IFS Cloud for Aviation Maintenance Data Migration Lifecycle

IFS Cloud for Aviation Maintenance
Version 25R2

Contents

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This guide is intended for authorized users of IFS Cloud Aviation Maintenance (ICAM) only. All data migration activities must comply with your organization's data governance and privacy policies. Unauthorized access or misuse of the Data Migration process may result in data corruption or security breaches and/or severe penalties.

1 INTRODUCTION

Data migration is the process of transferring data from one data storage system to another, and between different data formats and applications.
This document provides a comprehensive guide to the overall data migration process within the IFS Cloud for Aviation Maintenance (ICAM) solution. Its primary focus is to support both new customers implementing ICAM and existing IFS Maintenix customers upgrading to ICAM25R2, specifically in the context of migrating supply chain and tooling data.

1.1 Scope

This guide details the end-to-end lifecycle of Supply Chain data migration, including preparation, baseline migration, warehouse structure setup, and actuals migration.

It explains the key differences in migration approaches for new customers versus Maintenix upgrade customers.

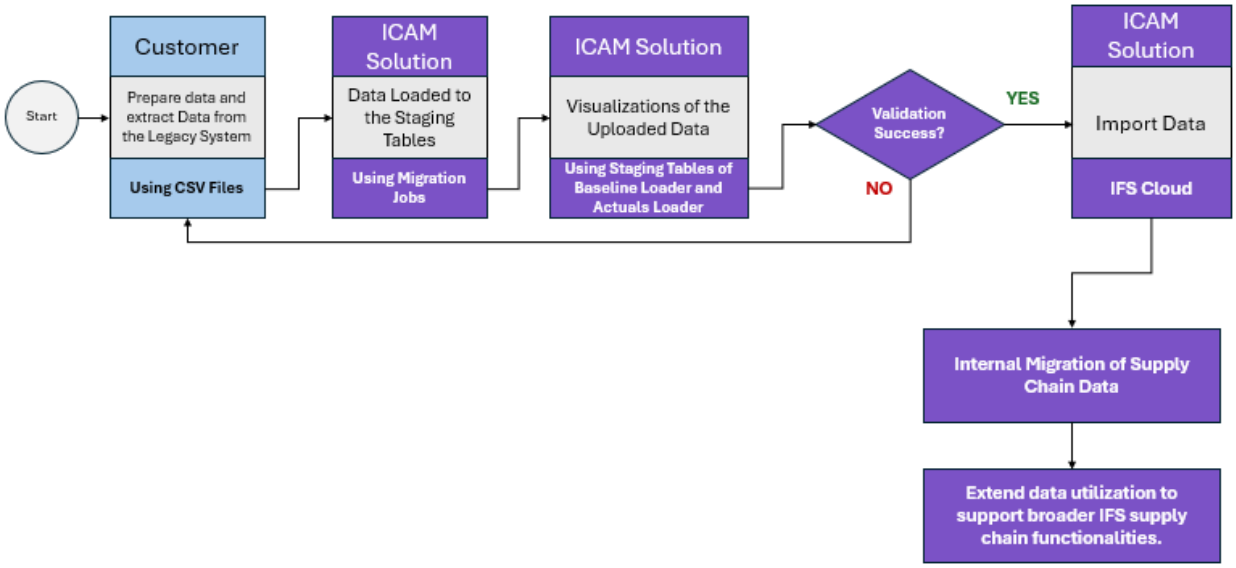
The document provides practical instructions, tools, and validation steps to ensure a successful migration.

Modules or functionalities outside the Supply Chain and Tooling scope (such as additional IFS Cloud modules purchased separately) are not covered in this document.

2 Overview of Data Migration Approaches for Different Customer Types

IFS supports two types of customers in the ICAM 25R2 rollout. Below are the key differences between their data migration processes.

2.1 New Customers implementing ICAM25R2:



When onboarding a new aviation maintenance customer, ensuring accurate and complete data migration is critical to operational continuity. The challenge lies in transferring complex maintenance records, configurations, and operational data from legacy systems or other platforms into the new system without loss of critical data. Errors or omissions during migration can lead to regulatory non-compliance, safety risks, and operational delays. In this context, data migration refers to:

1) Preparing and extracting data from the customer legacy system
2) Loading data using CSV files
3) Validating data for successful migration
4) Performing many iterations of step 1 to 3 above to increase the overall data quality
5) Importing migrated into ICAM Solution
6) Moving some data pertaining to new modules within ICAM from central internal storage to other storage:
   a) Supply Chain
   b) Tooling

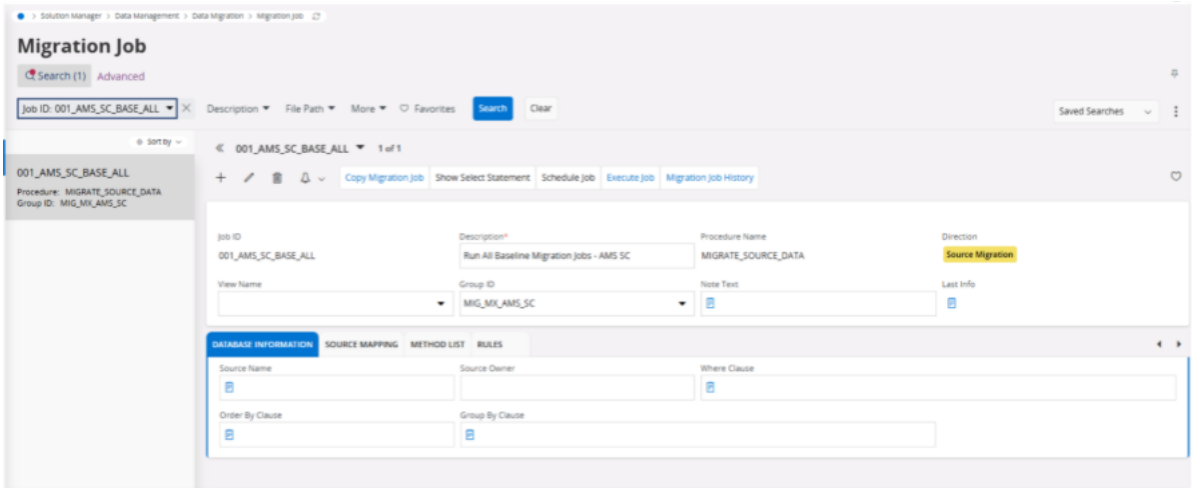
Data Preparation and Extraction
Legacy data needs to be extracted and prepared for migration. This data is then formatted into CSV files to ensure it works smoothly with the IFS migration framework. Any major errors in the source data must be identified and corrected at this stage.

Loading into Staging Tables
Once customer data is prepared, CSV files are uploaded into staging tables using a sequence of migration jobs. This creates a secure, temporary space for the data before validation begins.

Data Visualization and Validation
The uploaded data is visualized through the Baseline Loader and Actuals Loader tools.
This step allows users to review the migrated data for accuracy and completeness.
Validation checks ensure consistency and correctness before importing.
If validation fails, data must be corrected and reloaded.

Migration Execution
Once validation is successful, data is migrated into IFS Cloud.

Moving Supply Chain and Tooling Data
For new customers, once the baseline and actual loaders have been executed, the baseline migration job must be manually initiated. This step is essential to ensure accurate and complete data migration into the IFS Cloud.

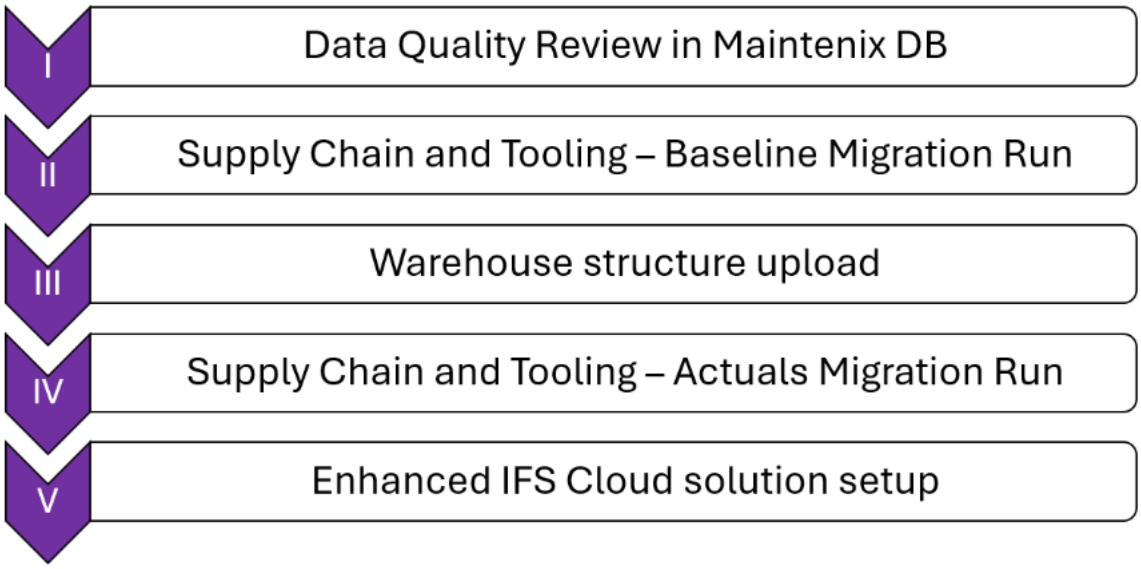


2.2 IFS Maintenix customers upgrading to ICAM25R2

Starting with 25R2 release, IFS is introducing 3 new modules in replacement of existing Maintenix modules as part of the overall IFS Cloud for Aviation Maintenance:

- Supply Chain: Includes inventory management, material planning, procurement, logistics and a mobile app (WADACO) for stores workers.
- Tooling: includes the calibration program definition for each tool, tools inventory management, calibration work execution and next due forecasting.

2.2.1 High-Level Data Migration Process



As the first step of the data upgrade process from IFS Maintenix to ICAM, customers need to clean up their data first. This helps avoid errors during migration and ensures everything runs smoothly. The cleanup involves removing outdated and duplicate records and fixing any mismatches with the new system's structure. Once that's done, the Baseline Loader brings in setup data via CSV files. Then the customer can upload the warehouse structure.-After the foundation is in place, the system is ready to migrate actuals data like Inventory in stock, Tools and Equipment, and Part Serial etc., IFS Cloud checks for any remaining issues, improves data quality, and completes the setup of the Enhanced IFS Cloud Solution.

2.2.2 Data Quality Review in Maintenix DB

This process is to evaluate legacy data to ensure consistency and to eliminate any irrelevant or erroneous entries.
Following data areas are expected to be reviewed and eventually corrected prior to moving Supply Chain/Tooling data.

Data Element	Potential Issue in Maintenix	Impact in the overall migration run	Action required by IFS Customer	Expected Result
Parts to be Migrated	Maintenix part number may include parts with descriptions like 'DELETED' or 'OBSOLETE'	Potential exclusion of relevant parts	Set the status of parts to OBSOLETE	Accurate filtering of parts for migration
Organization Clean Up	Incomplete or inconsistent organization and airport data	Errors or gaps in migrated data	Review and refine Name • Type • Code • Country in organization and airport data prior to migration by	Accurate organization and airport records

			identifying gaps, correcting inconsistencies, and ensuring completeness.	
	Missing 'Country' data in organization records and missing value in 'Address 1' field.	Defaults country to USA if country is not provided.	Update country field for all organizations	Accurate country and address data in IFS Cloud
	Missing country data in location type 'Airport'.	Defaults country to USA if country is not provided.	Update country field for all organizations	Accurate country data in IFS Cloud
Correction of Part Number	Part Number contains restricted special characters	Errors in the migration process	Remove any special characters that are not included in the following list from the part number: *!?@#$+()/\-_""]'	Error free migration

2.3 Supply Chain and Tooling: Baseline Migration Run

During data migration, the supply chain and tooling baseline data will be mapped as follows

ICAM Supply Chain Entity	Maintenix Entity
Country	Country
Time Zone	Time Zone
Currency	Currency
Company creation	Organization
Company address- company	Organization Address
Company address- site	Airport Address
Company Message set up	[Set up if multiple organizations set up for automatic information to for intercompany shipments]
Site	Location Types: Airports
Currency Code	Part of Currency
Currency rate	Currency Conversions
Users per company	Access for user to Organization information

Users Per Site	Access for user to Site limited information
Tax	Tax
UOM	Unit of Measure
Ship Via Code	Transport Type
Purchase Charge Group	Type of Orders
Inventory Part status	Inventory Status e.g. Active, Obsolete, etc.
Internal Destination	Locations: TRACK and LINE
Payment terms	Terms and Conditions
Location Group	Material storage location types
Purchase Authorization Basic Data-Authorizer, Purchase Authorization Basic Data- Authorizer Group, Purchase Authorization Basic Data- Authorizer Group-Authorizer	PO Authorization Level
Purchase Charge Type	Charges under Vendor page
Purchase Order Authorization rule	PO Authorization Rule
Supplier	Vendor
Supplier Communication Method	Vendor Contact Information
Manufacturer	Manufacturer
Customer	Vendor
Customer Communication Method	Vendor Contact Information
Master Part	Part Information
Inventory Part	Part Information
Resource Group	HR Qualification Labor Skills
Migration of Skills	HR Qualification Labor Skills
Purchase Part	Part Information
Sales Part	Part Information
Engineering Part	Part Information
Part Manufacturer	Connection between Part and Manufacturer
Resource Details	Tools
Alternate Parts	Portion of Part Group
Supplier for Purchase Part	Connection between vendor and Part
KITS	KITS
Scrap Reasons	Scrap Cause

Tool Calibrations	Tool Work Task templates

Table: Supply chain baseline data mapping

ICAM Tooling Entity	Maintenix Entity
Master Part	**Tool Part Number**
Inventory Part	
Purchase Part	
Sales Part	
Part Manufacturer Record	**Manufacturer**
IFS Cloud Resource Groups	**Tool Part Group**
Tool Part Number	**Tool Part Number**

IFS Cloud Resource Structure	Maintenix Structure (CAMO)	Example	Remark
Resource Group Top level	Tool Part Group	T_ T009954	Part Group Code and the Tool Part Number have the same value in the Allowable Configuration module, one of these values needs to be defined differently in the IFS resource structure
Resource Group Sub level	Tool Part Number	QD3R250A	Standard tool
		TWV250	Alternate
		2503MFRMHQR	
Tool and Equipment	Serial Number	QD3R250A_QD1000 QD3R250A_QD1001 QD3R250A_QD1003	Tool Part Number + Serial Number

Table: Tooling baseline data mapping

3 Data Migration Process Overview

The data migration process is split into four key phases:

3.1 Phase 1: Data Preparation

Review of legacy data to ensure data quality, data consistency and to eliminate any irrelevant or incorrect entries.

Effective data preparation is essential for a successful data migration life cycle. Regardless of whether you are a new ICAM customer or upgrading from Maintenix (SC), your data should meet the following key criteria before migration:

- **Completeness:** All required data fields must be filled. Avoid missing values, as incomplete records can cause errors or delays during migration.
- **Relevance:** Only migrate data that is necessary for your operational and business needs. Remove obsolete, redundant, or irrelevant records to streamline the process.
- **Accuracy:** Ensure all data is correct and up to date. Validate information against source systems and correct any inconsistencies or errors.
- **Consistency:** Data formats, naming conventions, and codes should be standardized across all datasets. This helps prevent mapping issues and supports smooth integration.
- **Uniqueness:** Eliminate duplicate records to maintain data integrity and avoid confusion in the target system.
- **Compliance:** Data must adhere to organizational policies, privacy regulations, and industry standards.

By following these principles, you reduce the risk of migration errors, improve data quality, and ensure a smoother transition to IFS Cloud for Aviation Maintenance.

3.2 Phase 2: Baseline Data Migration

Baseline Data Migration is about setting up the system with core data such as aircraft configurations and maintenance programs.

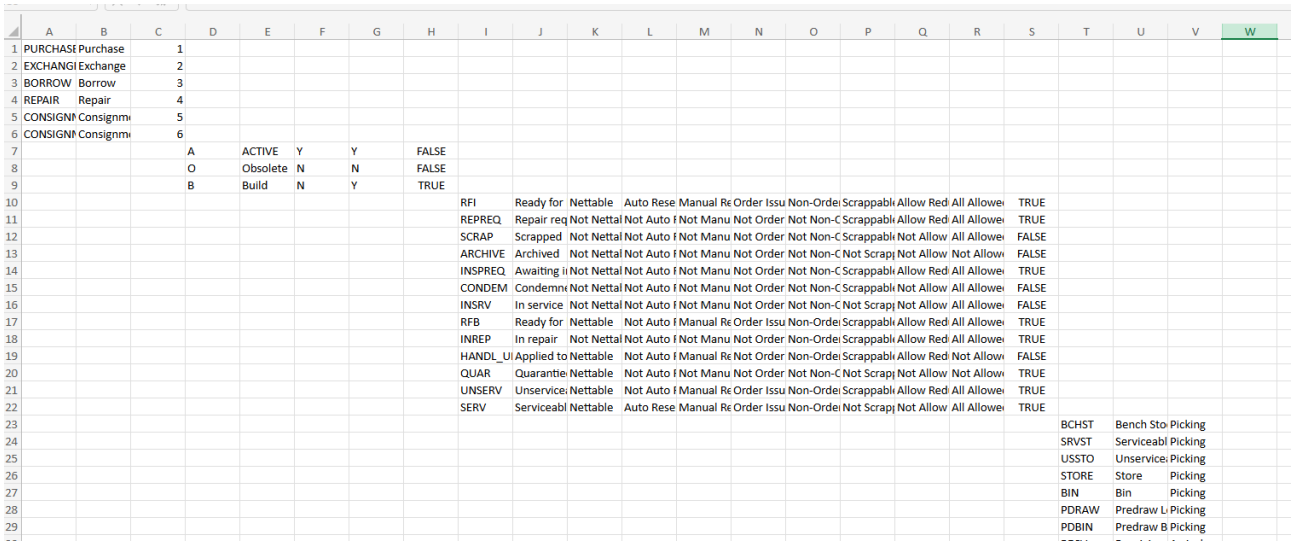
3.2.1 Run Baseline Loader

Run Baseline Loader' to load current aircraft and subassemblies configuration, applicable parts and tools, task definitions (Blocks, Requirements, Job Cards, Reference Documents).
Read Baseline Loader Guide Document for detailed steps

2.2.1 Migration Job Sequence for Baseline Migration (Supply Chain)

In 25R2, baseline data migration is done in batches.

For Internal baseline data migration, default data is uploaded via CSV files. The template for the CSV file can be found in here. The CSV file would look like the following,



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	PURCHASE	Purchase	1																				
2	EXCHANGI	Exchange	2																				
3	BORROW	Borrow	3																				
4	REPAIR	Repair	4																				
5	CONSIGNI	Consignm	5																				
6	CONSIGNI	Consignm	6																				
7				A	ACTIVE	Y	Y	FALSE															
8				O	Obsolete	N	N	FALSE															
9				B	Build	N	Y	TRUE															
10									RFI	Ready for	Nettable	Auto Rese	Manual Re	Order Issu	Non-Orde	Scrappabl	Allow Red	All Allowe	TRUE				
11									REPREQ	Repair req	Not Nettal	Not Auto I	Not Manu	Not Order	Not Non-C	Scrappabl	Allow Red	All Allowe	TRUE				
12									SCRAP	Scrapped	Not Nettal	Not Auto I	Not Manu	Not Order	Not Non-C	Scrappabl	Not Allow	All Allowe	FALSE				
13									ARCHIVE	Archived	Not Nettal	Not Auto I	Not Manu	Not Order	Not Non-C	Not Scrap	Not Allow	Not Allow	FALSE				
14									INSPREQ	Awaiting i	Not Nettal	Not Auto I	Not Manu	Not Order	Not Non-C	Scrappabl	Allow Red	All Allowe	TRUE				
15									CONDEM	Condemne	Not Nettal	Not Auto I	Not Manu	Not Order	Not Non-C	Scrappabl	Not Allow	All Allowe	FALSE				
16									INSRV	In service	Not Nettal	Not Auto I	Not Manu	Not Order	Not Non-C	Not Scrap	Not Allow	All Allowe	FALSE				
17									RFB	Ready for	Nettable	Not Auto I	Manual Re	Order Issu	Non-Orde	Scrappabl	Allow Red	All Allowe	TRUE				
18									INREP	In repair	Not Nettal	Not Auto I	Not Manu	Not Order	Non-Orde	Scrappabl	Allow Red	All Allowe	TRUE				
19									HANDL_UI	Applied to	Nettable	Not Auto I	Manual Re	Not Order	Non-Orde	Scrappabl	Allow Red	Not Allow	FALSE				
20									QUAR	Quarantie	Nettable	Not Auto I	Not Manu	Not Order	Not Non-C	Not Scrap	Not Allow	Not Allow	TRUE				
21									UNSERV	Unservice	Nettable	Not Auto I	Manual Re	Order Issu	Non-Orde	Scrappabl	Allow Red	All Allowe	TRUE				
22									SERV	Serviceabl	Nettable	Auto Rese	Manual Re	Order Issu	Non-Orde	Not Scrap	Not Allow	All Allowe	TRUE				
23																				BCHST	Bench Sto	Picking	
24																				SRVST	Serviceabl	Picking	
25																				USSTO	Unservice	Picking	
26																				STORE	Store	Picking	
27																				BIN	Bin	Picking	
28																				PDRAW	Predraw L	Picking	
29																				PDBIN	Predraw B	Picking	

3.2.2 CSV Migration Pages and Navigation for internal supply chain baseline migration

Setup Item	Navigation Path	CSV Migration Page	Migration Job (Individual)	Migration Job (Sequence)	Remarks
Language	Application Base Setup > System Setup > ISO Code Usage > Language	AMS_SC_ISO_LANGUAGE	026_AMS_SC_ISO_LANG	—	Only Enabling EN - English
Message Receiver	Solution Manager > Integration > Connectivity > Setup Connectivity	AMS_SC_MSG_RECEIVE	027_AMS_SC_MSG_RECEIVE	—	Adding a receiver code 100

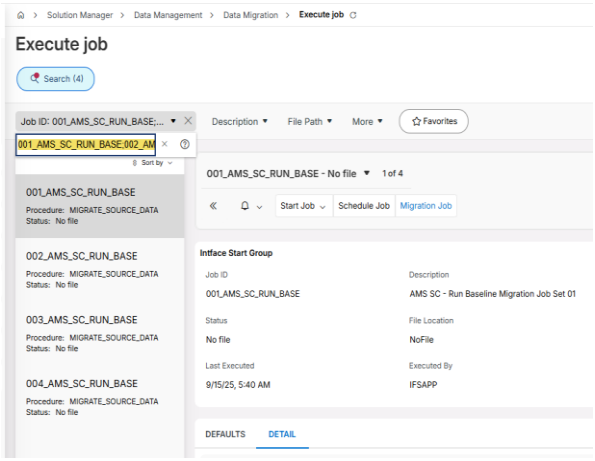
Delivery Terms	Application Base Setup > General Data > Delivery Terms	AMS_SC_DELIVERY_TERM	028_AMS_SC_DEL_TERM	—	—
Purchase Charge Group	Procurement > Procurement Basic Data > Purchase Charge Group	AMS_SC_PURCHASE_CHARGE_GROUP	029_AMS_SC_PUR_CHG_GRP	—	—
Inventory Part Status	Warehouse Management > Basic Data > Inventory Part Status	AMS_SC_PART_STATUS	030_AMS_SC_PART_STATUS	—	—
Part Availability Control	Warehouse Management > Basic Data > Part Availability Controls	AMS_SC_PART_AVL_CNTRL	031_AMS_SC_PT_AVL_CNTR	—	—
Supplier Statistics Groups	Procurement > Procurement Basic Data > Supplier	AMS_SC_SUPPLIER_GROUP	032_AMS_SC_SUP_GROUP	—	—

	Statistic Groups				
Location Group	Warehouse Management > Location > Inventory Location Groups	AMS_SC_LOC_GROUP	033_AMS_SC_LOC_GROUP	—	—
Requisitioner	Procurement > Procurement Basic Data > Requisitioner	AMS_SC_REQUISITIONER	034_AMS_SC_REQUISITION	—	Default and Add a Standard * value
Buyer	Procurement > Procurement Basic Data > Buyers	AMS_SC_BUYER	035_AMS_SC_BUYER	—	Default and Add a Standard * value
Coordinator Group	Application Base Setup > General Data > Coordinator Groups	AMS_SC_COORD_GROUP	036_AMS_SC_COORD_GROUP	—	—
Coordinators	Application Base Setup > General Data > Coordinators	AMS_SC_COORDINATOR	037_AMS_SC_COORDINATOR	—	Default and Add a Standard * value

Inventory Part Planners	Warehouse Management > Basic Data > Inventory Part Planners	AMS_SC_INV_PART_PLNR	038_AMS_SC_INV_PT_PLNR	—	Default and Add a Standard * value
Customer Statistic Group	Sales > Basic Data > Customer Statistic Group	AMS_SC_CUST_STAT_GROUP	039_AMS_SC_CU_STAT_GRP	—	Default and Add a Standard * value
Sales Group	Sales > Basic Data > Sales Groups	AMS_SC_SALES_GROUP	040_AMS_SC_SALES_GROUP	—	Default and Add a Standard * value
Sales Price Group	Sales > Basic Data > Sales Price Groups	AMS_SC_SALE_PRC_GRP	041_AMS_SC_SALE_PR_GRP	—	Default and Add a Standard * value
Part Class	Engineering > PDM > Basic Data > Part Classes	AMS_SC_PART_CLASS	042_AMS_SC_PART_CLASS	—	—

To migrate supply chain baseline data, run the following migration jobs as background jobs, one after the other in this sequence. It will migrate all data related to the supply chain in batches. This batch migration has made the migration process easier and more efficient.

Migration Job ID
001_AMS_SC_RUN_BASE
002_AMS_SC_RUN_BASE
003_AMS_SC_RUN_BASE
004_AMS_SC_RUN_BASE



The sequence of data migration is important due to dependencies between certain fields. To ensure proper order, the following sequence should be followed:

1. General basic data
2. Supply chain baseline data

The Order/Series determines the required sequence in which data should be migrated. While values within the same series can be migrated in parallel, the order of the series themselves must be followed strictly.

Order/Series	#	Header	Order in Application

1	1.1	Country	01
1	1.2	Time Zone	02
1	1.3	Language	03
1	1.4	Currency	04
2	2	Company	05
2	2.1	Company address	06
3	2.2	Company Message set up	07
3	3.1	Site	08
3	3.2	Currency Code	09
4	4.1	Currency rate	10
4	4.2	Users per Company and Site	11
4	4.3	Persons Per Company	12
4	4.4	Tax	13

Table: Sequence of Order Basics/General data

Order/Series	#	Header	Order in Application
4	4.5	UOM	14
4	4.6	Ship Via Code	15
4	4.7	Delivery Terms	16
4	4.8	Purchase Charge Group	17
4	4.9	Inventory Part status	18
4	4.1	Part Availability Controls	19
4	4.11	Internal Destination	20
4	4.13	Payment terms	21
4	4.14	Supplier Statistics Groups	22
4	4.16	Location Group	23
4	4.17	Requisitioner	25
4	4.18	Buyer	26
4	4.19	Coordinator Group	27
4	4.20	Coordinators	28
4	4.21	Inventory Part Planners	29
4	4.22	Customer Statistic Group	30
4	4.24	Purchase Authorization Basic Data	31

4	4.25	Condition code	32
4	4.26	Sales Group	33
4	4.27	Sales Price Group	34
4	4.28	Part Class	35
4	4.29	Scrapped Causes	36
4	4.30	Authorities	37
5	5.1	UOM Conversions	38
5	5.2	Purchase Charge Type	39
5	5.3	Purchase Order Authorization rule	40
5	5.5	Site Cluster	41
6	6.1	Supplier	42
6	6.1.1	Supplier Communication Method	43
6	6.2	Manufacturer	44
6	6.3	Customer	45
6	6.3.1	Customer Communication Method	46
6	6.4	Inter site Set up	47
7	7.1	Master Part	48
7	7.2	Inventory Part	49
7	7.3	Resource Group	50
7	7.4	Skills	51
8	8.1	Purchase Part	51
8	8.2	Sales Part	53
8	8.3	Engineering Part	54
8	8.4	Part Manufacturer	55
8	8.5	Resource Details	56
8	8.6	Alternative Parts for Master Part	57
9	9.1	Supplier for Purchase Part	58
9	9.2	KITS definition	59

Table: Sequence of Supply Chain Basic data

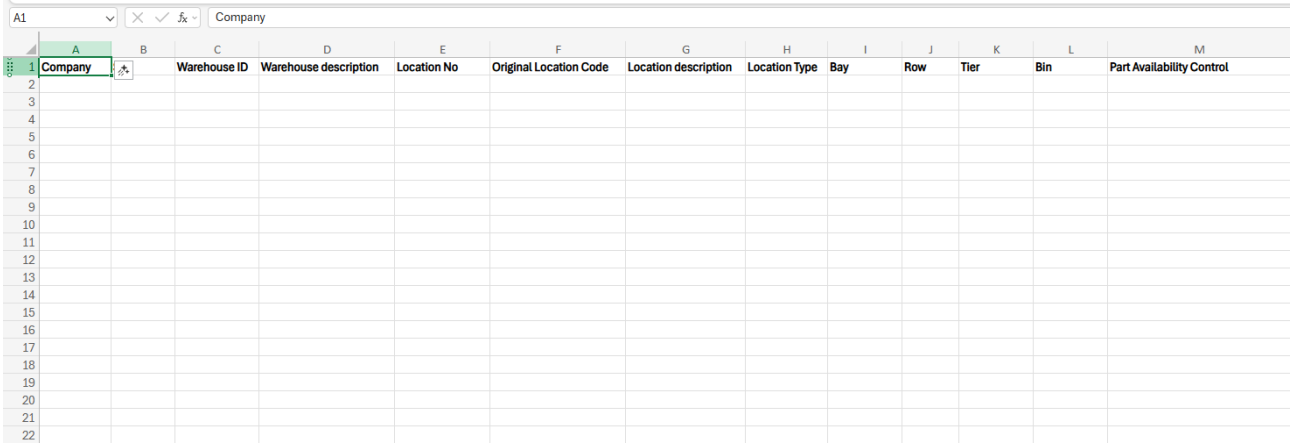
3.3 Phase 3: Set-up Warehouse Structure

Setting up data warehouse structure to map the physical warehouse structure of the customer is required after the baseline migration. This involves creating a structured template and uploading it via migration jobs.

3.3.1 Process of creating warehouse structure

- **Extract existing data**: Export current warehouse structure for reference (if applicable)
- **Design warehouse layout**: Decide on site, warehouse, docks, staging areas, bins, and maintenance locations.
- **Create template**: Use provided template to define all locations and attributes.

This is how the warehouse CSV will look like.



Find the template here.

3.3.2 Migrating warehouse data using migration jobs.

After creating the CSV file load, the CSV and run the following migration jobs.

- **Upload, Unpack and Execute the migration job via migration jobs**: Load the completed template into ICAM using job using '**AMS_SC_WH_FROM_TMP_RUN'**
- **Execute the data:** Disseminate data into relevant warehouse structure using **AMS_SC_WH_TMP_LOAD_DATA**

3.3.3 How to fill the template

Template is explained below.

- **Company & Site:** Enter your organization name and airport/site code (e.g., YOW).
- **Warehouse ID & Description:** Unique ID and clear description.
- **Location:** Include every physical area; docks, staging zones, bins, and tool areas.
- **Original Code:** Map legacy codes or replicate location names for new bins.
- **Location Group:** Use only prefilled codes (e.g., RECV for receiving, SHIP for shipping, SVSTG for serviceable staging).
- **Bay/Row/Tier/Bin:** Ensure unique combinations; use "-" if not applicable. (- is the minimum value)
- **Part Availability Control:** Apply correct codes (e.g., INSPREQ for inspection, RFI for ready for issue). Read warehouse structure setup for a detailed list.

3.3.4 Key points for warehouse data migration

Handling CSV Separation

ICAM uses ‘,’ (comma) as the delimiter to separate records from CSV files. If migrated data contain ‘,’ (comma) it may result in incorrect parsing and data uploading errors.

Alternatively, the migration jobs support following custom delimiters to avoid errors.

- <comma>
- <point>
- <space>
- <semicolon>
- <currency sign>
- <double quotation>
- <single quotation>
- <zero>
- <hash>
- <asterisk>
- <carriage return>
- <tab>
- <pipe>

Serviceable Staging Area and Unserviceable Area:

To effectively manage parts during maintenance operations, it is mandatory to create two distinct locations for each distinct locations representing cages: one serviceable cage and one unserviceable cage. This setup ensures clear tracking and staging of components throughout the aircraft maintenance process:

3.4 Phase 4: Actuals Data Migration

Actuals Migration process loads warehouse inventory, aircraft open and deferred defects, open purchase orders, open work packages, and associated tasks.

3.4.1 Run Actuals Loader

Run ‘Actuals Loader’ to load current inventory records, usage values, open tasks, open purchase orders, and open repair orders.

Read Actuals Loader Guide Document for detailed steps

4 Warehouse Setup Structure Upload

This process is to set up the warehouse structure to map the customers actual physical warehouse structure.

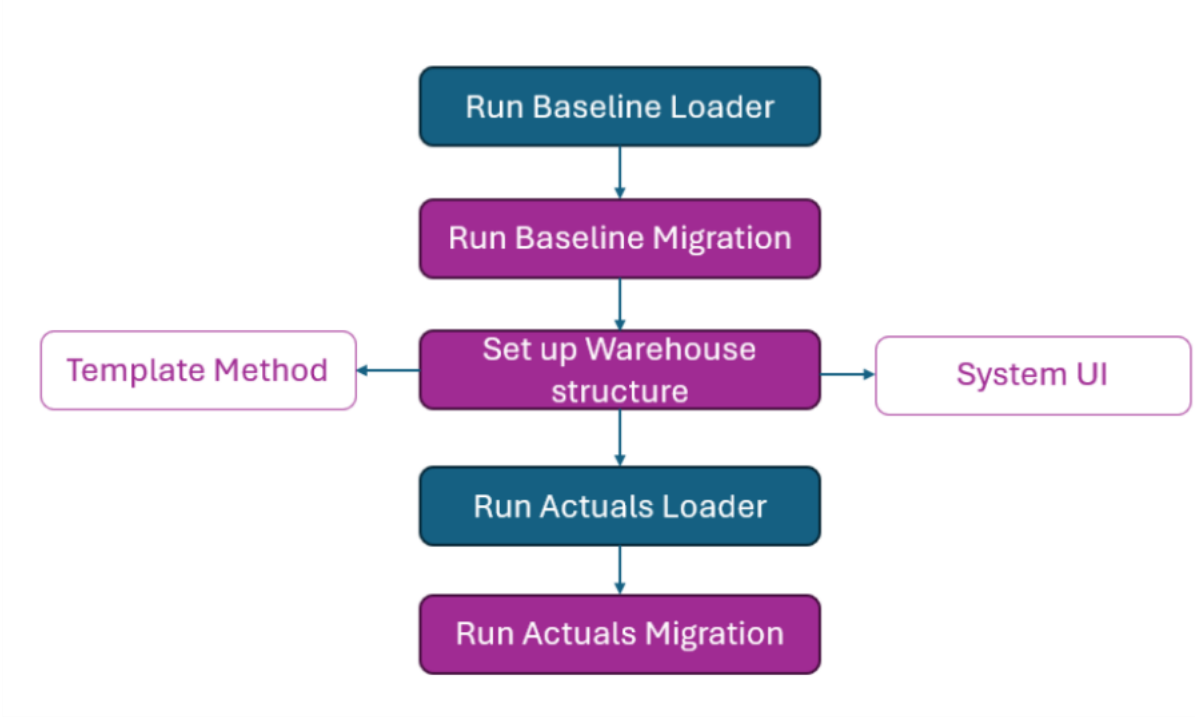
The IFS warehouse structure describes the physical layout across multiple hierarchical levels: site, warehouse, bay, row, tier, and bin. Each level can have attributes such as cubic capacity, handling unit capacity, carrying capacity, storage conditions, and controls like default part availability. These attributes apply to underlying levels unless overridden. Drop-off locations and put away controls, including automatic refill of put away zones and put away destination settings, can be configured at warehouse and bay levels to optimize inventory movement and storage

Following the completion of the baseline migration, it is essential for the customer or end user to configure the warehouse according to their specific operational requirements.
The following diagram indicates at which stage the warehouse should be created during the migration workflows.

4.1 New Customer Implementing ICAM

Approach 01

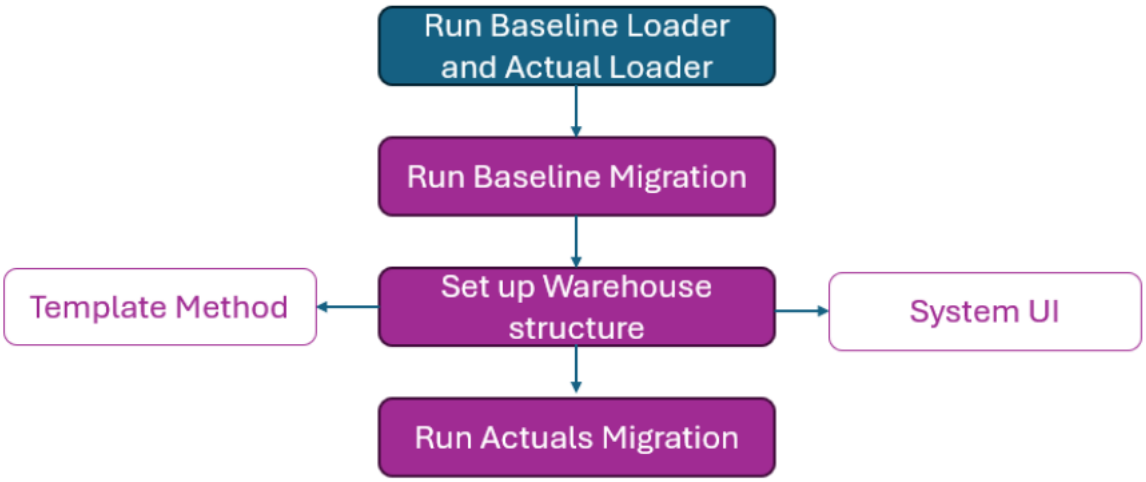
The first approach focuses on locking the baseline before loading actuals. In this method, the baseline data is loaded and migrated first, followed by setting up the warehouse structure. Only after the baseline is stable and validated do you proceed to load and migrate actuals. This phased process ensures that the foundational data is accurate, and the warehouse structure is properly established before introducing operational details, reducing the risk of inconsistencies later.



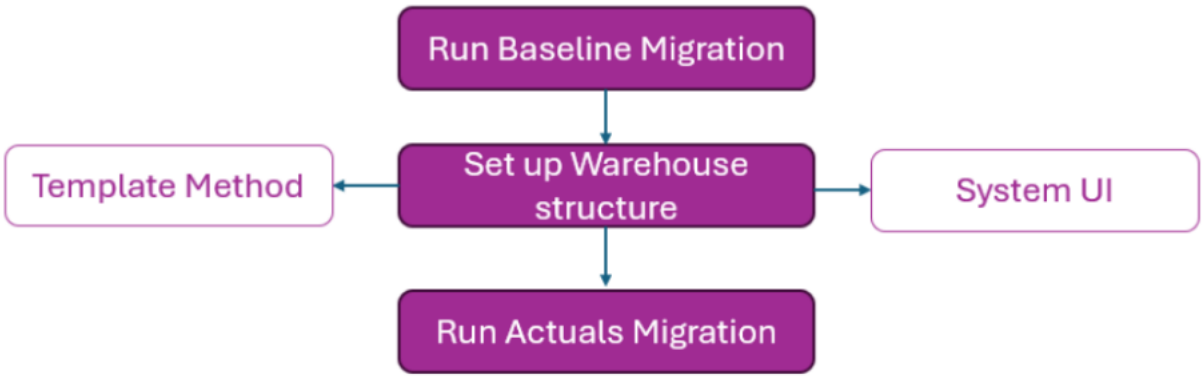
Approach 02

The second approach combines baseline and actuals loading upfront and leverages the IFS UI for validation. Here, both loaders run together, and data is reviewed directly through the system interface to identify and correct errors early. After this review, the warehouse structure is created,

and actuals migration is completed. This method accelerates the process and is ideal when UI-based checks can ensure data quality, allowing baseline and actuals to be handled in parallel rather than sequentially.



4.2 Existing Maintenix Customer Upgrading to ICAM



4.3 Warehouse Template

The Template for Migration has the following field:

Template Field	Description

Company	Company name/Organization name
Site	Site name/Airport name
Warehouse ID	Warehouse ID. For example, Arrival Bay, MainWH ** Suggestion: If the site has only 1 warehouse, add the warehouse name same as the site.*
Warehouse description	Short description for warehouse
Location	All stores. For example, Staging Areas, Docks, Bins, etc.
Location Original Code/Notes	*For existing customers:* The code mapped in Maintenix. *For new customers:* New Bins should be the same value as the corresponding location field.
Location description	Short description of the location
Location Group	location group field groups several locations with the same location type. Use prefilled basic data to fill. Changing prefilled basic data might affect other connected fields.
Bay*	
Row*	
Tier*	
Bin*	
Part Availability Control	Use prefilled basic data to fill. Changing prefilled basic data might affect other connected fields.

* The combination of the values of Bay, Row, Tier and Bin

5 Internal Migration of Supply Chain Actuals data to ICAM

The supply chain actuals data migration process is a critical phase in transitioning operational records from legacy systems to IFS Cloud. The following sequence ensures foundational inventory and tool data are loaded first, followed by dependent records such as kits, and orders. Each step is validated before proceeding to the next to maintain data integrity and operational readiness.

Business Area (IFS Cloud Supply Chain and Tooling)	Description
Warehouse Inventory	Migrate all inventory records, including serviceable, unserviceable, and items awaiting inspection, across all warehouses and supply locations and quarantine locations.

Tools	Migrate tool and equipment records, including tool IDs, serial numbers, and operational status.
serialized components	Migrate serialized part records for aircraft sub-assemblies including serial numbers, operational condition, ownership, and current position.
Batch-Controlled Items	Migrate batch-tracked part records, including lot/batch numbers and related inventory details.
Kits and Kits Content	Migrate kit containers and their component relationships, including kit serials, and component details which can be either serial or batch.

6 Verifying Data Migration Errors

After all data marts are run, it is possible to verify the logs by following below steps:

1. Confirmation of Migration job executions:

Navigation	**Solution Manager> Data Management> Data Migration> Execution History**

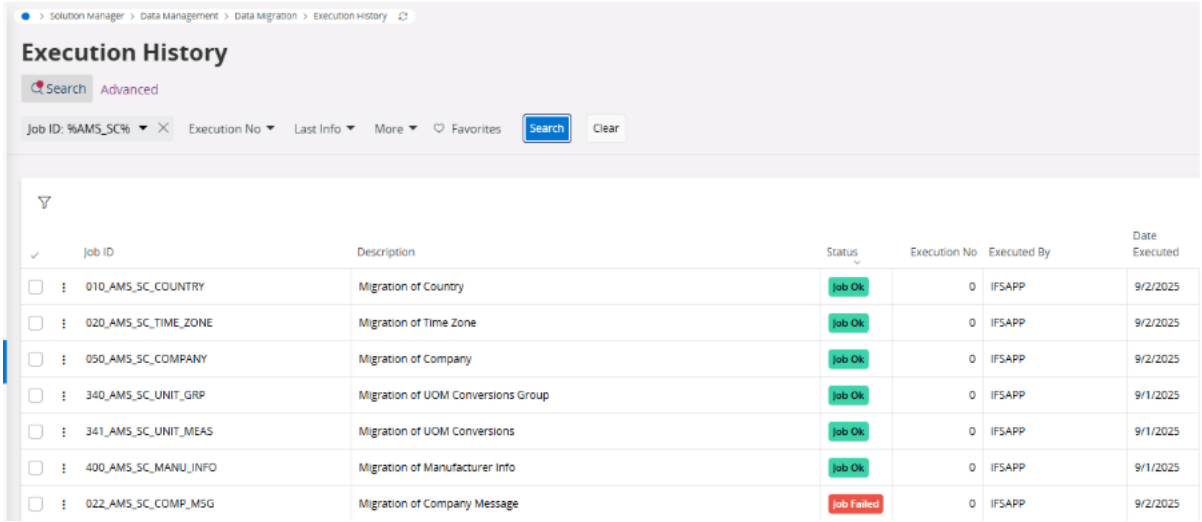
If the data migration job is executed without any errors, the status of the job should be “Job OK”. Check the status of all the jobs to ensure error-free migration.

2. Follow up on Errors:

If the job status is “Job Failed” then those migration errors should be corrected.

Navigation	**Solution Manager>Data Management>Data Migration> Execute job**

- Search and find the Jobs containing “AMS_SC" or "~AMS_SC"
- Check on the details tab and export the errors



7 Enhanced IFS Cloud Solution Setup

Customers with the support of IFS Consulting may choose to enable additional functionalities in Supply Chain or Tooling. They may also decide to purchase other IFS Cloud modules.
Data migration pertaining to those extra functionalities and/or modules are out of scope of this document.

8 Important Links

Baseline Loader Guide
Actuals Loader Guide
Templates