



Taulia Integration Flow Configuration Guide

TAULIA ENGINEERING TEAM

DOCUMENT HISTORY

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SUMMARY

The purpose of this document is to describe the general configuration steps required to manually set up the integration for SAP ERP or S/4HANA with Taulia cloud platform.

OVERVIEW

The Taulia integration flow can be configured to integrate your backend on-premise systems in SAP ERP or SAP S/4HANA that has our Taulia SAP Add-on installed to connect to our Taulia platform.

This package and integration flow will direct the flow of all Taulia API transactions from your back-end systems to our Taulia platform through SAP Integration Suite.

The integration flow is provided as an artifact in the integration package *SAP ERP and SAP S/4HANA Integration with Taulia* in SAP Cloud Integration, available in SAP API Business Hub (<https://api.sap.com>). You can access the integration package from the catalogue page in the Discover section on the SAP Integration Suite.

PREREQUISITES

Before configuring the Taulia integration flow, please make sure the following prerequisites have been met:

1. The Taulia SAP Add-on solution has been installed and configured on your backend on-premise system.
 - a. Taulia SAP Add-on components:
 - i. TAULIA and TAUCC, version 4.0 or higher
 - ii. Refer to OSS note [336387](#) for more details
 - b. The minimum backend on-premise system version supported is ECC 6.0.
 - c. Access credentials are provided and configured on the Add-on to connect to the Taulia cloud platform. Contact your Taulia representative for more information.
2. The Taulia Platform certificate(s) have been acquired.
 - a. Retrieve the certificate(s) from the URLs listed under item no. 4
3. Upload the Taulia Platform certificate(s) to your Cloud Integration Keystore which is found in the Monitor section.

Note: Take note of the expiration date(s) of the certificate(s)
4. You can test the Taulia Platform connection in Connectivity Tests tile under the Monitor section. Host names are as follows:
 - a. For quality:
buyerintegration.staging.taulia.com
 - b. For production:
buyerintegration.taulia.com (NA)
buyerintegration-eu.taulia.com (EU)

CONFIGURATION

Note: Configuration for the Taulia integration flow in SAP Integration Suite is the same for SAP ERP and SAP S/4HANA backend on-premise system. All transactions are outbound from the backend system; therefore, Cloud Connector is not required.

Receiver authentication:

Taulia authenticates transactions based on 2 message header values passed by the caller.

- API key – which uniquely identifies the customer account
- Signature – is an encrypted string that is used to verify the shared secret key between the caller (backend) and Taulia cloud platform. Its purpose is to securely validate the customer's identify and intended API usage (via HTTP verb and target URL). This signature value is unique for each call.

These 2 values are generated automatically by the Add-on and no additional configuration is required in SAP Integration Suite.


Exception handling:

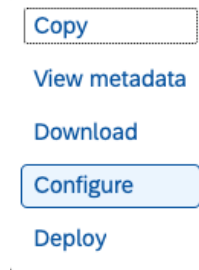
Our integration flow is a pass through and does not contain any customized exception handling. In case of timeout, the standard HTTP 500 timeout error will appear inside Cloud Integration Monitor. In case of payload size exceeding the limit, a standard HTTP 500 error will also appear inside Cloud Integration Monitor. In the backend system, the Add-on will detect HTTP errors and data will be retransmitted automatically (no data loss and no manual data reprocessing required).

The following steps cover how to set up and configure the Taulia integration flow for transactions to successfully flow from backend SAP system to Taulia Platform:

1. Logon to your SAP Cloud Integration tenant as an administrator.
2. Navigate to the Discover section to see all the published integration packages.
3. Select the following integration package and click *Copy*:
 - a. *SAP ERP and SAP S/4HANA Integration with Taulia*
4. Navigate to the Design section and click on the Taulia integration package.

TAULIA

- Click on the Artifacts tab.
- Next to the following integration flow, click the Actions icon  and select Configure.
 - Integrate SAP ERP or SAP S4HANA to Taulia cloud platform*



- Configure the following values if needed. Otherwise, use the default values

Parameter Name	Default Value	Remarks
SessionReuse	onIntegrationFlow	SAP Blog
TransHandling	Not Required	SAP Blog
UserRole	ESBMessaging.send	You can define your own user role for the iFlow

Note: If you define a user role other than the default, you must create the role in Manage User Roles tile under the Monitor section. The role must also correspond to the service key created for your instance in your BTP Cockpit.

- After you finish configuring the values, click on Save and then click Deploy.
- After the integration flow is deployed, the integration endpoint can be found in the tile under Monitor section and under the Manage Integration Content heading.

The endpoint will look similar to the following:

https://<CI tenant>.hana.ondemand.com/http/TAUDIR_TO_Platform

- You are now ready to test the integration

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