

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

# Integration Guide

SAP Build Process Automation Integration with SAP S/4HANA for Non Operated Joint Venture Cash Call Approval

# Table of Contents

Table of Contents .....	2
Overview .....	3
Solution Diagram .....	3
Required SAP Business Technology Platform Services .....	4
Setup and Configuration .....	5
Configure RFC Destination .....	5
Configure Cloud Connector .....	5
Import, configure and deploy cloud integration content .....	6
Import pre-packaged Integration content in SAP Integration Suite .....	6
RFC Adapter Configuration .....	6

# Overview

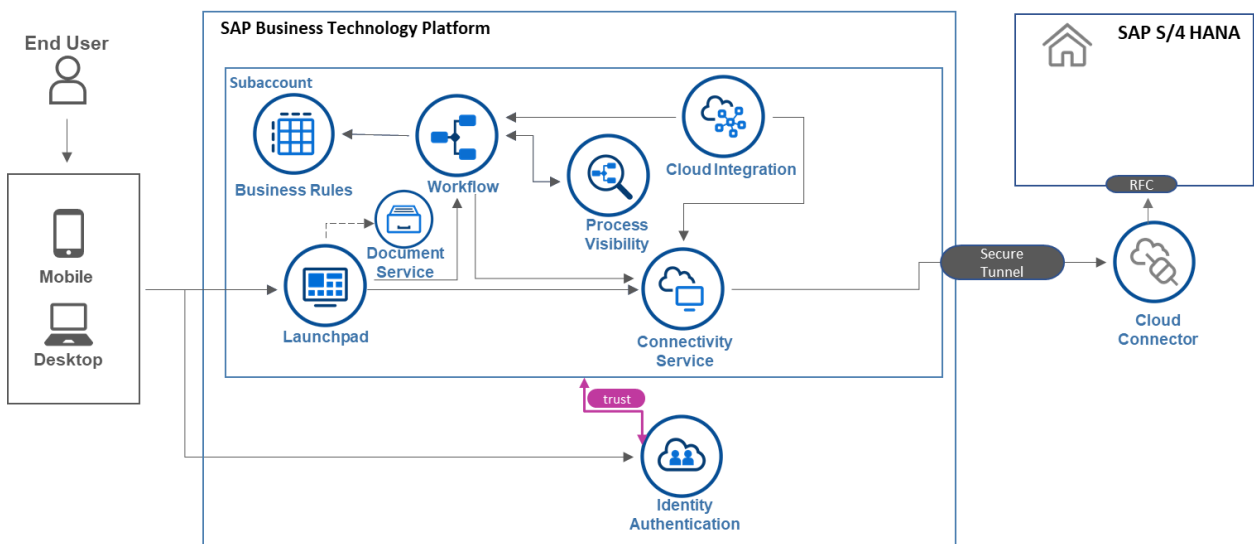
This document provides information about setting up the SAP Business Technology Platform account to consume the live process content package **Non Operated Joint Venture Cash Call Approval**. The main audience of this document are technical IT/system administrators.

In joint venture accounting module, non-operator receives cash call/Billing invoice requests and invoice billings from operator of the venture. Non-operator logs these requests into the system and make the payment against it.

The standard Non-operator cash call/Billing invoice and invoice processes do not allow to route such requests to different internal approver(s) before requests are posted to the system.

This extension fills that void and allow to send cash call/Billing invoice and invoice requests to different approver(s).

## Solution Diagram



This Integration Package contains the following salient features:

- Get Approvers for Joint Venture Cash Call Non-Operated integration model fetches approver details for approving changes in Joint Venture Cash Call from SAP S/4HANA to **SAP Build Process Automation** or SAP Workflow Management.
- Post Documents for Joint Venture Cash Call Non-Operated integration model updates Joint Venture Cash Call in SAP S/4HANA based on data received from **SAP Build Process Automation** or SAP Workflow Management.

# Required SAP Business Technology Platform Services

The live process content package **Non Operated Joint Venture Cash Call Approval** is intended to be used for SAP S/4HANA and requires the following services in SAP BTP:

- **SAP Build Process Automation** or SAP Workflow Management to orchestrate the process.
- Cloud integration capability within SAP Integration Suite
- SAP Connectivity service (cloud connector) to establish access to SAP S/4HANA.
- SAP Launchpad service to access the apps that are involved in the process.
- SAP Business Application Studio to modify/deploy the SAPUI5 applications.
- SAP BTP, Cloud Foundry runtime.
- SAP Cloud Identity Services (Optional)

# Setup and Configuration

This section will explain how to setup the integration content that is required for the live process content package **Non Operated Joint Venture Cash Call Approval**.

## Configure RFC Destination

Configure a RFC destination to connect with SAP S/4HANA on-premise. Below is a destination configuration for SAP S/4HANA on-premise.

Note: This destination is required by Cloud Integration (Suite).

Name	<RFC_DESTINATION_NAME>
Type	RFC
Proxy Type	OnPremise
User	<ONPREMISE_USER>
Password	<ONPREMISE_PASSWORD>
Repository User	<ONPREMISE_USER>
Repository Password	<ONPREMISE_PASSWORD>

Additional Properties	jco.client.ashost: <host>
Additional Properties	jco.client.client:<client number>
Additional Properties	jco.client.lang: <language>
Additional Properties	jco.client.sysnr:<system number >

## Configure Cloud Connector

For SAP S/4HANA on-premise landscape, configure cloud connector to enable secure tunnel to SAP BTP tenant. Please refer the help documentation to [configure Cloud Connector](#). Services/Resources that need to be exposed from SAP S/4HANA on-premise using Cloud Connector

Resources	Protocol	Backend-Type
ZWF_FM_HR_MASTER_GET_APPROVER	RFC	ABAP System
ZWF_FM_JVCASHCALL_NON_OPER	RFC	ABAP System
ZWF_FM_NON_JV_POST	RFC	ABAP System

## Import, configure and deploy cloud integration content

This live process content requires the cloud integration to process the – Joint Venture Cash Call Data in SAP S/4HANA. The integration content package **SAP Build Process Automation Integration with SAP S/4HANA for Non Operated Joint Venture Cash Call Approval** is available in SAP API Business hub to integrate **SAP Build Process Automation** or SAP Workflow Management with SAP S/4HANA. Integration models use RFC and OData to integrate with SAP S/4HANA. The following integration models are available in this package.

1. Get Approvers for Joint Venture Cash Call Non-Operated.
2. Post Documents for Joint Venture Cash Call Non-Operated

Import the integration package to your SAP Cloud Integration tenant. 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.

### Import pre-packaged Integration content in SAP Integration Suite

- Access your SAP Integration Suite tenant management node (<https://<integrationtenant>/itspaces>).
- View all pre-packaged integration flow under Discover->Integration. (<https://<integrationtenant>/itspaces/shell/discover>)
- Search content package “**SAP Build Process Automation Integration with SAP S/4HANA for Non Operated Joint Venture Cash Call Approval**”.
- Click on the package “**SAP Build Process Automation Integration with SAP S/4HANA for Non Operated Joint Venture Cash Call Approval**”.
- Click Copy to import the Integration content package to your workspace.
- Navigate to the Monitor view (<https://<integrationtenant>/itspaces/shell/monitoring>) to setup the security materials required for the package.

### RFC Adapter Configuration

- Open the integration model Get Approvers for Joint Venture cash Call Non-Operated.
- Click Configure button, choose receiver “SAP\_S4HANA\_RFC” and set the required destination name.

## Configure "Get Approvers for Joint Venture Cash Call Non-Operated"

Sender   **Receiver**   More

Receiver: SAP\_S4HANA\_RFC

Adapter Type: RFC

**Connection**

Destination: CC2\_RFC

Create New Connection:

- Go to More tab and enter the RFC name and if required, change the values for HTTP Session Reuse and Transaction Handling.

## Configure "Get Approvers for Joint Venture Cash Call Non-Operated"

Sender   Receiver   **More**

Type: All Parameters

HTTP\_Session\_Reuse: onExchange

RFCName:

Transaction\_handling: Not Required

- Save the integration model.
- Maintain the same RFC Adapter settings for receiver "SAP\_S4HANA" and "SAP\_S4HANA\_RFC" and also maintain "rfcName" and "rfcNameInvoice" parameters in "More" tab in Post Documents for Joint Venture Cash Call Non-Operated integration model and save the integration model.

Once all the required configurations are done, deploy all the integration models.