

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

Integration Guide

SAP Build Process Automation Integration with SAP SuccessFactors
and SAP S/4HANA to create Social Security Certificate

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Overview

This document provides information about configuration steps to setup the integration content to consume the content package SAP Build Process Automation Integration with SAP SuccessFactors and SAP S/4HANA to Create Social Security Certificate. This workflow allows employees to create a request for the Social Security Certificate's form and prerequisite is to get the necessary employee data from SAP SuccessFactors, and then, extract the company data from either SAP S/4HANA or SAP ERP Central Component (ECC).

Required SAP Business Technology Platform Services

The SAP Build Process Automation content package Create Social Security Certificate is intended to be used for SAP S/4HANA (on-premises) and requires the following services in SAP Business Technology Platform:

- SAP Build Process Automation
- SAP Integration Suite
- SAP Connectivity service
- SAP Business Application Studio
- SAP Application Runtime Service
- SAP Work Zone, standard or advanced
- SAP Cloud Identity Services - Identity Authentication (optional)
- SAP SuccessFactors

Configuration for Integration Content

This section will explain how to setup the integration content that is required for the SAP Build Process Automation content packages **SAP Build Process Automation Integration with SAP SuccessFactors and SAP S/4HANA to Create Social Security Certificate**.

Configure and deploy Integration Suite content

This workflow content requires Integration Suite to process the – Treasury Payment Request in SAP S/4HANA. The integration content package [SAP Build Process Automation Integration with SAP SuccessFactors and SAP S/4HANA to Create Social Security Certificate](#) is available in SAP API Business hub to integrate SAP Build Process Automation with SAP SuccessFactors and SAP S/4HANA (Cloud or OnPremise). Integration models use Odata service to integrate with SAP ERP central component.

The following integration models are available in this package

1. CompanyDataQuery

Retrieve Company Business Partner data from either SAP S/4HANA or SAP ECC.

2. EmployeeAddressQuery

Retrieve the Employee address data from the SAP SuccessFactors.

3. EmployeeEmailIDQuery

Retrieve the Employee email data from the SAP SuccessFactors.

4. EmployeeFirstLastNameQuery

Retrieve the Employee personal data from the SAP SuccessFactors.

Import the integration package to your SAP Integration Suite tenant as mentioned on the setup guide. To be able to import and deploy integration flows, you need the role AuthGroup.IntegrationDeveloper (in Neo environment) or PI_Integration_Developer (in cloud foundry environment) assigned in your tenant.

Deploy Credentials

- Navigate to the Monitor view (<https://<integrationtenant>/itspaces/shell/monitoring>) to setup the security materials required for the package.
- Deploy the following credentials using the Security Material app.
 - **S4HANA** – (User Credentials) To call the Business partner APIs in SAP S/4HANA. Make sure that the user has the relevant communication scenarios as mentioned in section Configure SAP S/4HANA Communication User.

Name	User Credential Name
Type	“User Credentials”
User	SAP S/4HANA Communication User ID
Password	SAP S/4HANA Communication User Password

- **ECC** – (User Credentials) To call the Business partner APIs in SAP ECC.

Name	User Credential Name
Type	“User Credentials”
User	SAP ECC User ID
Password	SAP ECC User Password

- **SuccessFactors** – (User Credentials) To call the Employee APIs in SAP SuccessFactors.

Name	User Credential Name
Type	“SuccessFactors”
User	SAP SuccessFactors User ID
Password	SAP SuccessFactors User Password
Company ID	SAP SuccessFactors Company ID

- Similarly, configure the other integration model and deploy them.

Note: The credential names can be different from what is mentioned above. Make sure that you configure the appropriate credential names in the integration flow’s HTTP adapter configuration.

Configure Adapters

SAP SuccessFactors Adapter Configuration

- Open the integration model EmployeeAddressQuery.
- Click the configure button, choose receiver “SAP_SuccessFactors” and set the required destination name

Name	Default Value
SFSF_EC_BASE_URL	https://<SFSF_EC_API_URL>
SFSF_EC_LOGON_CREDENTIALS_NAME	SFSF_EC_CREDENTIALS

SFSF_EC_BASE_URL	SAP SuccessFactors API endpoint URL server. Please check here for details.
SFSF_EC_LOGON_CREDENTIALS_NAME	SAP SuccessFactors logon credentials from Security Material

- Deploy the integration model.
- Configure similar parameters for other integration models EmployeeEmailIDQuery and EmployeeFirstLastNameQuery.

SAP S/4HANA HTTP Adapter Configuration

Open the integration model CompanyDataQuery.

- Click the configure button, choose adaptor type “OData” and set the required destination name with “On-Premises” proxy type.

Name	Default Value
CloudCC_LocationID	CloudCC_LocationID
SAP_ECC_Credentials	SAP_ECC_CREDENTIAL
SAP_ECC_URL	SAP_ECC.url

CloudCC_LocationID	“locationID”, only if configured in the Cloud connector Setup.
SAP_ECC_CREDENTIAL	SAP S/4HANA On-Premises Credentials configured in <i>Security Material</i>
SAP_ECC.url	<Host><Port>/sap/opu/odata/SAP/ZSOV_BP_SRV/

- Deploy all the integration models.