

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

End User Guide

Non Operated Joint Venture Cash Call Approval using SAP Workflow or SAP Build Process Automation

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Overview

This document provides information about setting up the SAP Business Technology Platform account to consume the workflow 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.

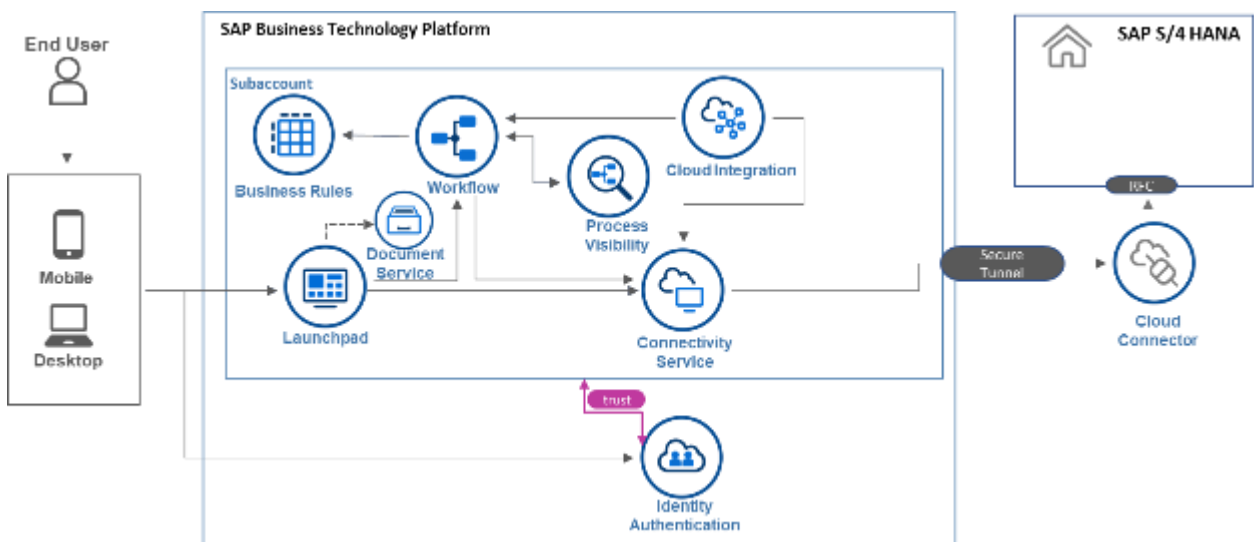
The standard Non-operator cash call/Billing invoice and invoice processes do not allow to route such requests to different internal approver(s) before requests are posted to the system.

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

Features

- Plug and Play with SAP S/4HANA without additional development.
- New Process variants can be configured in a no-code approach.
- Agent/approver determination using Business Rules or external service.
- Pre-built integration content to call SAP S/4HANA from SAP Workflow Management or SAP Build Process Automation.
- Out-of-the-box visibility into key process performance indicators.

Solution Diagram



My Inbox Task

The Non Operated JVA cash call process allows the operator to invoice partners for future estimated venture costs. Based on an estimate of the future costs, non-operating partners are invoiced for their share of the costs to be incurred.

User Task

“My Inbox” application enables line of business users to claim and complete their task. Please go through [SAP My Inbox documentation](#) for more details. The workflow is triggered by user action at SAP S/4HANA, when the user creates a batch on any of the following T-Codes: GJOAA/GJ05/GJ06.

Requestor UI

Here the Requestor can add Invoices as attachments in the My Inbox Task assigned to him. The Requestor can add attachments using the upload button and can submit.

Venture Invoice Type



Fig 1

The screenshot shows the SAP My Inbox interface. On the left, there are three task cards, all with a 'Medium' priority. The main content area is titled 'Non Operated Joint Venture Requestor' and displays the details for a specific invoice: 'Submission of Joint Venture Non Operated Invoice - 4001_RRGJ0AV1_0000000002_Invoice'. The 'Invoice Details' tab is active, showing a table with the following columns: Joint Venture, Equity Group, Equity Group Name, GL Account, Cost Center, WBS, Fund Currency, Fund Amount, and Local Amount. The table contains 12 rows of data. At the bottom right, there are buttons for 'Submit', 'Show Log', and 'Release'.

Joint Venture	Equity Group	Equity Group Name	GL Account	Cost Center	WBS	Fund Currency	Fund Amount	Local Amount
002005	EG8	New Non_OP Venture2	0005202300		00000128	USD	1.00	1.00
002005	EG8	New Non_OP Venture2	0005202000	JVA400113	00000000	USD	1.00	1.00
002005	EG8	New Non_OP Venture2	0005202300	JVA400111	00000000	USD	8.00	8.00
002005	EG9	New Non_OP Venture1	0005202300		00000128	USD	1.00	1.00
002005	EG9	New Non_OP Venture1	0005202000	JVA400113	00000000	USD	1.00	1.00
002005	EG9	New Non_OP Venture1	0005202300	JVA400111	00000000	USD	8.00	8.00
002005	EG8	New Non_OP Venture2	0005202300		00000128	USD	1.00	1.00
002005	EG8	New Non_OP Venture2	0005202000	JVA400113	00000000	USD	1.00	1.00
002005	EG8	New Non_OP Venture2	0005202300	JVA400111	00000000	USD	8.00	8.00
002005	EG9	New Non_OP Venture1	0005202300		00000128	USD	1.00	1.00
002005	EG9	New Non_OP Venture1	0005202000	JVA400113	00000000	USD	1.00	1.00

Fig 2

The screenshot shows the same SAP My Inbox interface, but with the 'Attachments' tab selected. The main content area displays 'Attachments (0)' and a large box with a document icon and the text 'No files found. Drop files to upload, or use the "Upload" button.' The 'Upload' button is visible in the top right corner of the attachment area. The 'Submit', 'Show Log', and 'Release' buttons are still present at the bottom right.

Fig 3

Operator Invoice Type

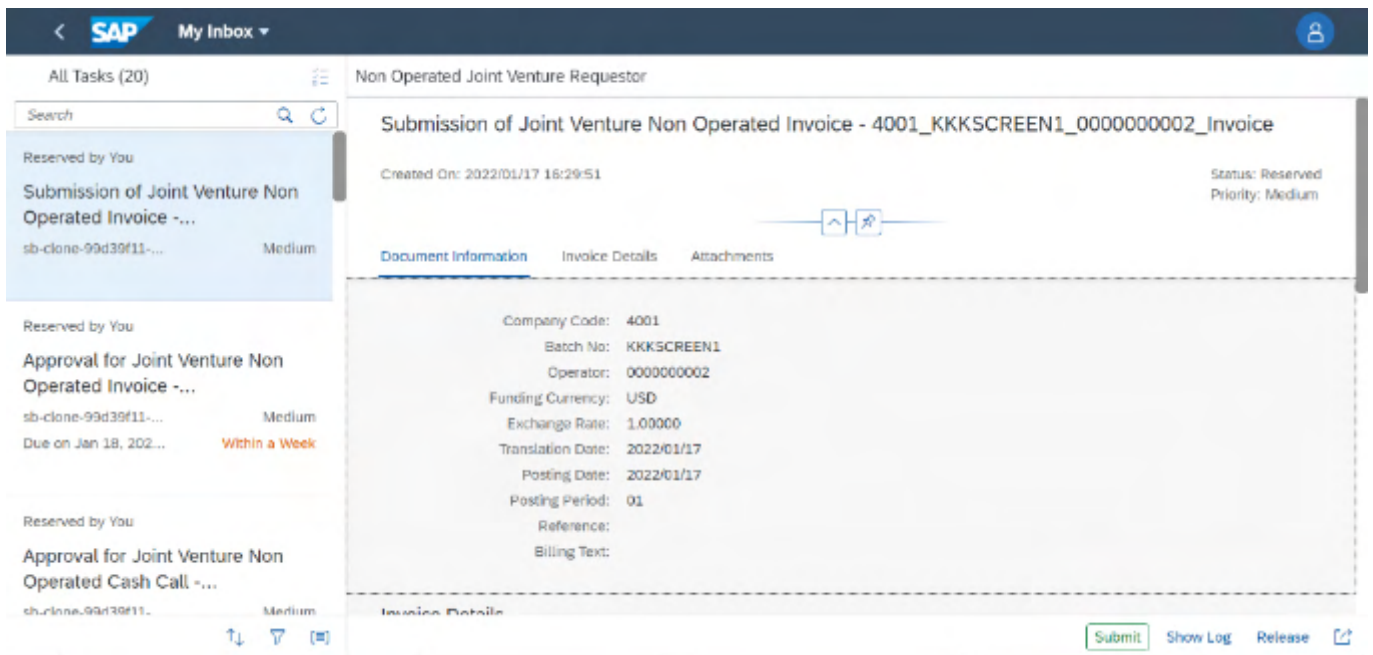


Fig 4

Note:

Invoice Details and Attachment screen between Venture Invoice Type and Operator Invoice Type would be the same.

Approval UI

Approval of Personas involved in the approval: 2.

They are

1. Technical Reviewer
2. FAL Approver

Scenario 1: Cash Call - Equity Group Type

The Approver can make one of the following decisions:

1. Item level approve/reject - Click the tick icon to approve or click the Cross icon to reject an item at item level
2. Submit - Click Submit to update the cash call details to SAP S/4 HANA

1st Level Approver – Technical Reviewer

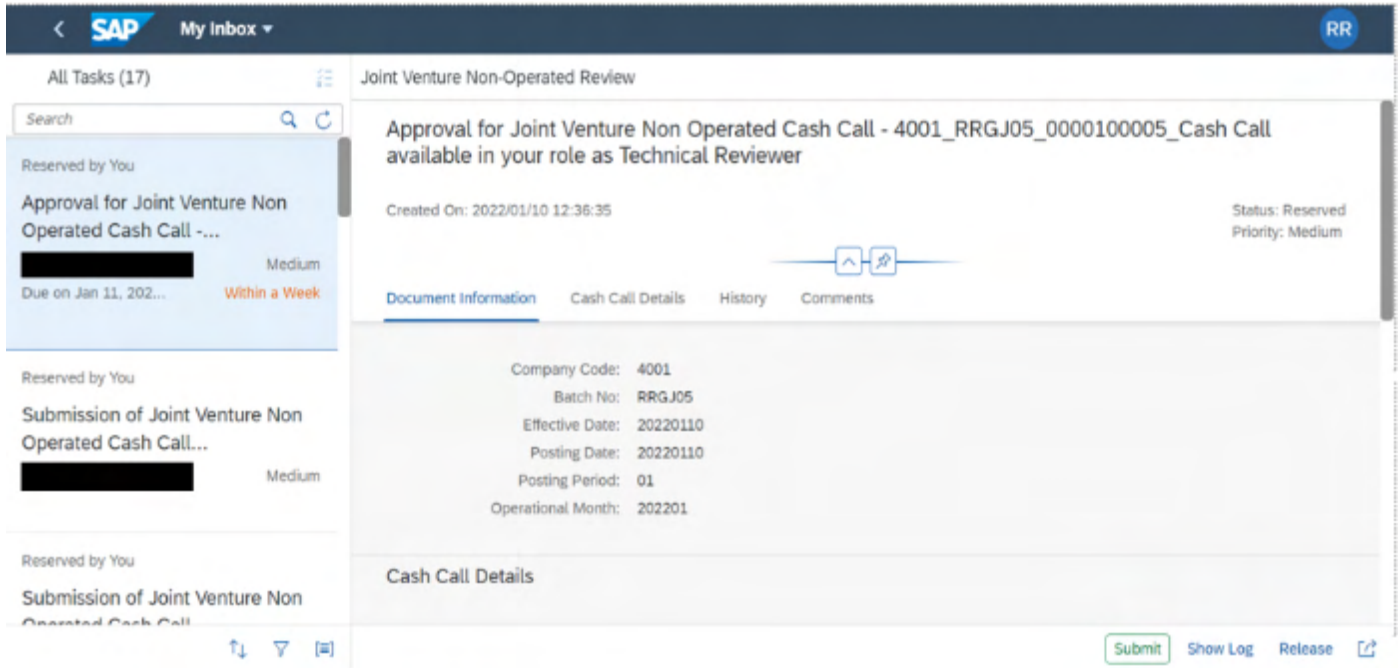


Fig 5

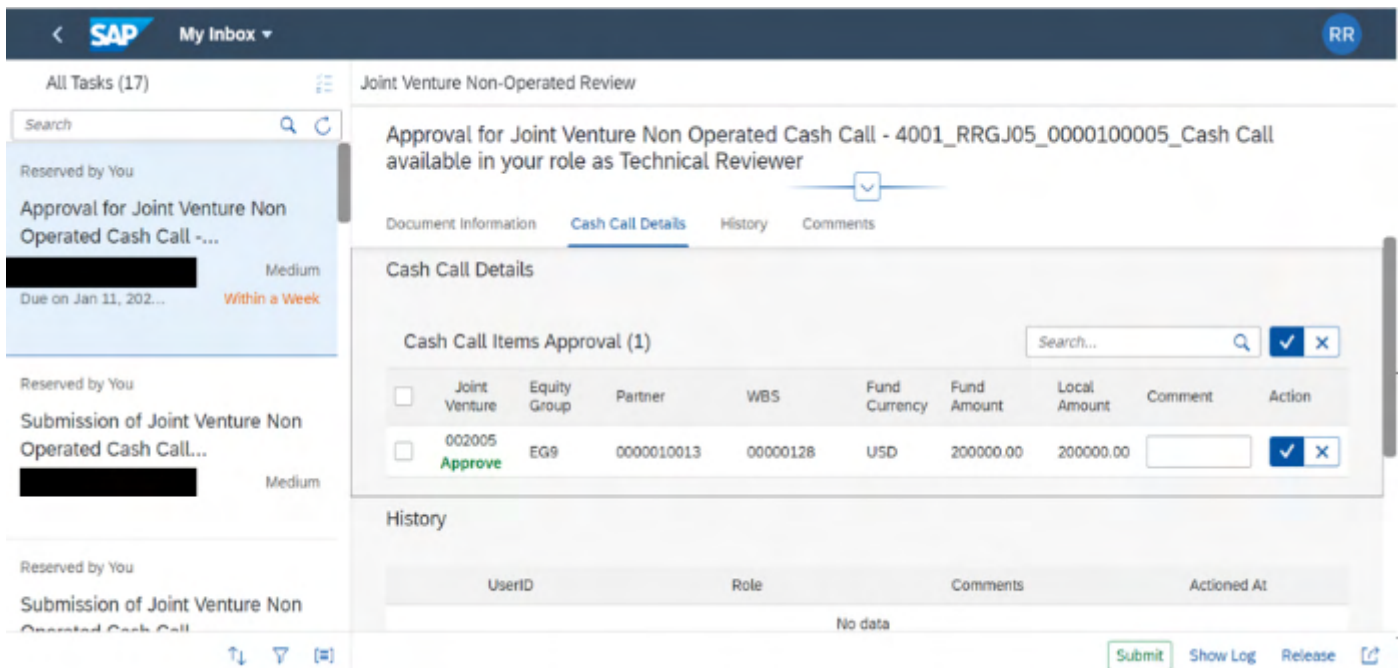


Fig 6

SAP My Inbox (RR)

All Tasks (17)

Search

Reserved by You

Approval for Joint Venture Non Operated Cash Call -...
 Medium
 Due on Jan 11, 202... Within a Week

Reserved by You

Submission of Joint Venture Non Operated Cash Call...
 Medium

Reserved by You

Submission of Joint Venture Non Operated Cash Call...

Joint Venture Non-Operated Review

Approval for Joint Venture Non Operated Cash Call - 4001_RRGJ05_0000100005_Cash Call available in your role as Technical Reviewer

Document Information | Cash Call Details | **History** | Comments

History

UserID	Role	Comments	Actioned At
No data			

Comments

Comment: * Approved

Submit Show Log Release

Fig 7

2nd Level Approver – FAL Approver

SAP My Inbox (RR)

All Tasks (17)

Search

Reserved by You

Approval for Joint Venture Non Operated Cash Call -...
 Medium
 Due on Jan 11, 202... Within a Week

Reserved by You

Submission of Joint Venture Non Operated Cash Call...
 Medium

Reserved by You

Submission of Joint Venture Non Operated Cash Call...

Joint Venture Non Operated FAL Approval

Approval for Joint Venture Non Operated Cash Call - 4001_RRGJ05_0000100005_Cash Call available in your role as FAL Approver

Created On: 2022/01/10 13:56:35 Status: Reserved Priority: Medium

Document Information | Cash Call Details | History | Comments

Company Code: 4001
 Batch No: RRGJ05
 Effective Date: 20220110
 Posting Date: 20220110
 Posting Period: 01
 Operational Month: 202201

Cash Call Details

Submit Show Log Release

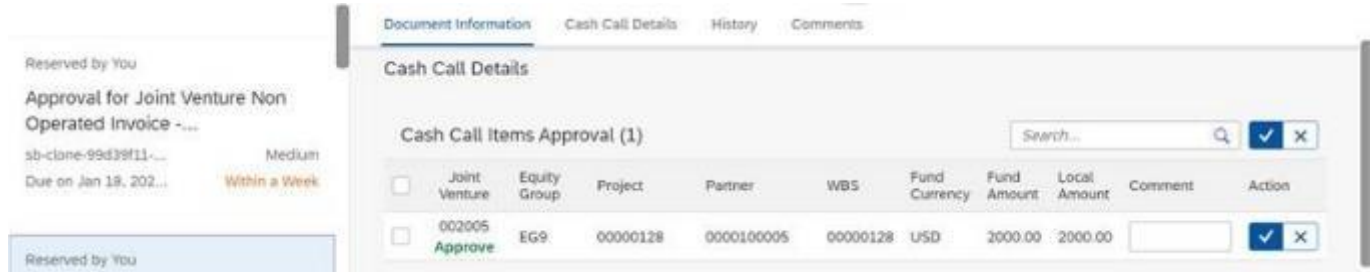
Fig 8

Note: Cash Call Details & History screen would be the same with other scenarios

Scenario 2 : Cash Call – Project Group Type

Note:

The screens are similar to scenario 1 for both the levels of approval. Project information is shown on the item level.



Scenario 3 : Venture Invoice Type

The Approver can make one of the following decisions:

1. Approve - Click the Approve button to approve the Invoice details
2. Reject - Click Reject to reject the invoice details

1st Level Approver – Technical Reviewer

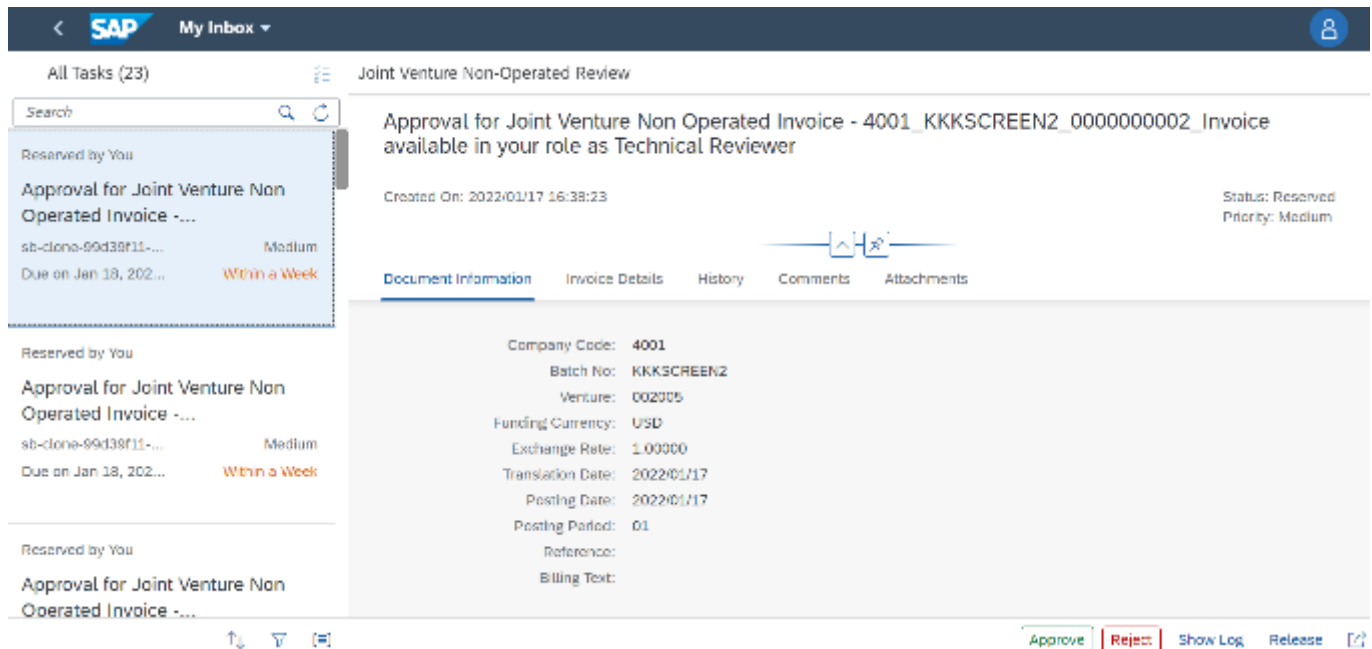


Fig 10

Note: Item detail, History and Attachment screen would be the same with other scenarios

2nd Level Approver – FAL Approver

Note: All screens are the same as first level approval, except for the title, where the name FAL approval is reflected.

Scenario 4 : Operator Invoice Type

The screens are like scenario 3 for both the levels of approval. “Operator ID” is present in the document information in the place of “Venture”.

Retry UI

When a POST operation fails due to a business exception, the requestor receives the Retry task in MyInbox.

The Requestor will have 2 options:

1. Retry : Retry the POST operation to SAP S/4HANA.
2. Terminate : Terminate the workflow when retry operation with Submit button action, cannot complete the POST operation. In this case, the user can trigger a new workflow for the data point.

Screenshots are given below:

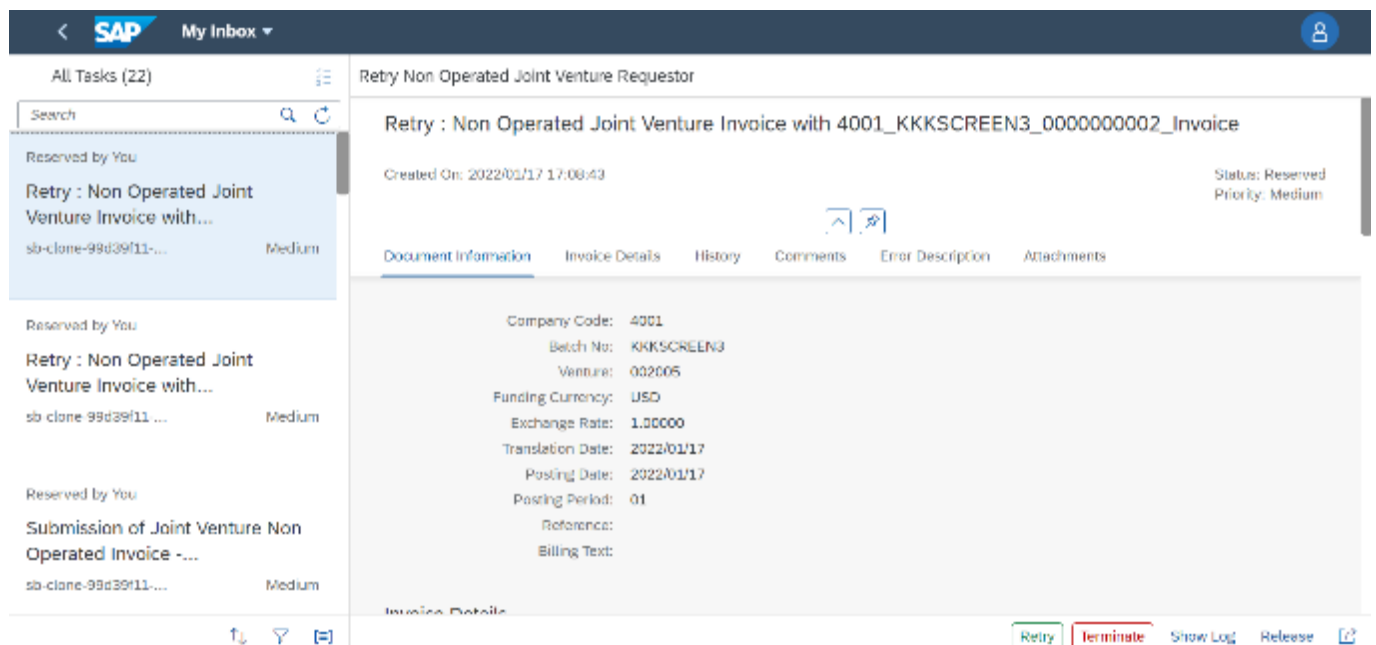


Fig 13

Note:

Item details screen structure will be similar to Fig 6

Business exception will be thrown in SAP S/4HANA during a failure in POST operation. In this case, the user receives the retry task in MyInbox, with the reason for failure as shown in screen shot below. User can take an appropriate action based on the exception reason, by taking the appropriate configuration changes at SAP S/4HANA

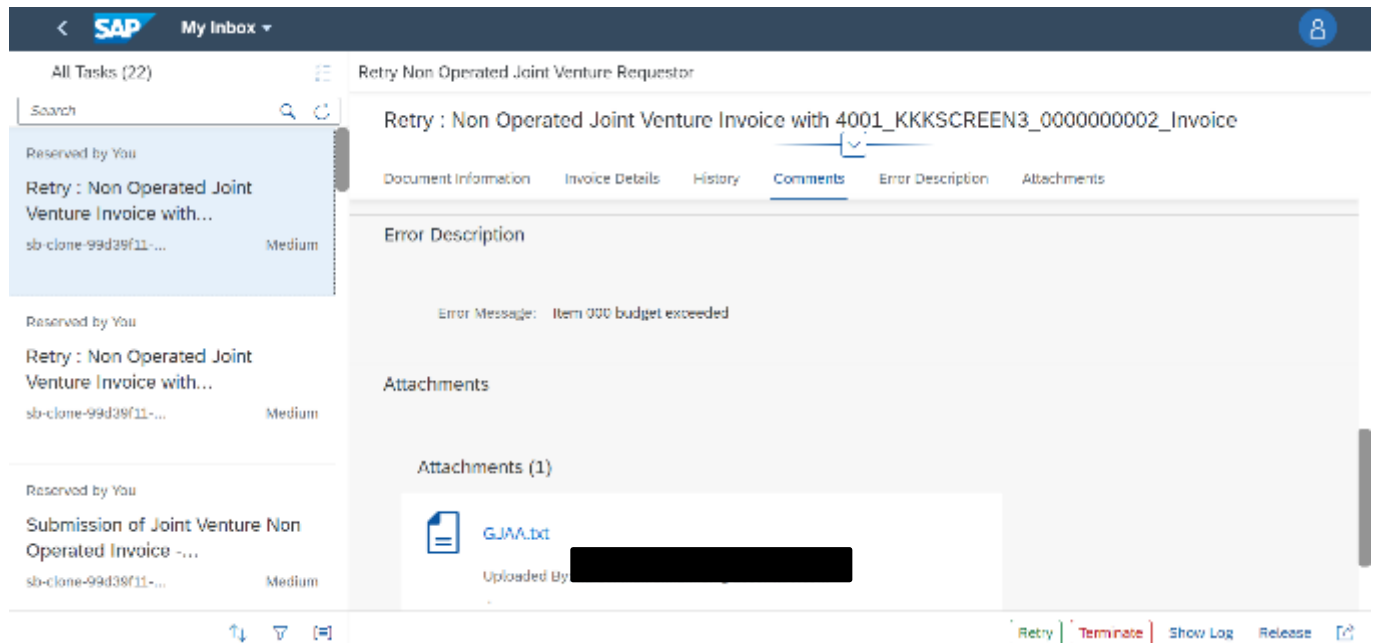


Fig 14

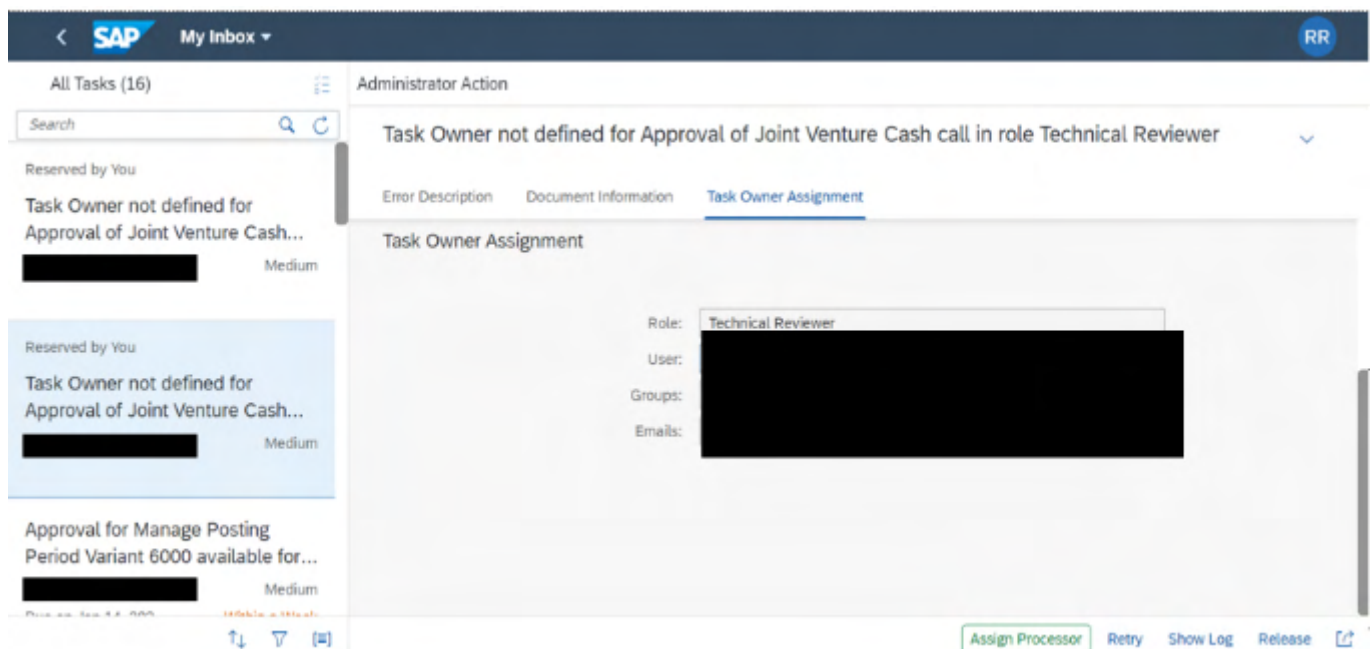
Admin Flow

If by any case, the approvers do not get determined by the approver determination policies, the issue will be brought to the notice of the process administrator and a task shall be created for the process admin with options to either 'Assign Processor' manually or 'Retry' after updating the policies.

Assign Processor: This option is to assign the users and/or groups and the email addresses in the section 'Task Owner Assignment', (Note: all email address(es) must be given), and click 'Assign Processor'. The assigned processors will receive the approval task which can be accessed from the My Inbox application.

Retry: This option implies that the process admin can first fix the issue in the business rule and then access this task again in the My Inbox, and trigger Retry. If the issue is fixed correctly, then upon retry the normal approval flow will resume.

Screen shots are given below:



Process Visibility Workspace

Process Visibility capability in SAP Workflow Management or SAP Build Process Automation enables Process Owners and Process Operators to gain real time visibility on processes and key process performance indicators. It also enables customers gain out of the box process visibility into their deployed processes. Please refer [help documentation](#) for more details.

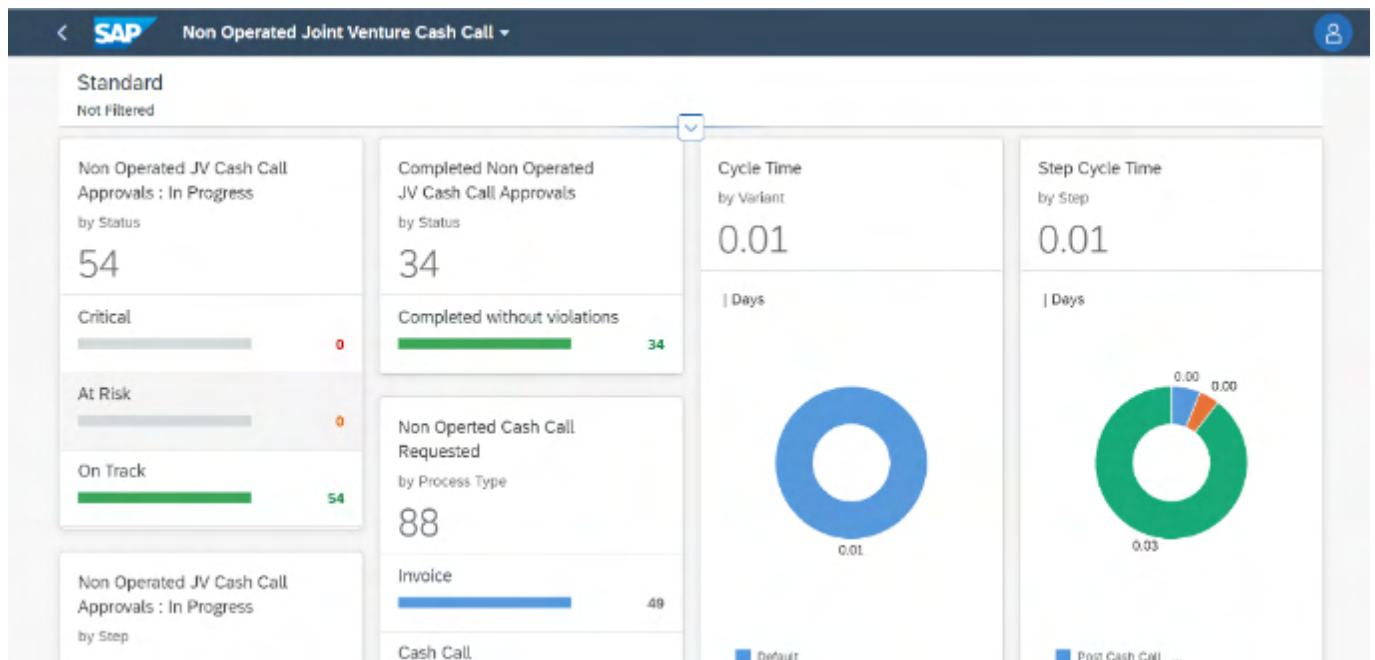
Non Operated JV Cash Call process content package provide out of the box visibility on all the process variants in SAP Workflow Management or SAP Build Process Automation. Line of business expert will be able to enhance the visibility scenario to their requirements.

Access Process Workspace with SAP Build Process Automation

1. The administrator would have added a tile in the central Fiori Launchpad that corresponds to the scenario “Non Operated Joint Venture Cash Call”. For more information on how to add scenario-specific tiles, refer to the [help documentation](#).
2. Click the scenario-specific tile in the Fiori Launchpad.
3. User will see the below detailed process visibility dashboard.

Access Process Workspace with SAP Build Process Automation

1. Go to Process Flexibility Cockpit
2. Select **Non Operated Joint Venture Cash Call** tile.
3. Click Live Process Insights – Non Operated Joint Venture Cash Call
4. User will get the following screens



Please go through [help documentation](#) on how to model a visibility scenario.

Abbreviations

FAL – Financial Approval Limit