Date	CREATED_DATE
PM Price\UM Price	ccontl.pm_charge_rule\ccontl.um_charge_rule		Rule ID	PRICE_RULE_ID
Description	prule.descr		Description	PRICE_RULE_DESCRIPTION

5.2 Field Mapping: Employees & Contacts

This section provides high-level field mapping for:

- Person Data
- Address and Address Type
- Communication

Table 33: Field Mapping: Person Data

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
IFS ID	person.cst_ifs_id		Person	PERSON_ID
Employee ID	person.person_id		Alternative Name (in v23R1) Original Record ID (in V22R2)	ALTERATIVE CFS_ORIGN_ID
Title	person.ptitle		Title	TITLE
First Name	person.first_name		First Name	FIRST_NAME
Middle Name	person.middle_name		Middle Name	MIDDLE_NAME
Last Name	person.last_name		Last Name	LAST_NAME
Foreign Name	person.foreign_name			BIRTH_NAME
Search Name	person.search_name		Full Name	NAME
Name Prefix	person.name_prefix			PREFIX
Language	ap_lang.ap_panorama_lang	Value transformed		DEFAULT_LANGUAGE_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Employee (Active/Not Active)	person.is_active			INACTIVE
Contact ID	multiple fields	Value transformed	Customer Contact	CUSTOMER_CONTACT_DB
Vendor ID	multiple fields	Value transformed	Supplier Contact	SUPPLIER_CONTACT_DB
Country	address.country_id			COUNTRY_DB
Start Employment	employee.start_employment		Creation Date	CREATION_DATE
E-Mail	person.email_id			EMAIL_ID
	N/A	need to be populated manually in Excel		COMPANY
	multiple fields	Value transformed		ADDRESS_ID
	N/A	FALSE		CUSTOMER_CONTACT

Table 34: Field Mapping: Address and Address Type

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	address_xref.table_key		Customer Id	CF$_ORIG_RECORD_ID
Address id	address_xref.address_id		Address id	ADDRESS_ID
Address	address.address_1+address.address_2		Address	ADDRESS
Primary Contact	company.contact_person_id		Primary Contact	PRIMARY_CONTACT

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Attention	address.attention		Secondary Contact	SECONDARY_CONTACT
Address 1	address.address_1		Address 1	ADDRESS_1
N/A	address.address_2		Address 2	ADDRESS_2
N/A	address.address_3		Address 3	ADDRESS_3
Zip	address.zip		Zip	ZIP_CODE
City	address.city		City	CITY
State	address.state_prov_id		State	STATE
Country	address.country_id		Country	COUNTRY_DB
N/A	address.address_name		Name	NAME
Address Type Id	address_xref.address_type_id	Value transformed	Address Type	ADDRESS_TYPE_CODE _DB
Primary	address_xref.is_primary	Value transformed	Default Address	DEF_ADDRESS
ifs id	cust.cst_ifs_id		Customer Id	CUSTOMER_ID

Table 35: Field Mapping: Communication

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Person ID	person.cst_ifs_id		Person Id	CF$_ORIG_RECORD_ID
Email	person.email_id, person.email2		Value	VALUE
Phone	phone_xref.phone_id		Value	VALUE

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	E_MAIL', phone_xref.phone_type_id			METHOD_ID_DB

5.3 Field Mapping: Customers & Vendors

This section provides high-level field mapping for:

- Customer
- Address + Address Type
- Contacts
- Communication
- Site – Location
- Site Address – Location Address
- Supplier – Vendor
- Supplier - Vendor Address + Address Type
- Contacts
- Communication

Table 36: Field Mapping: Customer Data

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	cust.company_id		Original Record Id	CF$_ORIG_RECORD_ID
Country	address.country_id		Country	COUNTRY_DB
Name	company.descr		Name	NAME
Creation Date	company.creation_datetime		Creation Date	CREATION_DATE
Language	company.company_attr_id	Value transformed	Language	LANGUAGE_DB
IFS ID	cust.cst_ifs_id		Customer Id	CUSTOMER_ID

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Currency	company.currency_id		Currency	CURRENCY_CODE

Table 37: Field Mapping: Address and Address Types

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	address_xref.table_key		Customer Id	CF$_ORIG_RECORD_ID
N/A	address_xref.address_id		Address id	ADDRESS_ID
N/A	address.address_1+address.address_2		Address	ADDRESS
Primary Contact	company.contact_person_id		Primary Contact	PRIMARY_CONTACT
Attention	address.attention		Secondary Contact	SECONDARY_CONTACT
Address	address.address_1		Address 1	ADDRESS_1
N/A	address.address_2		Address 2	ADDRESS_2
N/A	address.address_3		Address 3	ADDRESS_3
Zip	address.zip		Zip	ZIP_CODE
City	address.city		City	CITY
State	address.state_prov_id		State	STATE
Country	address.country_id		Country	COUNTRY_DB
N/A	address.address_name		Name	NAME
Address Type Id	address_xref.address_type_id	Value transformed	Address Type	ADDRESS_TYPE_CODE_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Primary	address_xref.is_primary	Value transformed	Default Address	DEF_ADDRESS
ifs id	cust.cst_ifs_id		Customer Id	CUSTOMER_ID

Table 38: Field Mapping: Contacts

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	contact_xref.table_key		Customer Id	CF$_ORIG_RECORD_ID
Contact Id	contact_xref.person_id		Person Id	PERSON_ID
Primary	contact_xref.is_primary_company	Value transformed	Customer Primary	CUSTOMER_PRIMARY
Last Changed Date	person.last_change_date	Value transformed	Change Date	CHANGED
Last Changed Date	person.last_change_date	Value transformed	Created Date	CREATED
N/A	company.address_id + '_' + address_xref.address_type_id	Value transformed	Customer Address	CUSTOMER_ADDRESS
N/A	person.address_id + '_' + personAddressXref.address_type_id	Value transformed	Contact Address	CONTACT_ADDRESS
Changed By	contact_xref.last_change_by	Value transformed	Changed By	CHANGED_BY
Changed By	contact_xref.last_change_by	Value transformed	Created By	CREATED_BY
IFS ID	cust.cst_ifs_id		Customer Id	CUSTOMER_ID

Table 39: Field Mapping - Communication

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Company Id	phone_xref.table_key ,company.company_id		Company Id	CF$_ORIG_RECORD_ID
Phone, Email	phone_xref.phone_id ,company.email_id		Value	VALUE
N/A	phone_xref.descr , 'EMAIL'		Description	DESCRIPTION
N/A	phone_xref.is_primary	FALSE		METHHOD_DEFAULT
N/A	phone_xref.phone_type_id , 'E_MAIL'			METHOD_ID_DB
Company Id	cust.cst_ifs_id		Company Id	IDENTITY

Table 40: Field Mapping: Site - Location

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	cust.cst_ifs_id		Location Id	LOCATION_ID
Name	company.descr		Location Description	NAME
		CUSTOMER'	Location Category	LOCATION_CATEGORY _DB

Table 41: Field Mapping: Site Address - Location Address

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	cust.cst_ifs_id		Location Id	LOCATION_ID

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Customer Id	cust.cst_ifs_id		Name	IDENTITY
N/A	address_xref.address_id + '_' + address_xref.address_type_id	calculated	Address Id	ADDRESS_ID
		TRUE'	Visit Address	VISIT_ADDRESS
		FALSE'	Delivary Address	DELIVERY_ADDRESS
		TRUE'	Location Specific Address	LOCATION_SPECIFIC_ADDRESS
		TRUE'	Primary Address	PRIMARY_ADDRESS
		TRUE'	Position Address	POSITION_ADDRESS
Address 1	address.address_1		Address 1	ADDRESS_1
N/A	address.address_2		Address 2	ADDRESS_2
N/A	address.address_3		Address 3	ADDRESS_3
Zip	address.zip		Zip	ZIP_CODE
City	address.city		City	CITY
Astate	address.state_prov_id		Astate	STATE
Country	address.country_id		Country	COUNTRY_CODE

Table 42: Field Mapping: Supplier - Vendor

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Vendor Id	cust.company_id		Original Record Id	CF$_ORIG_RECORD_ID

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Country	address.country_id		Country	COUNTRY_DB
Name	company.descr		Name	NAME
Creation Date	company.creation_datetime		Creation Date	CREATION_DATE
Language	company.company_attr_id	Value transformed	Language	LANGUAGE_DB
IFS ID	cust.cst_ifs_id		Supplier Id	SUPPLIER_ID

Table 43: Field Mapping: Supplier - Vendor Address and Address Type

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Vendor Id	address_xref.table_key		Supplier Id	CF$_ORIG_RECORD_ID
Address id	address_xref.address_id		Address id	ADDRESS_ID
N/A	address.address_1+address.address_2		Address	ADDRESS
Primary Contact	company.contact_person_id		Primary Contact	PRIMARY_CONTACT
Attention	address.attention		Secondary Contact	SECONDARY_CONTACT
Address	address.address_1		Address 1	ADDRESS_1
N/A	address.address_2		Address 2	ADDRESS_2
N/A	address.address_3		Address 3	ADDRESS_3
Zip	address.zip		Zip	ZIP_CODE
City	address.city		City	CITY
State	address.state_prov_id		State	STATE
Country	address.country_id		Country	COUNTRY_DB
N/A	address.address_name		Name	NAME
Address Type Id	address_xref.address_type_id	Value transformed	Address Type	ADDRESS_TYPE_CODE_DB
Primary	address_xref.is_primary	Value transformed	Default Address	DEF_ADDRESS
IFS ID	cust.cst_ifs_id		Supplier Id	SUPPLIER_ID

Table 44: Field Mapping: Contacts

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Vendor Id	contact_xref.table_key		Supplier Id	CF$_ORIG_RECORD_ID
Contact Id	contact_xref.person_id		Person Id	PERSON_ID
Primary	contact_xref.is_primary_company	Value transformed	Supplier Primary	SUPPLIER_PRIMARY
Last Changed Date	person.last_change_date	Value transformed	Change Date	CHANGED
Last Changed Date	person.last_change_date	Value transformed	Created Date	CREATED
N/A	company.address_id + '_' + address_xref.address_type_id	Value transformed	Supplier Address	SUPPLIER_ADDRESS
N/A	person.address_id+ '_' + personAddressXref.address_type_id	Value transformed	Contact Address	CONTACT_ADDRESS
Changed By	contact_xref.last_change_by	Value transformed	Changed By	CHANGED_BY
Changed By	contact_xref.last_change_by	Value transformed	Created By	CREATED_BY
Ifs Id	cust.cst_ifs_id		Supplier Id	SUPPLIER_ID

Table 45: Field Mapping - Communication

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Vendor Id	phone_xref.table_key ,company.company_id		Supplier Id	CF$_ORIG_RECORD_ID
Phone, Email	phone_xref.phone_id ,company.email_id		Value	VALUE
N/A	phone_xref.descr , 'EMAIL'		Description	DESCRIPTION

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	phone_xref.is_primary	FALSE		METHHOD_DEFAULT
IFS ID	cust.cst_ifs_i			IDENTITY

5.4 Field Mapping: Models, Products, Activity, Management & Expense Codes

This section provides high-level field mapping for:

- Model
- Service Attributes for a Part
- Master Part
- Purchase Part
- Inventory Part
- Sales Part
- Part Alternates

Table 46: Field Mapping: Model

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Model	model.model_id		Model ID	MODEL_ID
Description	model.descr		Description	DESCRIPTION

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		1	Revision	REVISION
N/A	goods.is_serialized	Value transformed	Serialized	IS_SERIALIZED_DB
			Created Date	CREATED_DATE

Table 47: Field Mapping: Model

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
IFS Product ID	item.cst_ifs_id		Part No	PART_NO
Model	model.model_id		Model ID	MODEL_ID

Table 48: Field Mapping: Master Part

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Product ID / Activity ID / Expense ID	bpart.bpart_id		Original Record Id	CF$_ORIG_RECORD_ID
IFS ID	bpart.cst_ifs_id		Part No	PART_NO
Description	bpart.descr		Description	DESCRIPTION
		0	Standard Name	STD_NAME_ID
Stock UOM	goods.stock_uom_id	For Activity and Expense Code the unit codes is PCS	Unit Code	UNIT_CODE

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		NOT LOT TRACKING	Lot/Batch Tracking	LOT_TRACKING_CODE_DB
		MANUAL	Serial Rule	SERIAL_RULE_DB
Serialization	goods.is_serialized	Calculated / For Activity and Expense Code the value is NOT SERIAL TRACKING	In Inventory	SERIAL_TRACKING_CODE_DB
N/A	goods.is_serialized	Calculated / For Activity and Expense Code the value is N/A	After Deliver Serial Tracking	ENG_SERIAL_TRACKING_CODE_DB
		NOT CONFIGURED	Configurable	CONFIGURABLE_DB
		NOT_ALLOW_COND_CODE	Allow Condition Code	CONDITION_CODE_USAGE_DB
		NO_SUBLOTS	Sub Lot Rule	SUB_LOT_RULE_DB
		ONE_LOT	Lot Quantity Rule	LOT_QUANTITY_RULE_DB
		NOT POSITION PART	Position Part	POSITION_PART_DB
		FALSE	Catch Unit Enabled	CATCH_UNIT_ENABLED_DB
N/A	goods.is_serialized	Calculated / For Activity and Expense Code the value is TRACKING OFF	Multi-Level Tracking	MULTILEVEL_TRACKING_DB
		MANY_LOTS_ALLOWED	Component Lot Rule	COMPONENT_LOT_RULE_DB
N/A	goods.is_serialized	Calculated / For Activity and Expense Code the value is FALSE	Stop PO Arrivals of Issued Serials	STOP_ARRIVAL_ISSUED_SERIAL_DB
		FALSE	ALLOW AS NOT CONSUMED	ALLOW_AS_NOT_CONSUMED_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	goods.is_serialized	Calculated / For Activity and Expense Code the value is FALSE	At Receipt And Issue	RECEIPT_ISSUE_SERIAL_TRACK_DB
		TRUE	Stop Creation of New Serials in RMA	STOP_NEW_SERIAL_IN_RMA_DB
Notes	notes_rt.notes_rt	For Activity and Expense Code the value is N/A	Info Text	INFO_TEXT
Weight	bpart.weight	For Activity and Expense Code the value is N/A	Net Weight	WEIGHT_NET
N/A	bpart.weight_uom_id	Value transformed / For Activity and Expense Code the value is N/A	Weight Uom	UOM_FOR_WEIGHT_NET

Table 49: Field Mapping: Purchase Part

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	In Excel: CONTRACT	Must be populated manually	Site	CONTRACT
Product ID	bpart.cst_ifs_id		Part No	PART_NO
Description	bpart.descr		Description	DESCRIPTION
		Y	Closing Code	CLOSE_CODE_DB
		0	Close Tolerance	CLOSE_TOLERANCE
		FALSE	Taxable	TAXABLE_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		PLANNED	Dop Pegged Po Update Flag	DOP_PEGGED_PO_UPDATE_FLAG_DB
		PURCHASE	Acquisition Type	ACQUISITION_TYPE_DB
		NONE	Action Non Authorized	ACTION_NON_AUTHORIZED_DB
		WARNING	Action Authorized	ACTION_AUTHORIZED_DB
		FALSE	Contractor	EXTERNAL_RESOURCE_DB
		FALSE	Qualified Manufacturer	QUALIFIED_MANUFACTURER_DB
		FALSE	Qualified Supplier	QUALIFIED_SUPPLIER_DB
Stock UOM	goods.stock_uom_id	Value transformed	Default Purchase U/M	DEFAULT_BUY_UNIT_MEAS

Table 50: Field Mapping: Inventory Part

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	In Excel: CONTRACT	Must be populated manually	Site	CONTRACT
IFS ID	bpart.cst_ifs_id		Part No	PART_NO
		S	Asset Class	ASSET_CLASS
		A	Part Status	PART_STATUS

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		*	Planner Buyer	PLANNER_BUYER
Stock UOM	goods.stock_uom_id	Value transformed	Unit Meas	UNIT_MEAS
Description	bpart.descr		Description	DESCRIPTION
		0	Acc Count Diff	COUNT_VARIANCE
		N	Cyclic Counting	CYCLE_CODE_DB
		0	Cyclic Counting Interval	CYCLE_PERIOD
		0	Expected Lead Time	EXPECTED_LEADTIME
Product Source	bpart.rb_make_buy	Value transformed	Lead Time Code	LEAD_TIME_CODE_DB
		0	Manuf Lead Time	MANUF_LEADTIME
		N	OE_ALLOC_ASSIGN_FLAG	OE_ALLOC_ASSIGN_FLAG_DB
		N	Onhand Analysis Flag	ONHAND_ANALYSIS_FLAG_DB
		0	Purch Lead Time	PURCH_LEADTIME
		IO	Default Mtr Req Supply	SUPPLY_CODE_DB
Product Source	bpart.rb_make_buy	Value transformed	Part Type	TYPE_CODE_DB
		Y	Zero Cost	ZERO_COST_FLAG_DB
		CHANGED	Avail Activity Status	AVAIL_ACTIVITY_STATUS_DB
		Y	Shortage Notification	SHORTAGE_FLAG_DB
		NOFORECAST	Forecast Consumption	FORECAST_CONSUMPTION_FLAG_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		SYSTEM MANAGED INVENTORY	Stock Management	STOCK_MANAGEMENT_DB
		AUT	Dop Connection	DOP_CONNECTION_DB
		ST	Inventory Valuation Method	INVENTORY_VALUATION_METHOD_DB
		NEG ONHAND OK - For NOT Serialized NEG ONHAND NOT OK - For Serialized	Negative On Hand	NEGATIVE_ON_HAND_DB
		TRANSACTION BASED - For Serialized IGNORE INVOICE PRICE - For Not Serialized	Supplier Invoice Consideration	INVOICE_CONSIDERATION_DB
		COST PER PART - For not serialized COST PER SERIAL - For Serialized	Inventory Part Cost Level	INVENTORY_PART_COST_LEVEL_DB
		EXCLUDE SERVICE COST	Ext Service Cost Method	EXT_SERVICE_COST_METHOD_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Auto-Sourcing Exempt	goods.auto_sourcing_exempt	Value transformed	Automatic Order Capability Check	AUTOMATIC_CAPABILITY_CHECK_DB
		NONET	Dop Netting	DOP_NETTING_DB
Auto-Sourcing Exempt	goods.auto_sourcing_exempt	Value transformed	Co Reserve Onh Analysis Flag	CO_RESERVE_ONH_ANALYS_FLAG_DB
		0	Qty Calc Rounding	QTY_CALC_ROUNDING
		0	Min Durab Days Co Deliv	MIN_DURAB_DAYS_CO_DELIV
		0	Min Durab Days Planning	MIN_DURAB_DAYS_PLANNING
		FALSE	Reset Configuration Standard Cost from Supply Site	RESET_CONFIG_STD_COST_DB
		FALSE	Mandatory Expiration Date	MANDATORY_EXPIRATION_DATE_DB
		FALSE	Exclude from Shipment Packing Proposal	EXCL_SHIP_PACK_PROPOSAL_DB
		empty string	Product Code	PART_PRODUCT_CODE
		empty string	Product Family	PART_PRODUCT_FAMILY

Table 51: Field Mapping: Sales Part

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	In Excel: CONTRACT	Must be populated manually	Site	CONTRACT
IFS ID	bpart.cst_ifs_id		Sales Part Number	CATALOG_NO
Description	bpart.descr		Description	CATALOG_DESC
		*	Sales Group	CATALOG_GROUP
		*	Sales Price Group Id	SALES_PRICE_GROUP_ID
Purchase UOM	goods.purchase_uom_id	For Activity and Expense Code the value is N/A	Sales Unit Measure	SALES_UNIT_MEAS
Purchase UOM	goods.purchase_uom_id	For Activity and Expense Code the value is *	Price Unit Measure	PRICE_UNIT_MEAS
		Y	Active Part	ACTIVEIND_DB
		NON - for not inventory, for Activities and Expense the value is INV - Inventory parts	Catalog Type	CATALOG_TYPE_DB
		1	Conversion Factor	CONV_FACTOR
		0	Price	LIST_PRICE
		0	Rental Price	RENTAL_LIST_PRICE
		0	Rental Price Incl Tax	RENTAL_LIST_PRICE_INCL_TAX

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		1	Price Conversion Factor	PRICE_CONV_FACTOR
		FALSE	Taxable	TAXABLE_DB
		0	Close Tolerance	CLOSE_TOLERANCE
		DONOTCREATESMOBJECT	Create Sm Object Option	CREATE_SM_OBJECT_OPTION_DB
		SERVICE\GOODS	Category	NON_INV_PART_TYPE_DB
		For Non Inventory, for Activities and Expense the value is NOTSUPPLIED For Inventory Part the value is INVENTORYORDER	Sourcing Option	SOURCING_OPTION_DB
		FALSE	Quick Registered Part	QUICK_REGISTERED_PART_DB
		FALSE	Export To External Application	EXPORT_TO_EXTERNAL_APP_DB
		TRUE	Allow Partial Pkg Deliv	ALLOW_PARTIAL_PKG_DELIV_DB
		TRUE	Primary Sales Part	PRIMARY_CATALOG_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		1	Inverted Conversion Factor	INVERTED_CONV_FACTOR
		FALSE	Use Price Incl Tax	USE_PRICE_INCL_TAX_DB
		SALES	Sales Type	SALES_TYPE_DB
IFS ID	bpart.cst_ifs_id			PART_NO
		For Non-Inventory Products, Activities and Expenses the value is 0	Tax Code	TAX_CODE

Table 52: Field Mapping: Part Alternates

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	bpart.cst_ifs_id		Part No	PART_NO
N/A	bpart.cst_ifs_id		Alternate Part No	ALTERNATIVE_PART_NO
		TRUE	Mutual	MUTUAL
Description	bpart_alt.comment_text		Notes	NOTE_TEXT

5.5 Field Mapping: Installed Items

This section provides high-level field mapping for:

- Service Object/Functional Object/Serial Object
- Service Object - Parties

Table 53: Field Mapping: Service Object/Functional Object/Serial Object

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
	Exported as empty Column, Need to manually fill in the IFS ID.		Object Site	CONTRACT
Serial No.	item.item_id-bpart.cst_ifs_id-item.serial_no-item.tagno		Object ID	MCH_CODE
N/A	item.descr		Description	MCH_NAME
Address id	item.location		Position	MCH_POS
N/A	f_ifs_migr_get_install_item_warranty_expiration(item_inst.item_id)	Value transformed	Warranty Expires	WARR_EXP
Item Notes	item.notes_rt		Note	NOTE
Installation Date	item_install.installed_date		Prod Date	PRODUCTION_DATE
		Site	Object Level	OBJ_LEVEL
N/A	vend.cst_ifs_id		Supplier Code	VENDOR_NO
Serial No.	item.serial_no		Serial Number	SERIAL_NO
IFS Product ID	bpart.cst_ifs_id		Part No	PART_NO

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
	when goods.is_serialized = 'Y' then cust.cst_ifs_id, otherwise empty.		Owner	OWNER
Manufactured Date	item.mfg_date		Manufactured Date	MANUFACTURED_DATE
N/A	cust.cst_ifs_id		Location ID	LOCATION_ID
		FALSE	Pm Prog Application Status	PM_PROG_APPLICATION_STATUS
		NOT_REQUIRED	Safe Access	SAFE_ACCESS_CODE_DB
Model	item.model_id		Model Id	MODEL_ID

Table 54: Field Mapping: Service Object - Parties

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
Label	internal field Name	Fixed/Transformed/manual Value	Label	Internal field name
N/A	IFS value caluculated in the pre deployment process	1	Equipment Object Seq	EQUIPMENT_OBJECT_SEQ
N/A	cust.cst_ifs_id	Value transformed	Identity	IDENTITY
		CUSTOMER	Party Type	PARTY_TYPE_DB
		NO	Is Primary	IS_PRIMARY_DB

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	Exported as empty Column, Need to manually fill in the IFS ID.		Object Site	CONTRACT
N/A	item.item_id-bpart.cst_ifs_id-item.serial_no-item.tagno		Object ID	MCH_CODE

5.6 Field Mapping: Contracts

This section provides high-level field mapping for:

- Request Contract
- Contract Lines
- Contract Lines Coverage
- Contract Lines Services
- Contract Line Periodic Prices

Table 55: Field Mapping: Request Contract

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
IFS ID	cconth.cst_ifs_id		Contract ID	CONTRACT_ID
Contract No.	cconth.cconth_id		Legacy Contract ID	CF$_ORIG_RECORD_ID
Description	cconth.descr	left 40 chars	Contract Name	CONTRACT_NAME
Start Date	cconth.fr_date		Date From	FROM_DATE
Expiration Date	cconth.to_date		Expiry Date	EXPIRY_DATE
			Created	CREATED
Notes	cconth.notes_rt		Notes	NOTES
1st Invoice Date	cconth.payment1_date		Periodic invoicing\Plan Start Date	START_DATE
			Periodic invoicing\Plan End Date	END_DATE
Invoice Interval	cconth.bill_interval		Periodic invoicing\Interval	INTERVAL

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		Transformed	Periodic invoicing\Interval Unit	INTERVAL_UNIT_DB
		POST	Invoice Rule	INVOICE_RULE_DB
IFS Site ID	node.cst_ifs_id		Site	CONTRACT
IFS Company ID	node.cst_ifs_company_id		Company	COMPANY
Currency	cconth.currency_id		Currency Code	CURRENCY_CODE
Customer ID (IFS ID)	cust.cst_ifs_id		Customer Id	CUSTOMER_ID
		*	Authorize Code\Coordinator	AUTHORIZE_CODE
	cconth.owner_id		Contract Manager	CONTRACT_MANAGER
		EMPTY	Contract Type	CONTRACT_TYPE
		TRUE	Allow Batch Invoice	BATCH_INVOICE_DB
		TRUE	Auto Add Objs	AUTO_ADD_OBJS
		REQUEST	Source Type	SOURCE_TYPE_DB
IFS Company ID	node.cst_ifs_company_id		Organization Id	ORGANIZATION_ID
		1	Revision	REVISION
IFS ID	cconth.cst_ifs_id		Contract ID	CONTRACT_ID

Table 56: Field Mapping: Contract Lines

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
IFS ID	cconth.cst_ifs_id		Contract ID	CONTRACT_ID
N/A	ccontl.ifs_um_line_no\ccontl.ifs_pm_line_no		Line No	LINE_NO
		Calculated	Description	DESCRIPTION
From Date	ccontl.fr_date		Date From	DATE_FROM
To Date	ccontl.to_date		Expiry Date	EXPIRY_DATE
Price	ccontl.price		Price	PRICE
		REQUEST	Connection Type	CONNECTION_TYPE_DB
		INVOICE_PLAN	Invoice Type	INVOICE_TYPE_DB
		2	Fault Report Agreement	FAULT_REPORT_AGREEMENT_DB
IFS Site ID	node.cst_ifs_id		Maint. Org. Site	CONTRACT
PM Price\UM Price	ccontl.pm_charge_rule\ccontl.um_charge_rule	Calculated	Price Rule ID	PRICE_RULE_ID
		ALLIANCECONTRACTLINEPRICE	Sales Part No	INVOICE_CATALOG_NO
		ALLIANCECONTRACTSLA	Template Id	REQUEST_SLA_TEMP_ID

Table 57: Field Mapping: Contract Lines Coverage

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
IFS ID	cconth.cst_ifs_id		Contract ID	CONTRACT_ID
N/A	ccontl.ifs_um_line_no\ccontl.ifs_pm_line_no		Line No	LINE_NO
		EQUIPMENT	Connection Type	CONNECTION_TYPE_DB
		Calculated	Equipment Object Seq	EQUIPMENT_OBJECT_SEQ
		Calculated	Node Structure	NODE_STRUCTURE
		N	Set Revenue	SET_REVENUE
		Calculated	Auto Add Objs	AUTO_ADD_OBJS
	node.cst_ifs_id		Object Site	MCH_CONTRACT
	item.item_id-bpart.cst_ifs_id-item.serial_no-item.tagno		Object ID	MCH_CODE

Table 58: Field Mapping: Contract Lines Services

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
IFS ID	cconth.cst_ifs_id		Contract ID	CONTRACT_ID
N/A	ccontl.ifs_um_line_no\ccontl.ifs_pm_line_no		Line No	LINE_NO

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
		1	Service Item Rev	SERVICE_ITEM_REV
		ALLIANCEUMSERVICECATALOG for UM line ALLIANCEPMSERVICECATALOG from PM line	Service Item Id	SERVICE_ITEM_ID

Table 59: Field Mapping: Contract Line Periodic Prices

Alliance Label	Alliance Internal Fieldname	Value Fixed /Transformed /Manual	IFS Label	IFS Internal Fieldname
N/A	ccontl.ifs_um_line_no\ccontl.ifs_pm_line_no		Line No	LINE_NO
		Calculated	Seq No	SEQ_NO
From Date	ccontl.fr_date		Valid From	VALID_FROM
Price	ccontl.price	sum(ccontl.price)	Price	PRICE

5.7 Field Mapping: Service Request

This section provides high-level field mapping for:

- Service Request Header
- Service Request Scope
- Service Request Location Address
- Service Request – Work Task Header
- Service Request – Planning
- Service Request – Resources
- Service Request – Materials

Table 60: Field Mapping: Service Request Header

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Order Id	order_line.order_id		Original Record ID	ORIGINAL_REQ_ID
Description	order_line.descr		Description	DESCRIPTION
IFS Customer ID	cust.cst_ifs_id		Customer	CUSTOMER_ID
N/A	order_line.creation_datetime		N/A	CREATED
N/A	person.cst_ifs_id		Customer No	CUSTOMER_NO
IFS Maintenance Organization ID	node.cst_ifs_company_id		Service Organization	ORGANIZATION_ID

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Reference	service_call.refno		Customer Reference	REFERENCE_ID
IFS Site ID	node.cst_ifs_id		N/A	SALES_SITE
IFS Site ID	node.cst_ifs_id		N/A	SERVICE_BRANCH
Request Type	service_call.callt_id		Request Type	REQUEST_TYPE_ID
Priority	order_line.priority	**Not mapped:** First Create the Priority values in IFS, then map	Priority	PRIORITY_ID
Severity	service_call.severity_id	**Not mapped:** First Create the Severity values in IFS, then map	Request Severity	REQUEST_SEVERITY_ID
N/A	Empty field in SQL/CSV, can be filled manually	**Not mapped**	Request Group	REQUEST_GROUP_ID
N/A	Empty field in SQL/CSV, can be filled manually	**Not mapped**	Request Category	REQUEST_CATEGORY_ID
N/A	Empty field in SQL/CSV, can be filled manually	**Not mapped**	Request Class	REQUEST_CLASS_ID
N/A	Empty field in SQL/CSV, can be filled manually	**Not mapped**	Request Visibility	REQUEST_VISIBILITY_ID
N/A	Empty field in SQL/CSV, can be filled manually	**Not mapped**	Request Importance	REQUEST_IMPORTANCE_ID

Table 61: Field Mapping: Service Request Scope

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Order Id	order_line.order_id		Original Record ID	ORIGINAL_REQ_ID
N/A	order_items.order_items_id/order_line.ifs_seq		N/A	SRV_REQUEST_SCOPE_ID
N/A		ALLIANCEPMSERVICECATALOG/ALLIANCEUMSERVICECATALOG		ITEM_ID
N/A		1		REVISION
N/A	Empty field in SQL, then can be mapped	**Not mapped**		PRICE_RULE_ID
N/A		DEFAULT'		PRICE_RULE_SOURCE_DB
N/A		0		PRICE_RULE_MODIFIED
N/A	Empty field in SQL, then can be mapped	**Not mapped**		BENIFIT_RULE_FLAG
N/A		Empty/EQUIPMENT	N/A	REPORTED_CONNECTION_TYPE_DB
N/A		Empty/EquipmentObject	N/A	REPORTED_OBJ_CONN_LU_NAME_DB
N/A		Empty/cust.cst_ifs_id +'-FULLCOV')/ site.cst_ifs_id +'-SITECOV'/ item.serial_no /item.tagno	N/A	MCH_CODE

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
N/A		Empty/EQUIPMENT	N/A	ACTUAL_CONNECTION_TYPE_DB
N/A		Empty/EquipmentObject	N/A	ACTUAL_OBJ_CONN_LU_NAME_DB
IFS Site ID	node.cst_ifs_id		N/A	CONTRACT
Contract ID	cconth.cst_ifs_id		Contract	CONTRACT_ID
N/A	contl.ifs_pm_line_no/contl.ifs_um_line_no		N/A	LINE_NO
IFS Site ID	node.cst_ifs_id		N/A	SERVICE_BRANCH
IFS Site ID	node.cst_ifs_id		N/A	SALES_SITE
IFS Site ID	cust.cst_ifs_id		N/A	BILLING_CUSTOMER_ID
Order Id	order_line.order_id		Original Record ID	ORIGINAL_REQ_ID
N/A	order_items.order_items_id/order_line.ifs_seq		N/A	SRV_REQUEST_SCOPE_ID

Table 62: Field Mapping: Service Request Location Address

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
N/A	cust.cst_ifs_id		Location	LOCATION_ID

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
		address.address_id+address_xref.address_type_id	N/A	ADDRESS_ID
Address	address.address_1		N/A	ADDRESS_1
N/A	address.address_2		N/A	ADDRESS_2
Address	address.address_1		N/A	ADDRESS_3
Zip	address_zip		N/A	ZIP_CODE
City	address.city		N/A	CITY
Country	address.country_id		N/A	COUNTRY_CODE

Table 63: Field Mapping: Service Request - Work Task Header

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
N/A		EQUIPMENT	N/A	ACTUAL_CONNECTION_TYPE_DB
N/A		EquipmentObject	N/A	ACTUAL_OBJ_CONN_LU_NAME
Order Id	order_line.order_id		Original Record ID	CF$_ORIG_RECORD_ID
IFS Site ID	node.cst_ifs_id		N/A	CONTRACT
Currency Id	order_line.currency_id		Currency Code	CURRENCY_CODE
IFS ID	cust_cst_ifs_id		Customer No	CUSTOMER_NO
Short Desc.	order_line.descr		Description	DESCRIPTION

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Duration	service_call_env.est_hours		Duration	DURATION
N/A		FALSE	N/A	EXCLUDE_FROM_SCHEDULING_DB
Description	order_line.problem_desc		Long Description	LONG_DESCRIPTION
N/A		Concatinate field	N/A	MCH_CODE
IFS Maintenance Organization ID	node.cst_ifs_maintenance_org_id		Maintenance Organization	ORGANIZATION_ID
IFS Site ID	node.cst_ifs_id		Maintenance Organization Site	ORGANIZATION_SITE
N/A		EQUIPMENT	N/A	REPORTED_CONNECTION_TYPE_DB
N/A		EquipmentObject	N/A	REPORTED_OBJ_CONN_LU_NAME_DB
IFS Site ID	node.cst_ifs_id		Site	SITE
N/A	order_items.order_items_id or order_line.ifs_seq	Case statement	Srv Request Scope Id	SRV_REQUEST_SCOPE_ID
N/A	order_line.ifs_seq		Task No	TASK_SEQ

Table 64: Field Mapping: Service Request - Planning

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
N/A	order_line.ifs_seq		Task No	TASK_SEQ
N/A		X	N/A	WORK_ORDER_COST_TYPE_DB
N/A		FALSE		RENTAL_DB
Local Currency	demand.local_currency		Currency Code	CURRENCY_CODE
Comment	demand.comment_text		Line Description	LINE_DESCRIPTION
Quantity	demand.qty		Quantity	QUANTITY
Product Id (Expense/Activity/Managment)	bpart.cst_ifs_id		Sales Part	SALES_PART_NO
Demand ID	demand.demand_id		Task Plan Line	TASK_PLAN_LINE_SEQ

Table 65: Field Mapping: Service Request - Resources

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
N/A	order_line.ifs_seq		Task No	TASK_SEQ
N/A	demand_labor.duration	X	N/A	PLANNED_QUANTITY
N/A		0	Offset	OFFSET
Local Currency	demand.bpart_id		Remark	REMARK

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Action Group	demand.actgr_id*			RESOURCE_GROUP_ID
Duration	demand.qty			RESOURCE_ID
N/A		PERSON		DEMAND_TYPE_DB
N/A		INTERNALLY_SOURCED		SOURCING_OPTION_DB
IFS Site ID	node.cst_ifs_id		Site	SITE
Demand ID	demand.demand_id		Task Plan Line	TASK_PLAN_LINE_SEQ

* in case the Action Group ID is empty the value “ALLALLIANCERESOURCES” will be defaulted.

Table 66: Field Mapping: Service Request - Materials

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
N/A	order_line.ifs_seq		Task No	TASK_SEQ
Product Id	bpart.cst_ifs_id			PART_NO
Quantity	demand_material.qty			PLAN_QTY
N/A		FALSE		RWO_COPY_PREPOST_DB
N/A		FALSE		RENTAL_DB
N/A		Case statment		SUPPLY_CODE_DB
N/A		Case statment		DELIVERY_DB

Alliance Label	Alliance Fieldname	Value Fixed / Transformed/ Manual	IFS Label	IFS Internal Fieldname
Vendor ID	demand.vendor_id	Case statment		VENDOR_NO
IFS Site ID	node.cst_ifs_id			SPARE_CONTRACT
N\A		ROW_NUMBER()		MARKUP
Demand ID	demand.demand_id		Task Plan Line	TASK_PLAN_LINE_SEQ