



Sirion
Product Documentation

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Introduction

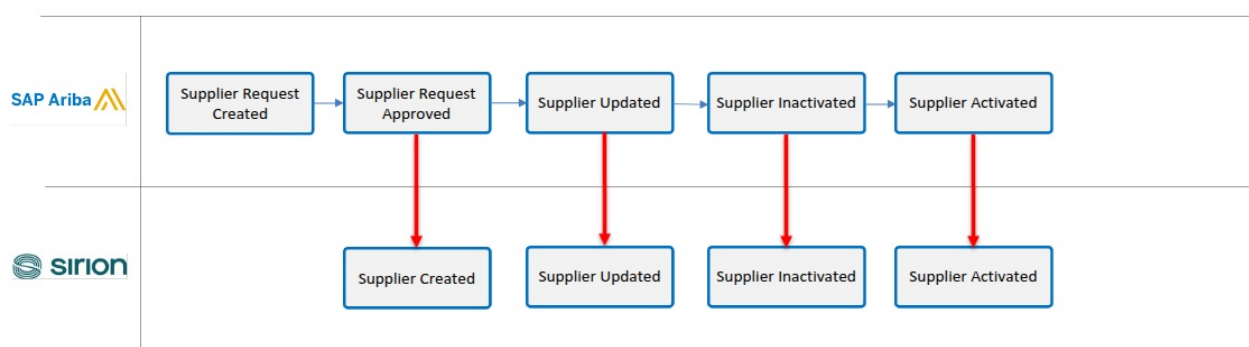
In a typical sourcing-to-contract lifecycle, supplier data plays a foundational role. Before a Contract Draft Record (CDR) can be generated in a Contract Lifecycle Management (CLM) system like Sirion, the corresponding supplier must already exist in the CLM repository. This ensures that contracts are always associated with an authenticated, approved, and compliant supplier entity, maintaining data integrity across the procurement process.

Many enterprises using SAP Ariba for sourcing manage supplier approvals and validations within Ariba Supplier Management or Vendor Master workflows. Once a supplier moves through this lifecycle and attains an approved status, the next step is to seamlessly make that supplier available within the CLM platform to initiate contracting activities without manual intervention or delay.

The Ariba–Sirion Supplier Sync accelerator provides a one-way integration that automatically synchronizes approved suppliers from SAP Ariba to Sirion. Once the supplier is onboarded in Ariba and becomes approved, the integration picks the record in the next scheduled run and creates or updates the corresponding counterparty in Sirion.

This avoids manual entry and ensures supplier data stays aligned across both systems before the contracting process begins.

Refer to the following image to understand the integration workflow between SAP Ariba Supplier and Sirion CLM.



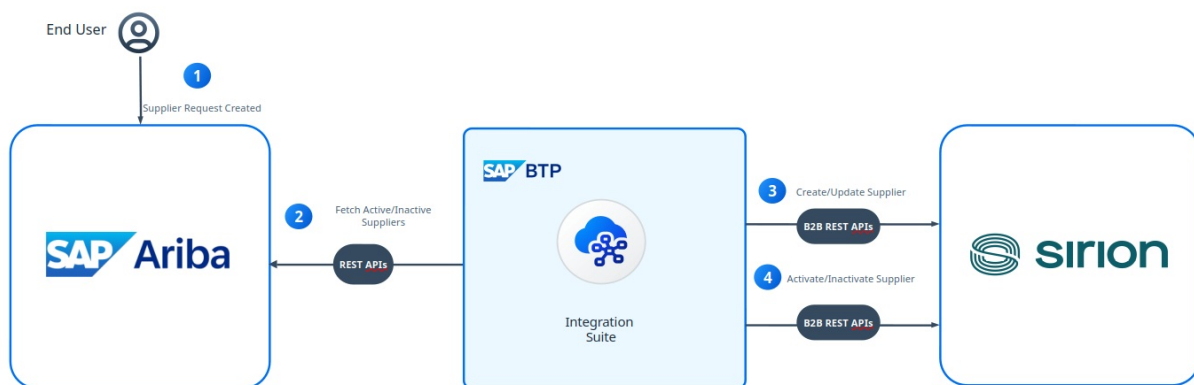
Business Use Case

Organizations using SAP Ariba for sourcing, bidding and procurement need Counterparty records available in Sirion to initiate contracting. This accelerator supports the following operations on Counterparty at Sirion:

- Create
- Update
- Inactivate/Deactivate

Once approved in Ariba, the Counterparty automatically appears in Sirion when the scheduled sync runs.

The following is a technical view of the data flow between the systems involved in the implementation:



Pre-requisites

- Access to SAP Ariba and Sirion
- Counterparty module enabled in Sirion
- Sirion Counterparty hierarchy must be disabled
- API licenses and access for both systems
- All fields used by this accelerator must be available and configured in Sirion.

User Guide

This guide is meant for business users who create, approve or manage suppliers in SAP Ariba and later verify their presence in Sirion.

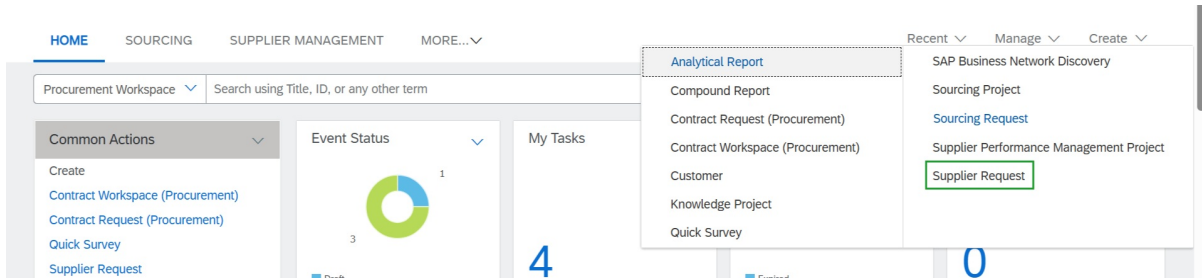
Process Overview

1. [Create supplier in Ariba](#)
2. [Complete the approval workflow](#)
3. Integration job runs on schedule
4. Supplier appears in Sirion as a counterparty

Create Supplier in Ariba

Perform the following steps to create a supplier in Ariba:

1. Open the SAP Ariba homepage.
2. Click **Create** and select **Supplier Request**.



3. Fill the required supplier information as per your intake form.
4. Click **Submit**.

Supplier request form

1 Supplier Information

1.1 Supplier Name *

1.2 Main Address *

Street *

Line 2

Line 3

City * Postal Code *

Country/Region *

State/Province/Region *

1.3 Contact First Name *

1.4 Contact Last Name *

1.5 Contact Email *

1.6 Contact Phone

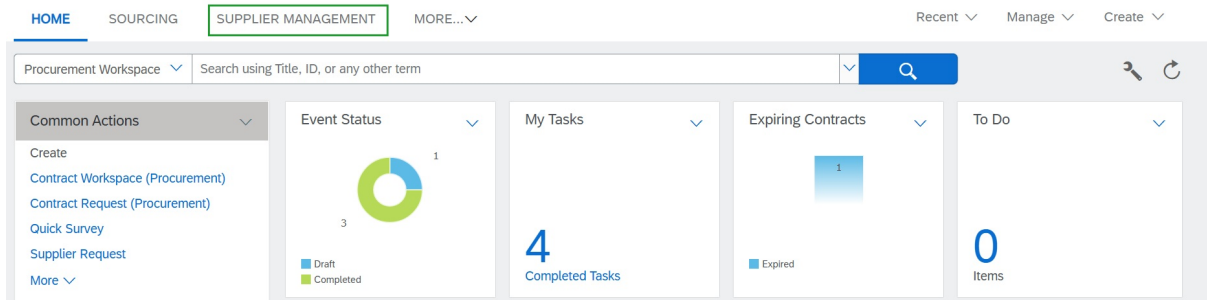
2 Additional Information

Submit Save Cancel

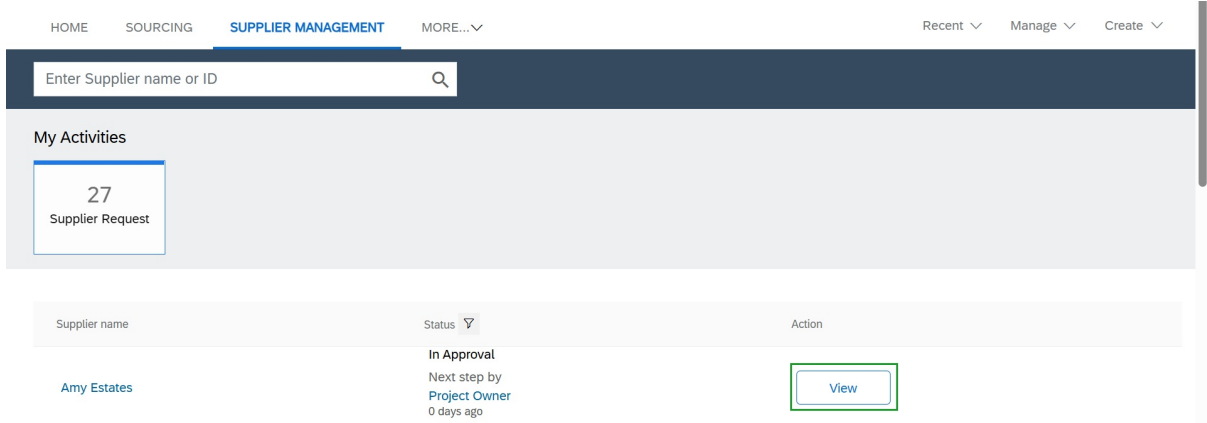
Approve the Supplier

Perform the following steps to approve a supplier in Ariba

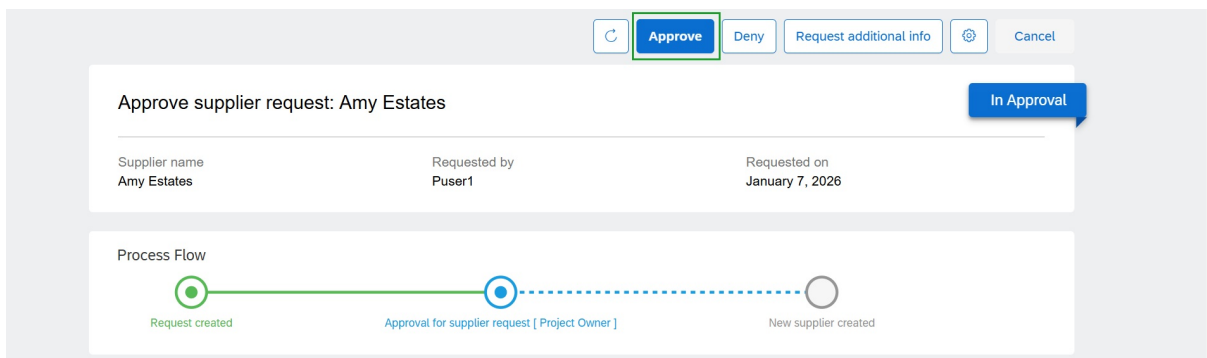
1. Go to **Supplier Management**.



2. Locate the newly created supplier and click **View**.

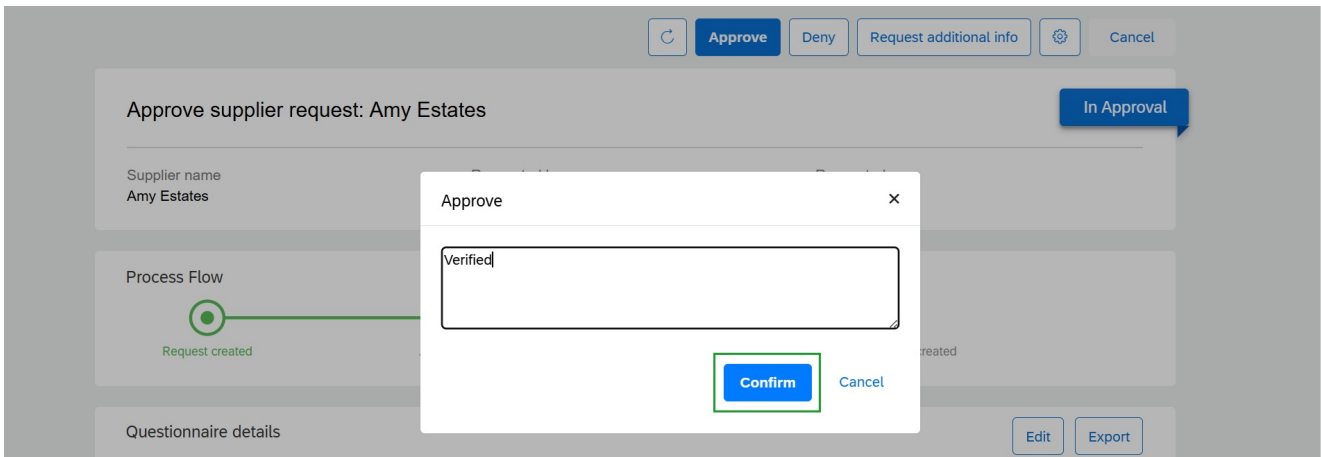


3. Click **Approve**.



4. Enter the approval reason and click **Confirm**.

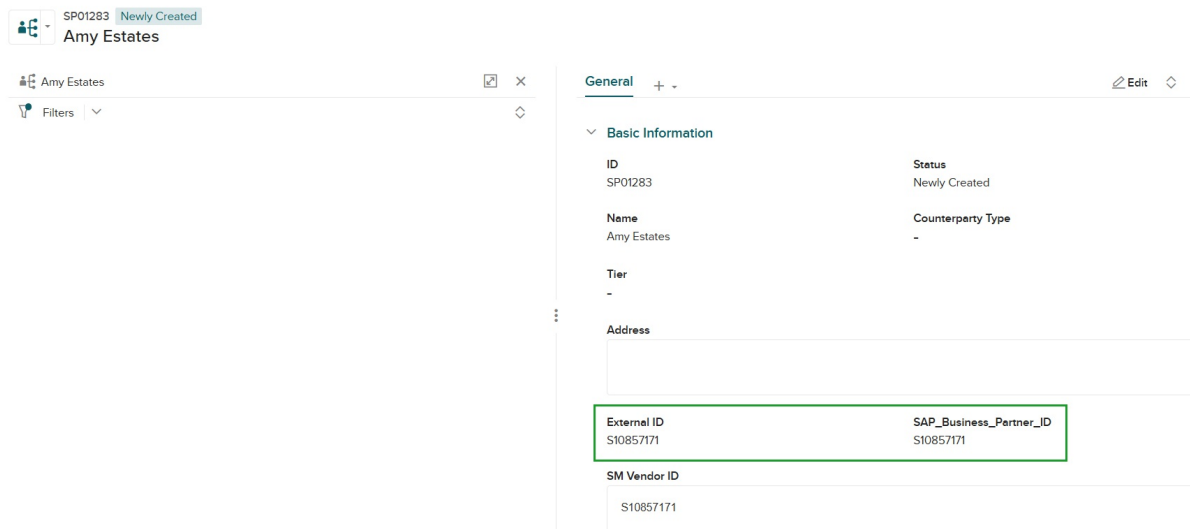
- Once approved, the supplier moves to the Approved stage. Only suppliers in this stage are synchronized to Sirion.
- You can onboard and approve any number of suppliers.
- Synchronization will occur based on your configured schedule.



Verify in Sirion

Perform the following steps to view counterparty in Sirion:

1. Go to the Counterparty module in Sirion.
2. Search using supplier name or vendor ID.
3. Confirm the synced fields.



Technical Guide

Intended Audience

This section is intended for technical teams and system integrators responsible for installing, configuring, and maintaining the accelerator within SAP Integration Suite.

It is specifically relevant for:

- Integration developers and architects
- Technical administrators managing iFlows and scheduled jobs
- Support teams who may need to understand, modify, or extend the delivered configuration

The content is not meant to be a step-by-step tutorial or a development guide. Instead, it provides a baseline understanding of the design approach and runtime behavior, enabling teams to independently maintain or enhance the solution based on their business requirements.

Scope

The scope of this section is to explain how the accelerator functions at a high level from a technical and design perspective.

This includes:

- How the accelerator is deployed and operated within SAP Integration Suite
- The use of scheduled jobs to trigger data synchronization
- The delta-based data extraction logic, which ensures only incremental changes are processed
- The overall intent and design principles followed while building the accelerator

This section does not cover:

- Business process configuration
- Custom development or extension steps
- Detailed troubleshooting or operational runbooks

The goal is to inform and educate technical teams about what runs in the accelerator, how it has been designed, and what assumptions are built into it—so ownership, maintenance, and future enhancements can be handled independently.

Design Overview

The accelerator operates using scheduled execution within SAP Integration Suite.

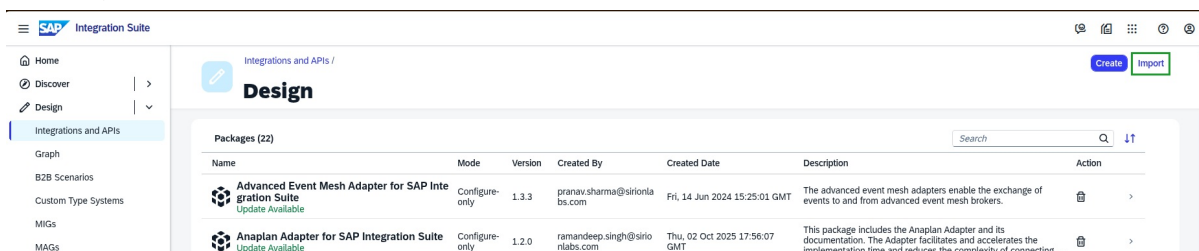
- Each run is triggered based on a configured schedule.
- The accelerator uses delta logic to identify and process only relevant data changes.
- During every execution, the system looks for supplier records modified since the last successful run.
- This approach avoids full data loads and ensures efficient, incremental synchronization.

The design follows standard integration best practices and serves as a reference implementation. Customers are free to adjust field mappings, handle additional edge cases, or extend functionality to align with specific business needs.

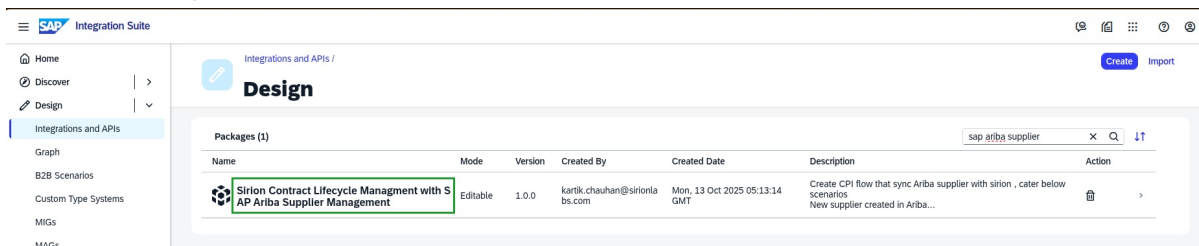
Import the Package

Perform the following steps to import the accelerator package:

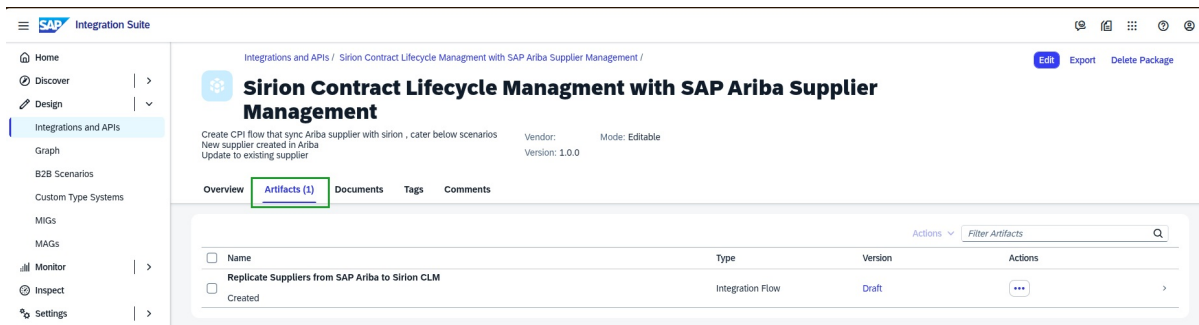
1. Login to SAP Integration Suite.
2. Go to **Design** ► **Integration and APIs**.
3. Click **Import**.



4. Upload the provided ZIP package.
5. After the package is imported, search for **Sirion Contract Lifecycle Management with SAP Ariba Supplier Management** and click to open it.



6. Click **Artifacts**. The artefacts (iflow, mapping files, configuration items) will appear.



Create Security Credentials

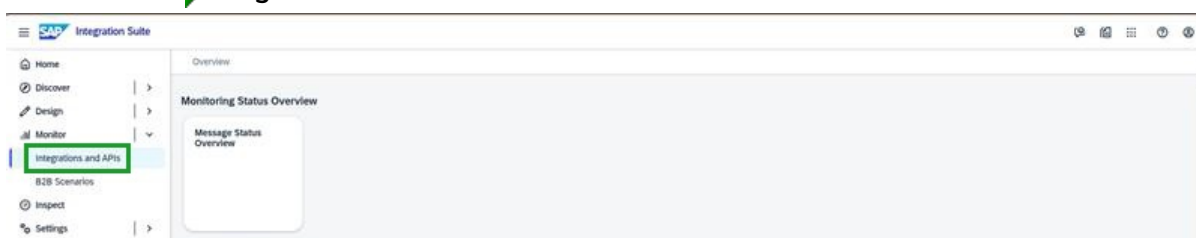
This solution uses Sirion and Ariba APIs with OAuth-based authentication. OAuth must be configured for both Sirion and Ariba using environment-specific credentials.

Two OAuth credential entries must be created to enable API communication:

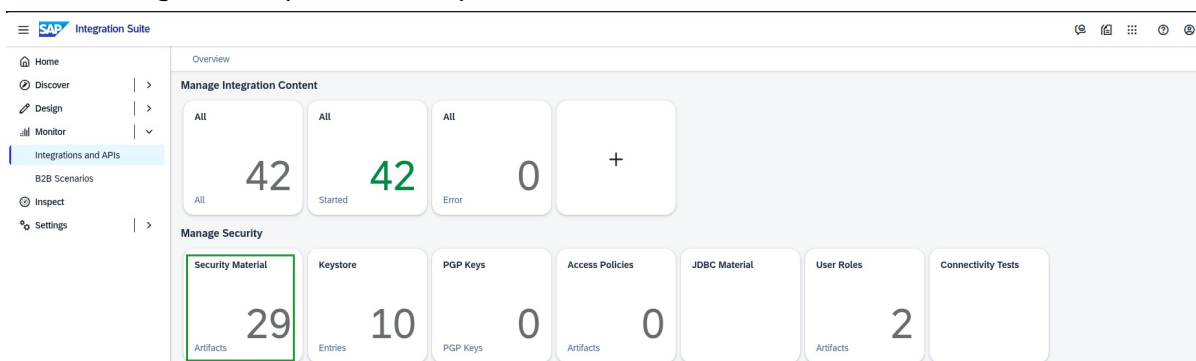
- **One for SAP Ariba:** The required OAuth credentials should be obtained from your organization's Ariba system owner.
- **One for Sirion:** The OAuth credentials will be provided by the Sirion team.

Perform the following steps to create security credentials for both systems:

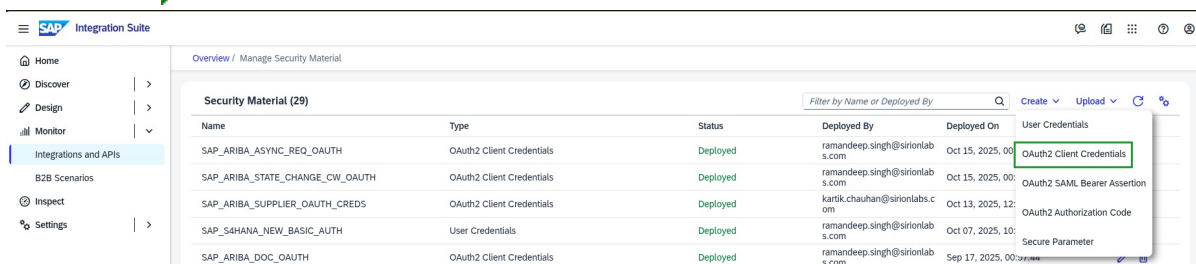
1. Go to **Monitor** ► **Integration and APIs**.



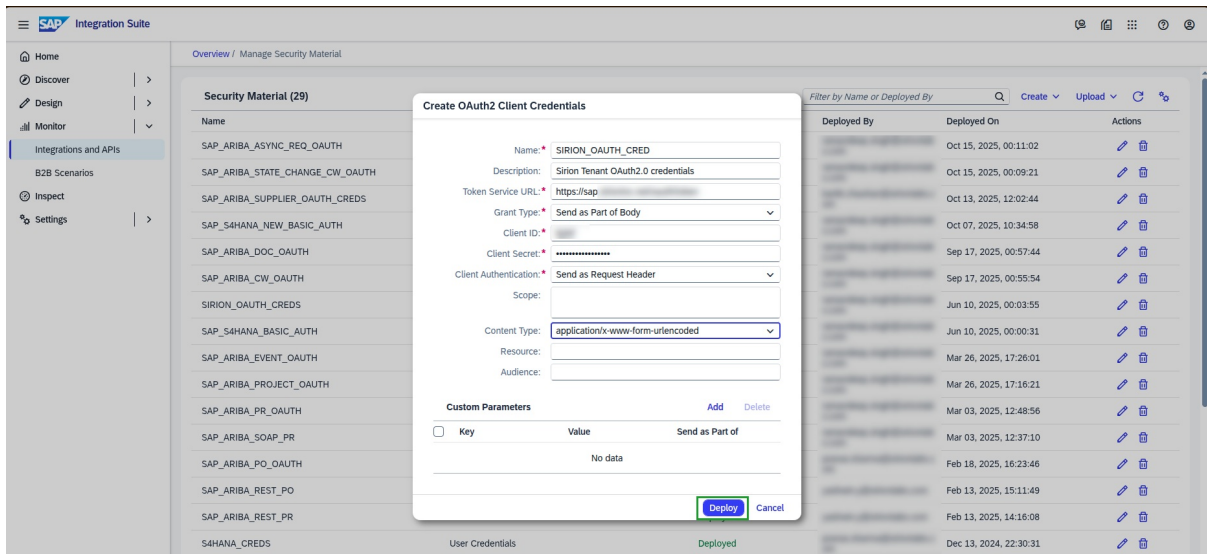
2. Under **Manage Security**, click **Security Material**.



3. Click **Create** ► **OAuth2 Client Credentials**.



4. Enter the required details and click **Deploy**.



The screenshot shows the 'Create OAuth2 Client Credentials' dialog box in the SAP Integration Suite. The dialog is open over a 'Security Material (29)' list. The fields in the dialog are:

- Name: SIRION_OAUTH_CRED
- Description: Sirion Tenant OAuth2.0 credentials
- Token Service URL: https://sap
- Grant Type: Send as Part of Body
- Client Secret: [Masked]
- Client Authentication: Send as Request Header
- Content Type: application/x-www-form-urlencoded
- Resource: [Empty]
- Audience: [Empty]

At the bottom of the dialog, there is a 'Custom Parameters' section with a table:

Key	Value	Send as Part of
No data		

The 'Deploy' button is highlighted in green.

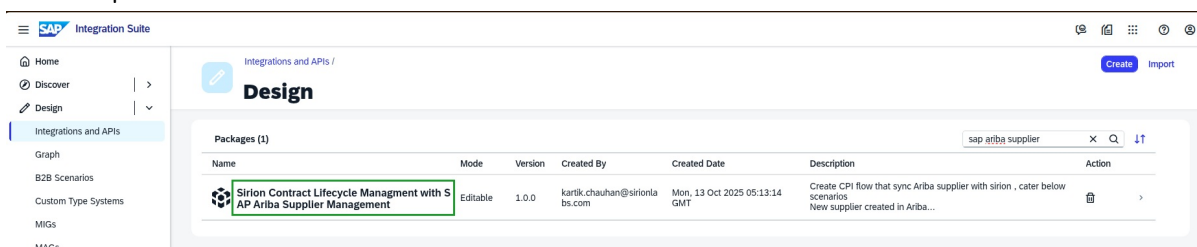
5. Repeat the same steps for the second system.

These credential names will be referenced later in the iflow configuration.

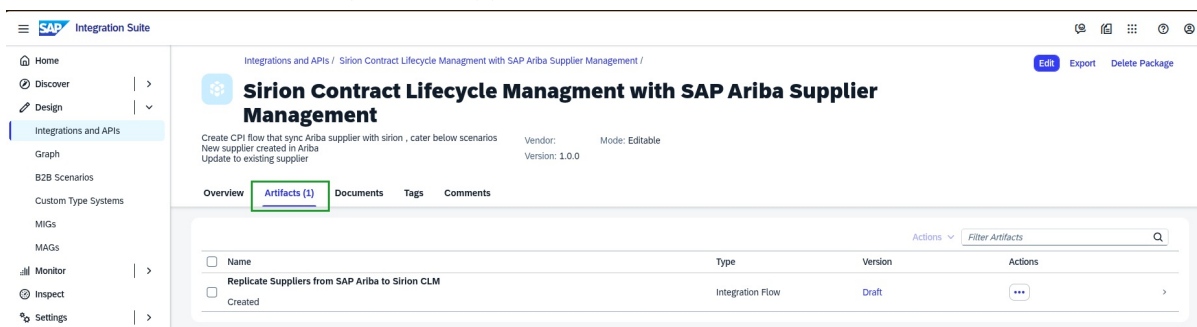
Configure the iFlow

Perform the following steps to configure the iFlow

1. Go to **Design** ► **Integration and APIs**.
2. Search for **Sirion Contract Lifecycle Management with SAP Ariba Supplier Management** and click to open it.



3. Click **Artifacts** and select **Replicate Suppliers from SAP Ariba to Sirion CLM**.

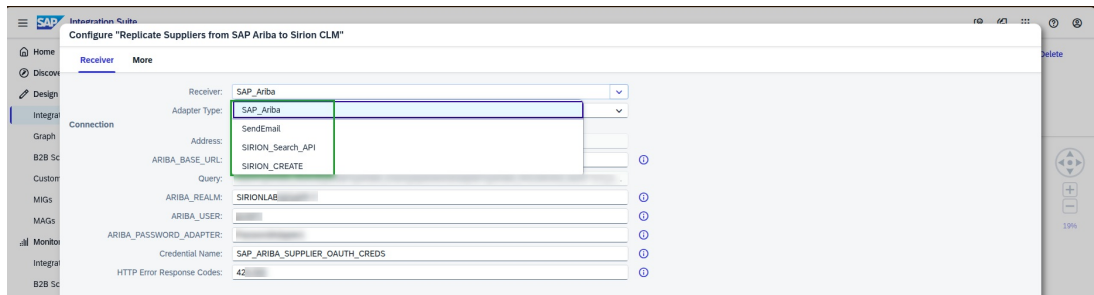


4. Click **Configure**.



5. Under **Receiver**, open each drop-down option one by one and complete the configuration for the following:
 - a. **SAP_Ariba**
 - b. **SendEmail** (used to receive error notifications)
 - c. **Sirion_Search_API**

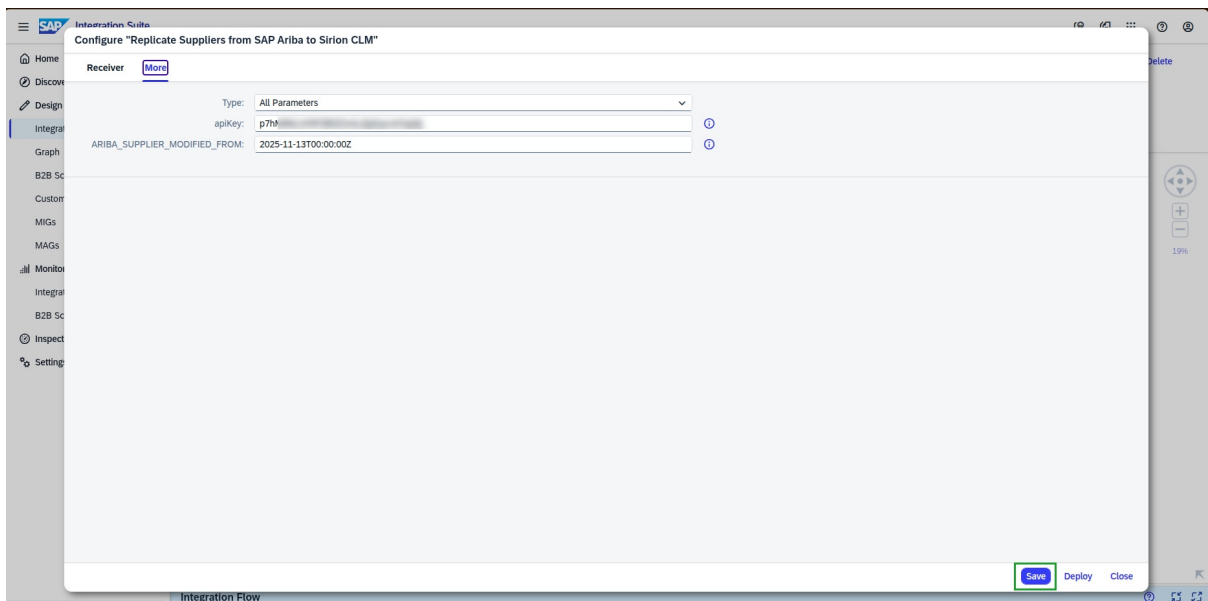
d. Sirion_Create



6. Click **More** and enter a date under **ARIBA_SUPPLIER_MODIFIED_FROM**. This date controls how far back the first run should fetch supplier records.

If you enter a very old date, the first sync may take longer due to the larger dataset.

7. Click **Save** to apply the configuration.



Field Mapping

There are two mapping blocks in the accelerator:

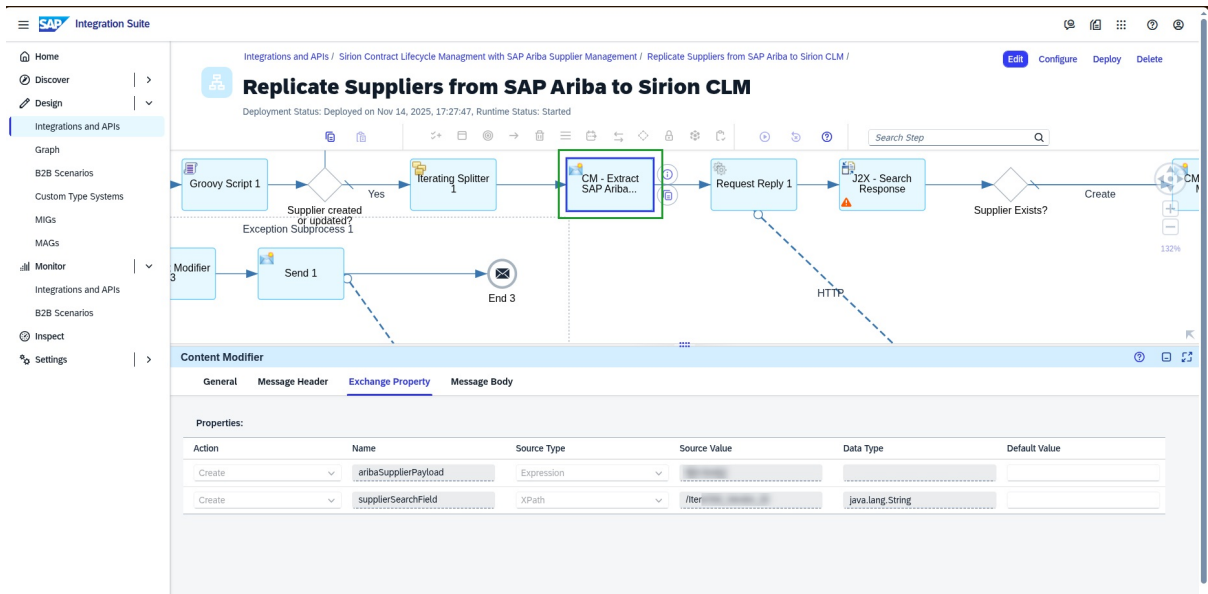
- **SAP Ariba Fields** – Defines which fields are extracted from the Ariba payload
- **Sirion Fields** – Defines how these extracted values map to Sirion’s counterparty schema

SAP Ariba Fields

The accelerator is designed to support the commonly used fields of SAP Ariba. If a specific use case or business requirement requires modifications, the developer must update the field mapping by following the steps outlined below.

Perform the following steps to add or modify SAP Ariba fields:

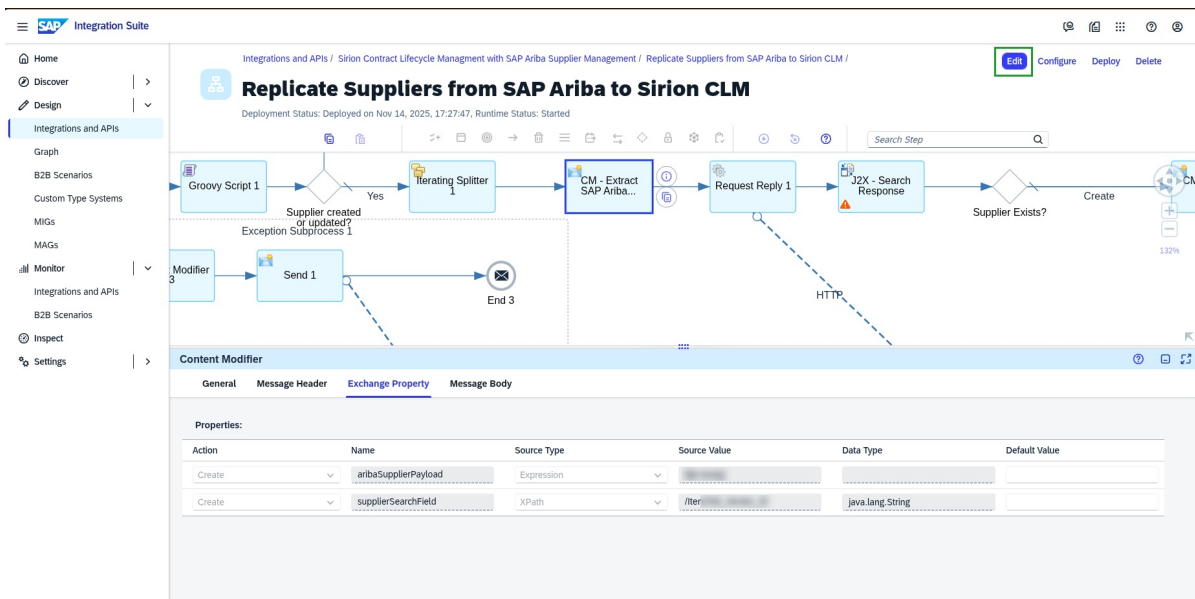
1. In the iFlow, click **CM-Extract SAP Ariba Fields** block.



The screenshot shows the SAP Integration Suite iFlow editor for the process 'Replicate Suppliers from SAP Ariba to Sirion CLM'. The 'CM-Extract SAP Ariba Fields' block is highlighted with a green box. Below the flow, the 'Content Modifier' panel is open, showing the 'Exchange Property' tab with a table of field mappings.

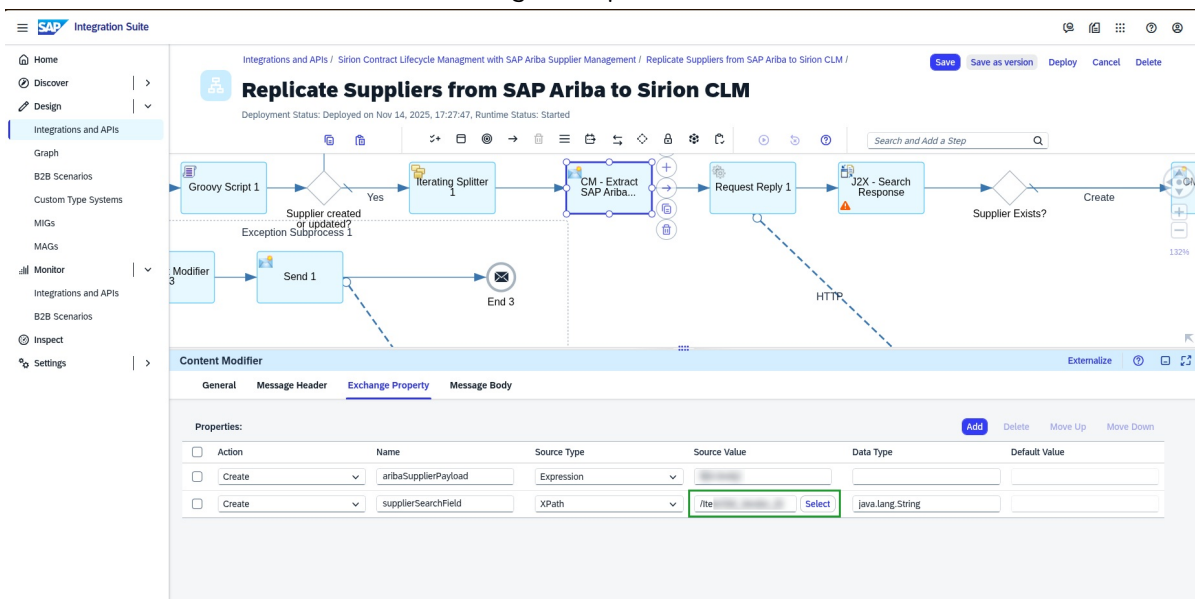
Action	Name	Source Type	Source Value	Data Type	Default Value
Create	aribaSupplierPayload	Expression			
Create	supplierSearchField	XPath	/Ret...	java.lang.String	

2. Click **Edit**.

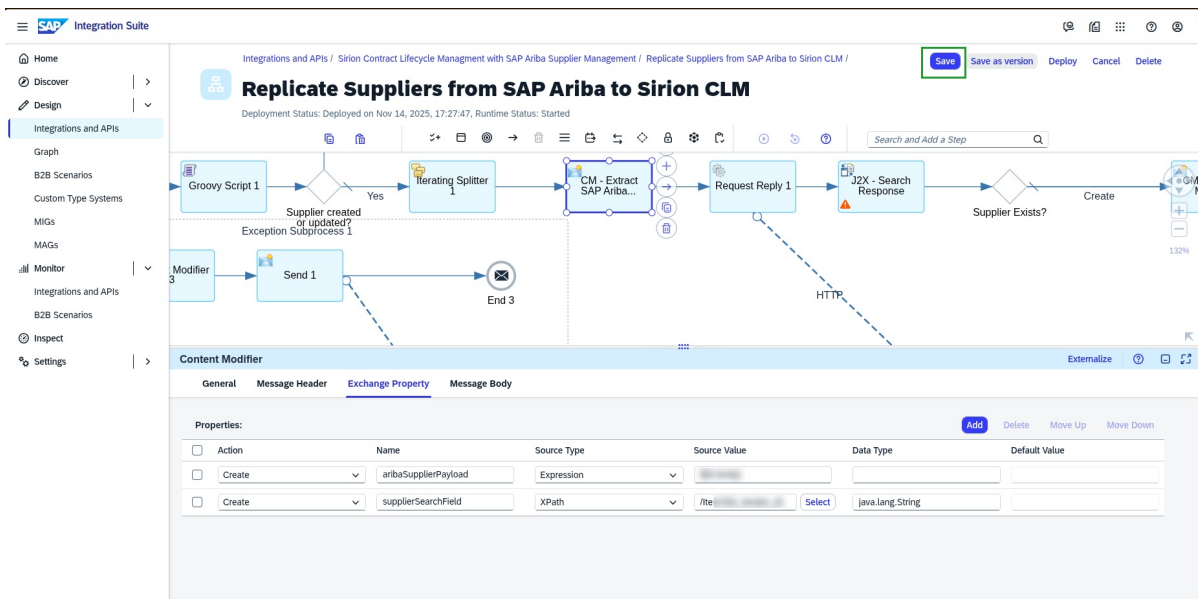


3. Open the **Exchange Property** tab.

4. Update the **Source Value** field for **searchSupplierField** to the field used to search for a supplier in Sirion. If both fields are the same, no change is required.



5. Click **Save**.

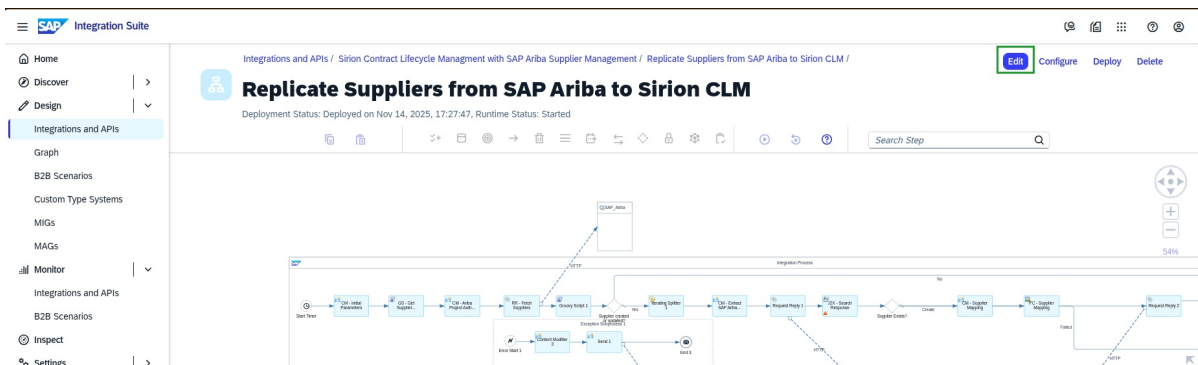


Sirion Fields

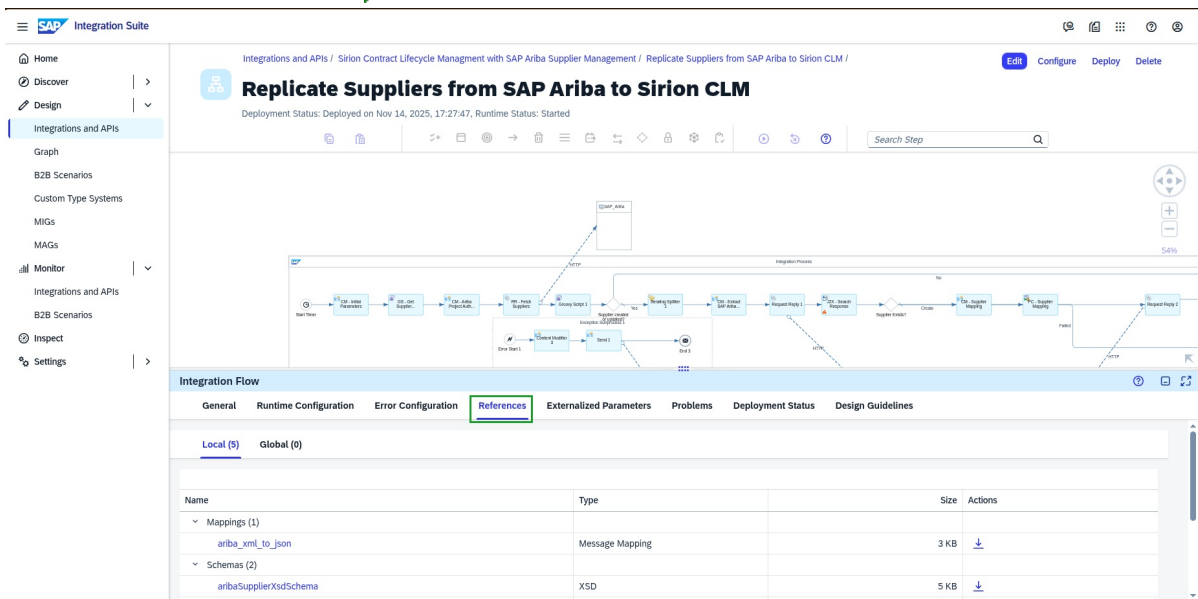
The details of the fields configured for your tenant will be shared by the Sirion SPOC and should align with the configuration outlined below. If there are any changes required in the field mapping, the user or developer can update the configuration by following the steps provided below.

Perform the following steps to update the mapping between Sirion and SAP Ariba fields:

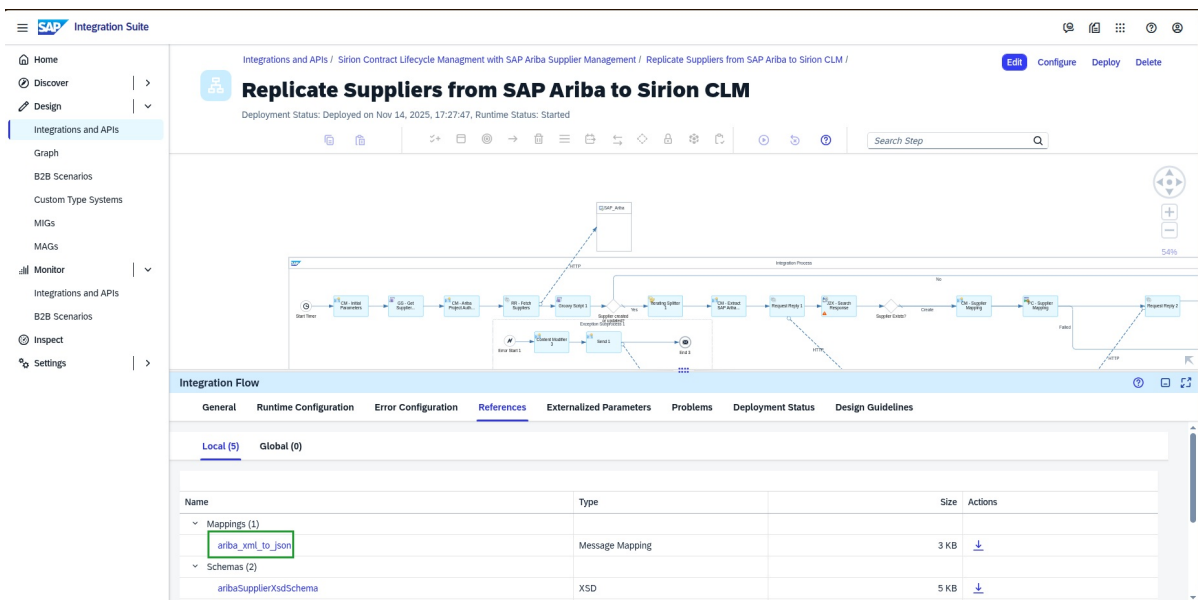
1. Open the relevant iFlow and click **Edit**.



2. Navigate to **Integration Flow** ► **References**.

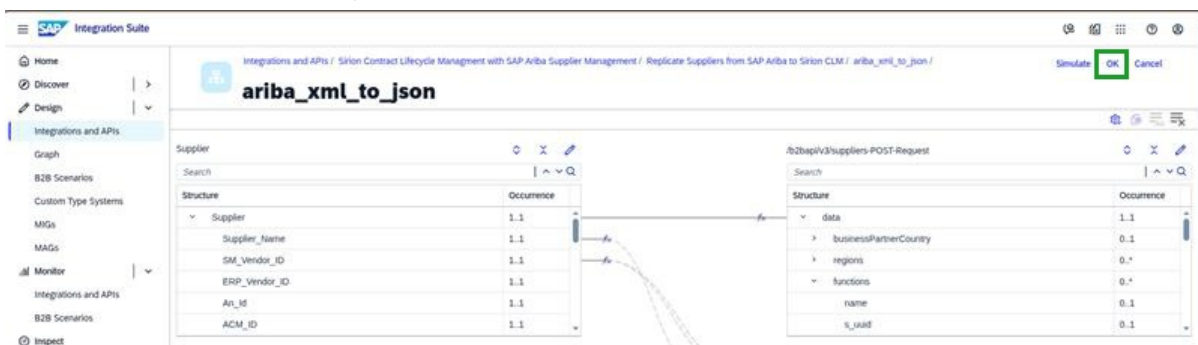


3. Select **ariba_xml_to_json**.

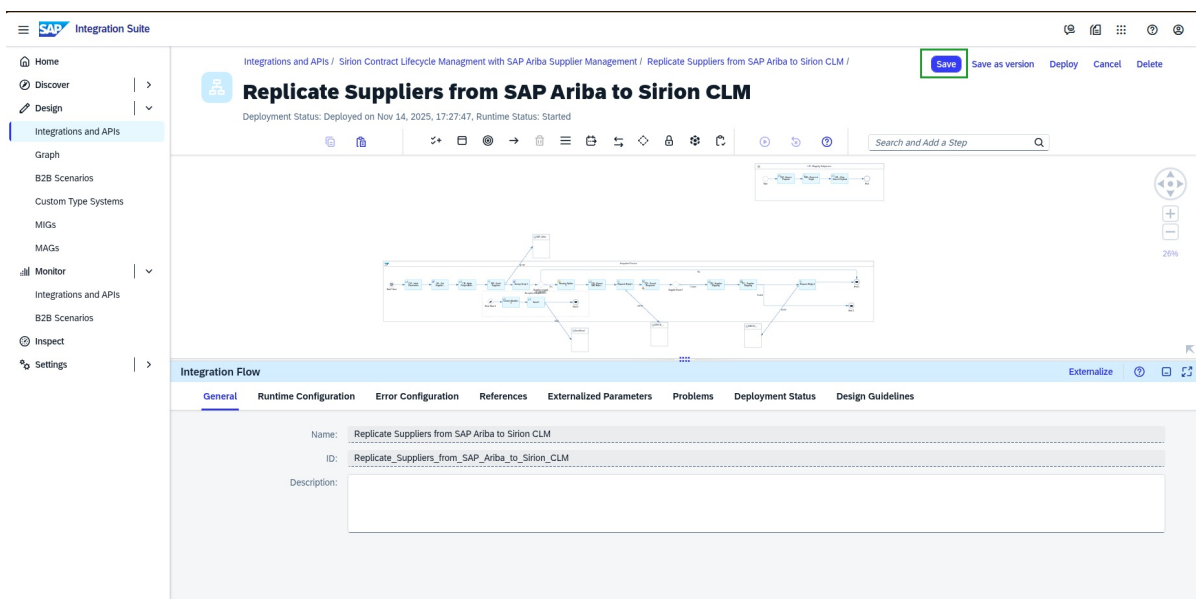


4. Update the required mappings between SAP Ariba fields and Sirion fields.

5. Click **OK** to confirm the changes.



6. Click **Save**.



7. Click **Deploy** to apply and activate the updated configuration.

Field Mapping

S.No	SAP Ariba Field Name	Sirion Supplier Field Name
1.	Supplier Name	Name
2.	SM Vendor ID	SM Vendor ID
3.	SM Vendor ID	SAP_Business_Partner_ID
4.	SM Vendor ID	External ID