

SAP BUSINESS TECHNOLOGY PLATFORM | EXTERNAL

End User Guide

Manage Asset Retirement Using SAP Build Process Automation or SAP Workflow Management

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Overview

This document provides information about how to use the user interfaces of content package “**Manage Asset Retirement**”. Process operators, approvers and requestors are the target users of the user interfaces explained in this document.

Manage Asset Retirement automates the deactivation of equipment, work orders, notifications, maintenance plans and retirement of asset. Notification requests for asset retirement is created from an UI5 application and is submitted for an approval. After all the approvals are completed, deactivation process begins. There is a provision to set up variants wherein the levels of approval needed for the process can be configured. When a requestor creates a notification request for asset retirement, corresponding process variant is triggered in SAP Build Process Automation or SAP Workflow Management based on configurable business conditions.

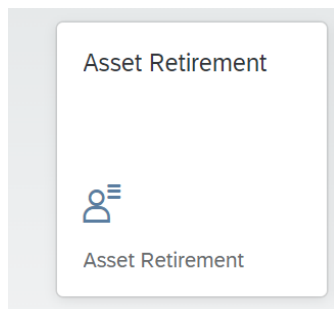
Salient features of the content package are:

- Easily deployable package from SAP Build Process Automation or SAP Workflow Management with minimal developments in SAP S/4HANA system.
- Configure multi-level approval based on various parameters like Company Code, Asset Net Book value, Plant, Approval Level, Cost Center etc.
- Approvers are automatically determined using a configurable business rule.
- Provisioned with a process admin flow for process exceptions.
- Exception handling during the Deactivation process to notify the Requestor for corrective measures.

Disclaimer: Please note that this content package is a template to facilitate custom build extensions. A full-fledged master data management solution, with data quality management and governance capabilities is available on SAP Business Technology Platform, please see [SAP Master Data Governance](#).

Create Asset Retirement Notification Application

The UI5 application Asset Retirement enables the line of business users to create an Asset Retirement Notification and to Submit the same for approval. Once enabled, the application can be accessed from the SAP Business Technology Platform Fiori Launchpad tile.



Create Asset Retirement Request

User can create an asset retirement request by clicking on the 'Create Asset Retirement Request' button on Initial the landing screen.

Notification Number: Equipment: Maintenance Plant: Planning Plant: Notification Status:

Main Work Center:

[Go](#) [Clear](#)

[Create Asset Retirement Request](#)

Notification Number	Equipment	Equipment Description	Maintenance Plant	Planning Plant	Notification Status	Main Work Center
No data						

The resultant screen as shown below will be seen.

remment ▾

Create Asset Retirement Request

General Information

Notification Number:

Notification Description:

User Status:

Serial:

Equipment Information

Company Code:

Planning Plant:

Maintenance Plant:

Cost Center:

WBS Element:

Main Work Center:

Equipment: *

Equipment Description:

Equipment Status:

Asset:

Net Book Value:

[List of Maintenance Plans](#) [List of Open Work Order](#) [List of Open Notifications](#)

Main Plan	Main Item	Description	Strategy
No data			

List of Open Work Order

Work Order	Type	Description	Basic Start Date	Basic End Date	DM Activity Type
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[Cancel](#) [Create](#)

User can select the equipment by clicking on the value help button.

Equipment: * 

In the resultant pop-up screen, user can search and select the equipment.

Select: Equipment

Search

Items

Equipment	Description
10000000	material for RTP
10000001	material for RTP
10000002	material for RTP
10000003	material for RTP
10000004	material for RTP
10000005	material for RTP
10000006	Domestic Electricity with single register
10000007	Domestic Electricity with single register
10000008	
10000009	Domestic Electricity with single register

User can enter the notification description in the “**Notification Description**” field.

Notification Description:

After selecting the equipment and entering the relevant notification description, user can click on the create button to Create the Asset Retirement Notification request. A pop message as shown below will be visible to the user once the notification is successfully created.

Success

Asset Retirement Request has been successfully created with notification number 000010005505

Search existing Asset Retirement Notification Requests

An existing asset retirement notification can be searched with various combination of fields like Notification, Equipment, Maintenance plant, Planning Plant, Main work Center,

To use the value help, click the button shown below.



In the value help pop-up enter the search criteria like the Equipment or plant etc.

Select: Maintenance Plant

Items

Plant	Plant Name
0001	PLANT 0001
0003	Plant 0003 (is-ht-sw)
1000	ELEC PLANT
1001	GAS PLANT
1002	WATER PLANT
1010	Gas Utility

Display Asset Retirement Notification Request

A list of asset retirement notifications will be displayed based on the selection by user (see the above section on how to search for Asset retirement notification requests based on various combination). The user will be able to click on any line to view the retirement request in a read-only mode.

Asset Retirement Dashboard

Notification Number: Equipment: Maintenance Plant: Planning Plant: Notification Status:

Main Work Center:

[Go](#) [Clear](#)

[Create Asset Retirement Request](#)

Notification Number	Equipment	Equipment Description	Maintenance Plant	Planning Plant	Notification Status	Main Work Center
10005505	10007796	Steam Generator	1000	1000	Outstanding	CREW

The below screen will be shown when the user clicks on the equipment. It shows the list of maintenance plan, open work orders and open notifications for the selected equipment.

Display Asset Retirement Request details

General Information

Notification Number: 10005505

Notification Description: Testing

User Status: INTL

Serial:

Equipment Information

Company Code: 9001

Planning Plant: 1000

Maintenance Plant: 1000

Cost Center: CC00000001

WBS Element: EAM_CAPITAL0111

Main Work Center: CREW

Equipment: * 10007796

Equipment Description: Steam Generator

Equipment Status: INST

Asset: 300036

Net Book Value: [Show Net Book Value](#)

[List of Maintenance Plans](#) [List of Open Work Order](#) [List of Open Notifications](#)

Main Plan	Main Item	Description	Strategy
310	700	ART TEST	

Work Order	Type	Description	Basic Start Date	Basic End Date	PM Activity Type
4002100	PRVM	ART TEST	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	PM

Notification	Planner Group	Description	Required Start Date	Required End Date	Requestor
50000661	008	ART TEST	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	INFDEV2

[Submit](#)

The user can check the Asset Net book by clicking on the button "Show Net Book Value".

Net Book Value: 12083.33 USD

[Show Net Book Value](#)

The retirement request can be submitted for approval by clicking on the Submit button that is visible in the display screen.

Display Asset Retirement Request details

<p>General Information</p> <p>Notification Number: 10005505</p> <p>Notification Description: Testing</p> <p>User Status: INTL</p> <p>Serial:</p>	<p>Equipment Information</p> <p>Company Code: 9001</p> <p>Planning Plant: 1000</p> <p>Maintenance Plant: 1000</p> <p>Cost Center: CC00000001</p> <p>WBS Element: EAM_CAPITAL0111</p> <p>Main Work Center: CREW</p> <p>Equipment*: 10007796</p> <p>Equipment Description: Steam Generator</p> <p>Equipment Status: INST</p> <p>Asset: 300036</p> <p>Net Book Value:</p> <p>Show Net Book Value</p>
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[List of Maintenance Plans](#)
 [List of Open Work Order](#)
 [List of Open Notifications](#)

Main Plan	Main Item	Description	Strategy
310	700	ART TEST	

List of Open Work Order

Work Order	Type	Description	Basic Start Date	Basic End Date	PM Activity Type
4002100	PRVM	ART TEST	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	PM

List of Open Notifications

Notification	Planner Group	Description	Required Start Date	Required End Date	Requestor
500000661	008	ART TEST	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	Fri Mar 25 2022 05:30:00 GMT+0530 (India Standard Time)	INFDEV2

[Submit](#)

My Inbox application to Approve or Reject Asset Retirement Request

SAP Workflow Management’s “My Inbox” application enables line of business users to claim and complete their task. Please go through [SAP My Inbox documentation](#) for more details.

Approve Asset Retirement Request

An Asset Retirement Request can be approved using My Inbox application. Please refer help documentation on [how to access My Inbox](#)

Approve Asset Retirement Request

Approve retirement request for asset - 300036

Created On: Feb 25, 2022 Priority: MEDIUM
Cre: [redacted].com
Due Date: Feb 25, 2022

Request Details Comments History

Company Code: 9001
Plant: 1000
Cost Center: CC00000001
WBS Element: EAM_CAPITAL0111
Main Work Center: CREW
Equipment Number: 10007796
Equipment Desc: Steam Generator
Notification: 10005505
Asset: 300036
Asset Value: 12083.33 USD

Comments

History

Approve Reject Show Log Claim ↻

The Approval User Interface has three sections:

- Request Details – Details about the request. You can navigate to the SAP S/4HANA to view more details about the equipment, notification and work order.
- Comments – For user to enter comments
- History- Shows details about the previous approvals

The Approver can make the following decisions:

1. Approve
2. Reject

My Inbox for Exception Handling

When an exception occurs while deactivating work order, notifications, plans, equipment or while retiring the asset, the requestor of the retirement request will receive a task in My inbox in SAP BTP to take relevant actions.

The user has two options to handle the exception case:

1. **Manually Corrected** – When the user has already fixed the error (and deactivated the work order or notification or maintenance plan) in SAP S/4HANA, click on the **Manually Corrected** button to complete the workflow exception and proceeds with the further activities.
2. **Retry** – If the user resolves the cause of error in SAP S/4HANA, then click on the **Retry** button to re trigger the deactivation of relevant object.

Error Occurred While Deactivating Work Order - 4000402

Created On: Feb 22, 2022

Created By: mohammed.z02@infosys.com

Priority

MEDIUM



[Work Order Details](#) [Error Details](#) [Comments](#) [History](#)

Equipment Number: 10000579
Equipment Desc: Cap_Transformer
Notification: 10005493
Work Order: 4000402
Status: REL PCNF MANC MOBI PRC
Plant: 1000
Asset: 300027

Error Details

Type	Message
E	Order cannot be completed; account assignment not maintained
E	Order 4000402 could not be closed
E	Error during processing of BAPI methods

Comments

History

[User Id](#) [Role](#) [Decision](#) [Comments](#)

[Retry](#)

[Manually Corrected](#)

[Show Log](#)

[Claim](#)



The error handling User Interface has 4 sections:

- Work Order Details – Relevant details about the object that gets failed. For example work order, notification, Maintenance plans.
- Error Details – Shows the errors that were encountered
- Comments – To add user comments
- History – Shows details about the previous User actions

Process Visibility Workspace

Process Visibility capability in SAP Build Process Automation or SAP Workflow Management 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.

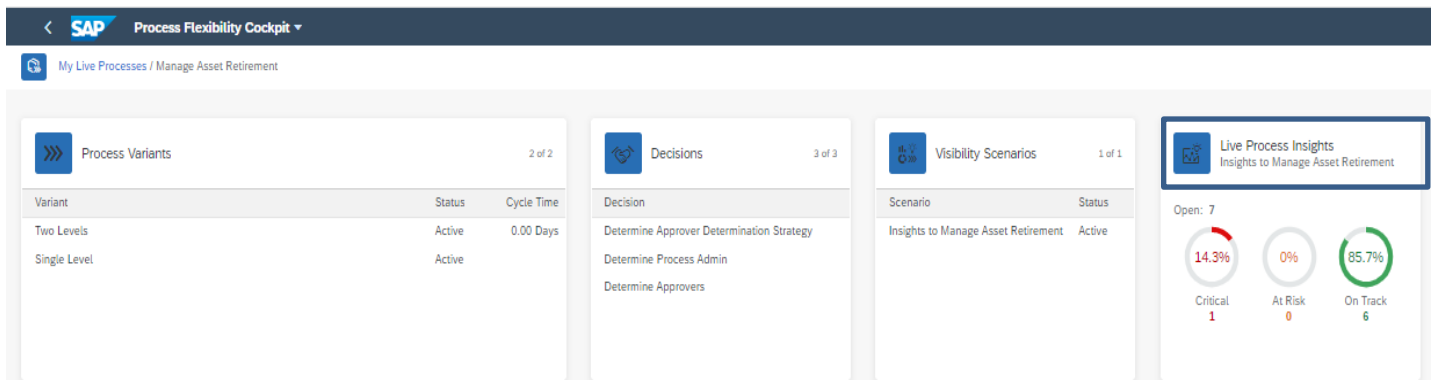
The **Manage Asset Retirement** package provide out of the box visibility to process performance indicators for all the deployed process variants in SAP Build Process Automation or SAP Workflow Management. A process owner or line of business expert will be able to enhance the visibility scenario.

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 “Manage Asset Retirement”. 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 detailed process visibility dashboard.

Access Process Workspace with SAP Workflow Management

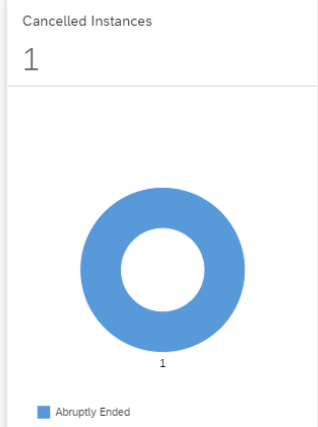
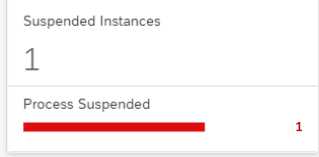
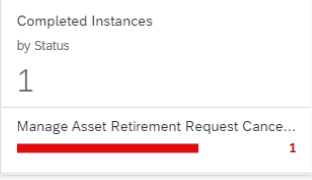
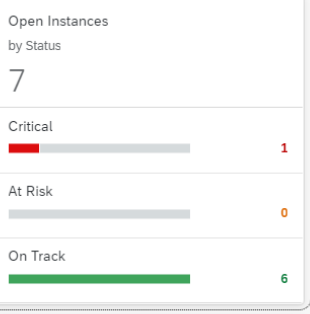
1. Go to Process Flexibility Cockpit.
2. Select **Manage Asset Retirement** tile.
3. Click Live Process Insights - **Insights to Manage Asset Retirement**.



Please go through [help documentation](#) on how to access process workspace.

Standard

Asset: Equipment: Company Code: Notification: Plant: Currency:
Cost Center: Variant: Variant ID: [Adapt Filters](#)



Failed Instances

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