



# **Configuration Guide - SAP SuccessFactors and SAP Concur Integration**

## **Employee Integration between SAP SuccessFactors and SAP Concur Integration**

November 2024

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## Prerequisites

This IFlow takes employee master data CSV files from the SAP SuccessFactors SFTP, transforms, PGP encrypts and sends them to the SAP Concur SFTP Server.

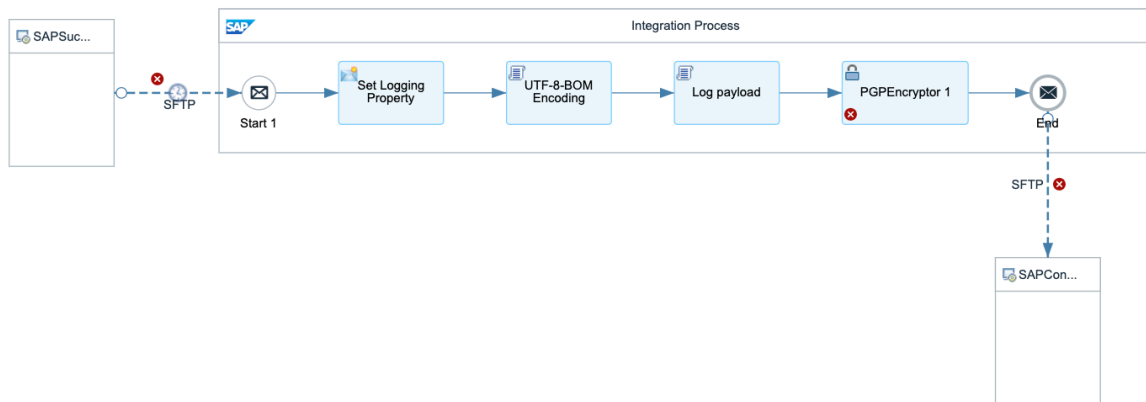
There are some configuration steps needed in order to use this package. We recommend to ask for consultancy support regarding the set up.

- Configuration steps in SAP SuccessFactors
  - Configuration of the SFTP Server in SAP SuccessFactors.
  - Processing and file storage on the SFTP Server
- Configuration steps in SAP Concur
  - Configuration of the SFTP Server in SAP Concur.
- o Decryption and processing of the file

Note: Starting from integration flow version 1.0.1, the Router and Content Modifier used for setting the row header for employee file structure for 305 and 350 are no longer included in the flow. Moving forward, as per SAP Best Practices, this should be handled within SAP SuccessFactors.

# Documentation

This IFlow takes employee master data CSV files from the SAP SuccessFactors SFTP, transforms, PGP encrypts and sends them to the SAP Concur SFTP Server



## Configuration steps on SAP Cloud Integration

For setting up the SFTP Server connectivity please also refer to <https://blogs.sap.com/2017/08/03/cloud-integration-how-to-setup-secure-connection-to-sftp-server/> .

For configuring the PGP Key please also refer to <https://blogs.sap.com/2022/04/02/sap-cpi-encryption-and-decryption-using-pgp-keys/> .

### Configure Sender SFTP Adapter

Configure "Employee Integration from SAP SuccessFactors to SAP Concur"
Sender
Receiver
More

Sender:
SAPSuccessFactors\_SFTP

Adapter Type:
SFTP

Source

Directory:
<Sender Directory /Concur>

File Name:

Address:
<Sender Address>

Authentication:
Public Key

User Name:

Private Key Alias:

Processing

Max. Messages per Poll:
20

Lock Timeout (in min):
15

Post-Processing:
Move File

Archive Directory:
<Archive Directory>

Schedule:
☐ Schedule on Day
☒ Schedule to Recur

Schedule to Recur
Daily

☐ On Time

☒ Every

Time Zone
( UTC 1:00 ) Central European Standard Time(Europe/Berlin)

07:14 AM

1 min

Between
00:00
and
24:00

Save
Deploy
Close

Directory	Enter the Directory of the SAP SuccessFactors SFTP Server
File Name	Enter File name if defined
Address	Enter the Address of the SAP SuccessFactors SFTP Server
Authentication	Enter the Authentication Type according to the configuration of the SFTP Server
Processing	
Max. Messages per Poll	Enter the Number of maximal messages per Poll
Lock Timeout (in min)	Specify how long to wait before trying to process the file again in the event of a Cloud Integration outage.
Post-Processing	Allows you to specify how files are to be handled after processing.
Archive Directory	Specifies the target directory where to move the file.
Schedule	Define the scheduler to request files on the SFTP Server

## Configure Receiver SFTP Adapter

Configure "Employee Integration from SAP SuccessFactors to SAP Concur"

Sender

Receiver

More

Receiver: SAPConcur\_SFTP

Adapter Type: SFTP

Directory: <Receiver Directory />

File Name:

Address: <Receiver SFTP Address>

Proxy Type: Internet

Authentication: Public Key

User Name: <Receiver UserName>

Private Key Alias: <Receiver PrivateKeyAlias>

Processing

Handling for Existing Files: Override

Save

Deploy

Close

Directory	Enter the Directory of the SAP Concur SFTP Server
File Name	Enter File name if defined
Address	Enter the Address of the SAP Concur SFTP Server
Proxy Type	Enter the Proxy Type, either Internet or On-Premise
Authentication	Enter the Authentication Type according to the configuration of the SFTP Server
Handling for Existing Files	Define the strategy for existing files

# Configure PGP Key

Configure "Employee Integration from SAP SuccessFactors to SAP Concur"

Sender

Receiver

More

Type: All Parameters

Enabled logging: true

PGP Algorithm: AES

PGP Compression Algorithm: ZLIB

PGP Encryption UserID:

PGP SecretKeyLength: 128

PGP Signature: NoSignature

Save

Deploy

Close

Enable Logging	True, if you want to enable the Logging option in the Monitor Section, False otherwise
PGP Algorithm	In the dropdown list, select the algorithm you want to use to encrypt the payload.
PGP Compression Algorithm	Select the algorithm you want to use to compress the payload.
PGP Encryption User ID	<p>You can specify the encryption key user IDs (or parts of them).</p> <p>Based on this setting, the system picks all public keys associated with User IDs that contains this value from PGP public keyring. (see Outbound: Message-Level Security with OpenPGP).</p> <p>You can enter <code>\${header.headername}</code> or <code>\${property.propertyname}</code> to read the encryption key user ID dynamically from a header or exchange property.</p>
PGP Secret Key Length	Enter the secret key length.
PGP Signature	Select Including if you want to sign the payload with a signature.

## Configure the SFTP Server in SAP SuccessFactors and SAP Concur

Please ask an expert for SAP SuccessFactors as well as for SAP Concur to set up the integration.

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