

Introduction

This document provides an overview of the integration that replicates employee data from SAP SuccessFactors Employee Data to SAP Concur.

This is a file-based integration that optionally generates the following SAP Concur records:

- 305: Employee Import
- 320: Update ID Information Import
- 350: Travel Addendum Import

Purpose

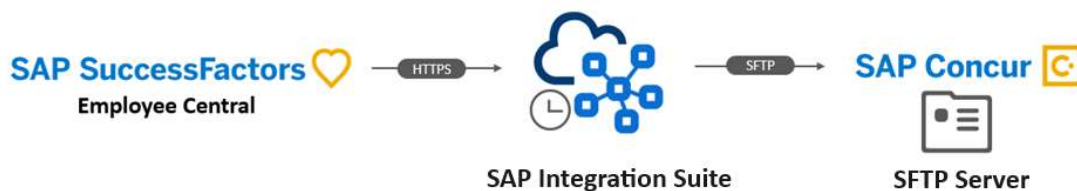
The SAP SuccessFactors Employee Data to SAP Concur integration's primary function is to replicate the employee data, on a delta-basis, from SAP SuccessFactors to SAP Concur.

The integration runs on the SAP Cloud Integration, fetching any employee data updates regularly, using the SAP SuccessFactors OData APIs.

The employee data is then transformed and mapped to the expected SAP Concur format, being PGP encrypted at the end.

Architecture

The integration architecture can be seen in the image below.



Configuration Guide

All relevant parameters have been externalized in the integration flow.

Timer: This parameter defines how often the integration will run.

Timer Receiver More

Timer:

Run Once

Schedule on Day

Schedule to Recur

SAP SuccessFactors API details: These are the SuccessFactors API details.

Timer **Receiver** More

Connection	Receiver:	SF_EC
	Adapter Type:	SuccessFactors
	Address:	<SFSF API URL>
	Authentication:	OAuth2 SAML Bearer Assertion
Processing	Credential Name:	<SFSF Credential>
	Retry on Failure:	<input checked="" type="checkbox"/>
	Timeout (in min):	1

SAP Concur SFTP details: These are the SAP Concur SFTP details

Timer **Receiver** More

Target	Receiver:	SFTP
	Adapter Type:	SFTP
	Directory:	<Concur SFTP Directory>
	Address:	<Concur SFTP Address>
	Proxy Type:	Internet
	Authentication:	User Name/Password
	Credential Name:	<Concur SFTP Credential>
	Timeout (in ms):	10000
Processing	Maximum Reconnect Attempts:	3
	Reconnect Delay (in ms):	1000
	Automatically Disconnect:	<input type="checkbox"/>
	Handling for Existing Files:	Override

Miscellaneous Parameters: Remaining external parameters relevant for the integration.

Type:	All Parameters
Concur Entity Code:	<Mandatory - Concur Entity Code>
FTSD:	<Mandatory for initial load> E.g.: 2024-01-01T00:00:00.000
Generate File 305:	true false
Generate File 320:	true false
Generate File 350:	true false
Logging Enabled:	true false
PGP Encryption:	true
PGP_Alg:	AES
PGP_Armored:	<input checked="" type="checkbox"/>
PGP_Compression:	ZLIB
PGP_Int:	<input checked="" type="checkbox"/>
PGP_SecretKey:	128
PGP_Signature:	NoSignature
PGP_User:	ConcurSolutions (Integrations)
Relevant Company Codes:	<Mandatory - Company Code in SFSF, separated by comma> E.g.: 'CompanyCode1','CompanyCode2',...
Relevant Countries for File 350:	<Mandatory - Country Code in SFSF> E.g.: 'USA','CAN'
Simulation Mode:	false