

Configuration Guide  
Integration between SAP Fieldglass and OpenText  
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English

CUSTOMER

# Integration between SAP Fieldglass and OpenText

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# 1 Prerequisites

This content is connecting to a Third Party system called OpenText. Please be aware of the fact that you might need to consult an OpenText expert and conduct some configuration steps in the Third Party system, that aren't defined here.

This content is also connecting to customer Fieldglass REST APIs according to [SAP Fieldglass REST API Integration](#). You might also involve an SAP Fieldglass expert for this set up.

## 2 Documentation

This package retrieves data, e.g. purchase orders, from a Fieldglass REST API and replicates it into a specific folder in OpenText. AS the REST API is customizable any data structure can be retrieved.

The Iflow *Replicate data from SAP Fieldglass to a specific folder in OpenText* is started with a timer on the SAP CI and calls the REST APIs from Fieldglass. You can also define several APIs which is then called in a Loop one by one.

The mapping from Fieldglass custom API to the OpenText structure is done in the *Iflow ProcessDirect\_Custom Mapping from SAP Fieldglass REST APIs* and needs to be configured.

After the mapping the data is replicated each by each into a folder to OpenText. The folder is defined in the Iflow parameters.

# 3 Replicate data from SAP Fieldglass to a specific folder in OpenText – Configuration Guide

This Iflow is separated into one main integration process “Integration Process”, which starts the Timer and the looping process over each Fieldglass API, and 7 subprocesses:

- SendFiles\_Iteration: It's the process that is being called by the Looping process. It retrieves the data from Fieldglass and transfers it to OpenText into a specific folder.
- ProcessDirect\_Custom\_Mapping\_from\_SAP\_Fieldglass\_APIs: This subprocess takes care of requesting the data from the Fieldglass API as well as calling the Process Direct Iflow in order to map it to the right OpenText structure.
- Authentication\_Process\_OT: Authenticates to the OpenText APIs
- GetNodeIDByName\_OT: Gets the folder Id from OpenText based on the name of the folder.
- OT\_GetNodebyName: It checks whether the Document already exists in OpenText.
- Create and Post Document: The process creates the payload and checks whether the document already exist in the folder in OpenText. Depending on the response it is creating or updating the document.
- OT\_Update Document: Updates the existing document in OpenText.

## 3.1 Configure Timer

You would need to configure the Timer on a regular basis. It is recommended to set the timer once or twice a day.

## 3.2 Configure Receiver Adapters

OT\_Authentication:

- Address: Define the Address from OpenText for the Authentication Web Service /cws/services/Authentication.
- Proxy Type: Define the Proxy Type, if it is On-Premise you would also need to configure the Cloud Connector as well setting the Location ID in the Iflow.

OT\_GetNodeByNickname:

- Address: Define the Address from OpenText for the Web Service GetNodeByNickname /cws/services/DocumentManagement
- Proxy Type: Define the Proxy Type, if it is On-Premise you would also need to configure the Cloud Connector as well setting the Location ID in the Iflow.

OT\_PostDocument

- Address: Define the Address from OpenText for the Web Service CreateDocument /cws/services/DocumentManagement
- Proxy Type: Define the Proxy Type, if it is On-Premise you would also need to configure the Cloud Connector as well setting the Location ID in the Iflow.

OT\_GetNodeByName:

- Address: Define the Address from OpenText for the Web Service GetNodeByName /cws/services/DocumentManagement
- Proxy Type: Define the Proxy Type, if it is On-Premise you would also need to configure the Cloud Connector as well setting the Location ID in the Iflow.

ProcessDirect\_SAP\_Fieldglass\_APIs\_Mapping:

- Address: Address for the Process Direct Flow for the mapping. Fieldglass\_Authentication
- Fieldglass\_URL: Define the host of the Fieldglass tenant OT\_UpdateDocument
- Address: Define the Address from OpenText for the Web Service UpdateDocument /cws/services/ContentService
- Proxy Type: Define the Proxy Type, if it is On-Premise you would also need to configure the Cloud Connector as well setting the Location ID in the Iflow.

OT\_AddVersion

- Address: Define the Address from OpenText for the Web Service AddVersion /cws/services/DocumentManagement

- Proxy Type: Define the Proxy Type, if it is On-Premise you would also need to configure the Cloud Connector as well setting the Location ID in the Iflow.

### 3.3 Configure Parameters

Please use the Security Material area in order to define the Credentials for OpenText and Fieldglass.

In the “More” tab you would need to configure the following parameters:

- Fieldglass\_API ID: Enter the Fieldglass API IDs, it can be set as an array , in the format, e.g. z1234;z4321
- Fieldglass\_API Name: Enter the Fieldglass API name, it can be set as an array, in the format, e.g. Name1;Name2
- Fieldglass\_API\_FilterID: Enter the Fieldglass API filterIDs, it can be set as an array, in the format, e.g. SOW.EDIT\_TIME;JP.EDIT\_TIME>
- Fieldglass\_Credential: Enter the Fieldglass Credentials defined in the Security Material
- Fieldglass\_Format: enter the Fieldglass API format, e.g. csv
- FIELDGLASS\_LAST\_EXEC\_TIME\_DEFAULT: Set a date for the initial run, e.g. 2020-10-01 01:30:01
- OT\_Credential: Enter the OpenText Credentials defined in the Security Material
- OT\_Folder\_Nickname: Enter the OpenText folder, in which the documents should be transferred.

### 3.4 Configure Cloud Connector

If the OpenText system is an On-Premise System you would need to configure the Cloud Connector accordingly. OpenText would be maintained as Third Party.

Please refer to [SAP BTP Connectivity](#).

### 3.5 Configure OpenText

Please be aware that you might consult an OpenText integration expert in order to make the APIs available.

## 4 ProcessDirect\_Custom Mapping from SAP Fieldglass REST APIs

This Process direct Iflow is taking the response defined in a CSV format from the Fieldglass API and maps it into a specific XML structure.

The router is routing based on the DocumentID defined in the main Iflow to the correct CSV to XML Mapping.

If no suitable route is found, it is routing to the default path.

### 4.1 Configuration Steps

1. Create a XSD Schema for the target system. You can use the uploaded schema as a template.
2. Upload the Schema to this Iflow and assign it to the CSV to XML converter (if you have defined a different Fieldglass format in the API you would need to change this converter).
3. Change the route conditions in the Router so that it fits the Fieldglass API IDs that you have defined in the main Iflow.