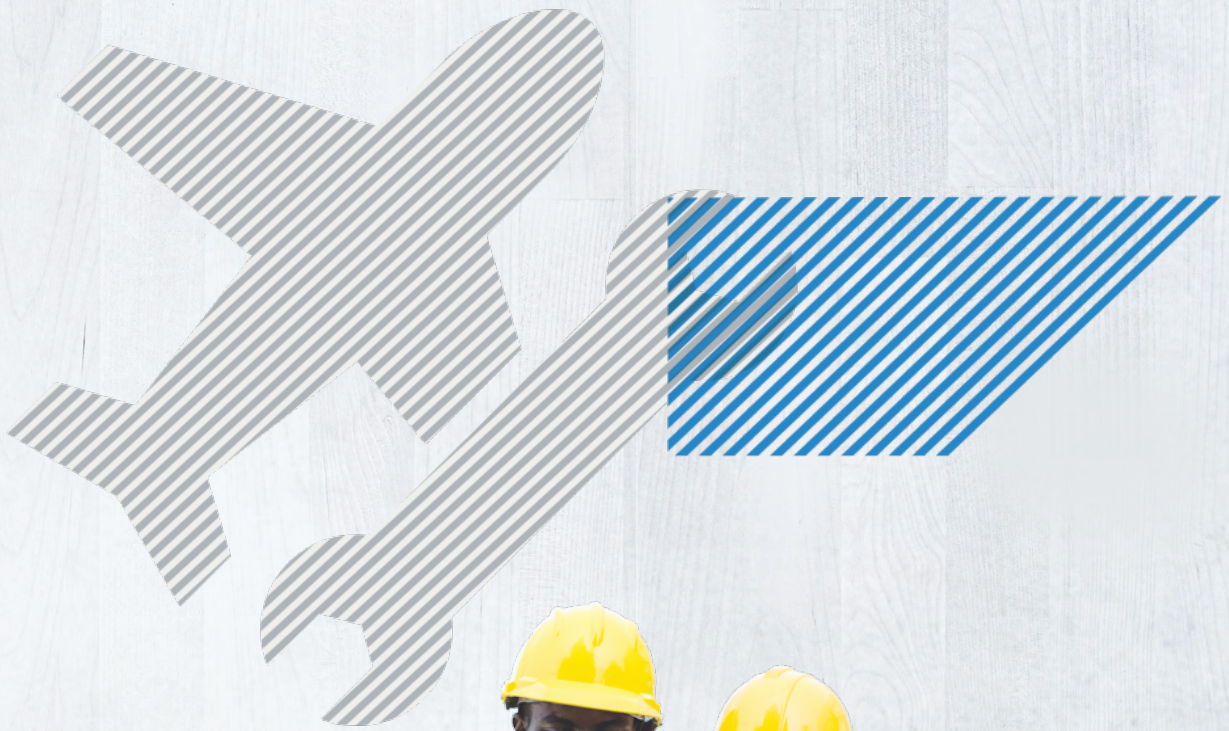


HCL

iMRO Digital Core

Induction Workbench



SAP, Done Better.

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iMRO Digital Core

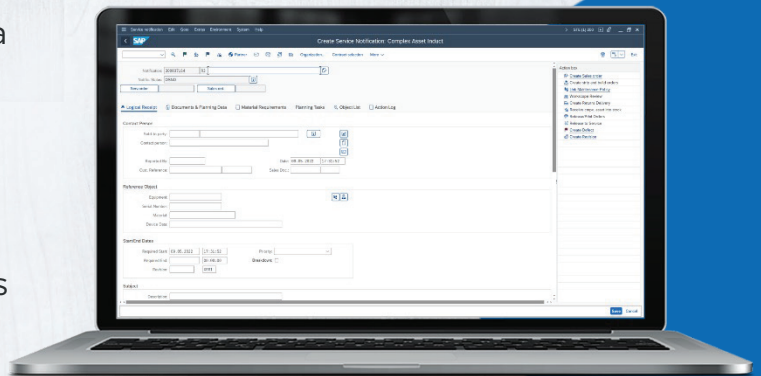
iMRO Digital Core is the central pillar of the iMRO/4 product family, adding extensive functionality into the heart of your SAP S/4HANA ERP system. It provides a wide range of user-centric workbenches, industry-specific functionality, and high levels of transaction automation, enabling you to deliver intelligent processes across your complex maintenance business.



Induction Workbench

Induction Workbench is an easy-to-use, single transaction workbench to induct a component or complex asset for maintenance, repair, or overhaul.

Setting up maintenance events, whether for simple component repair or large maintenance packages on assets such as aircraft and complex components can involve multiple steps and many data objects in SAP S/4HANA.



Induction Workbench brings these steps together into a single transaction, where they can be performed individually or together as a one-step induction.

Different types of assets have different maintenance requirements, and the workbench supports different scenarios based on flexible configuration options. In all cases, the workbench uses an 'induction notification,' or 'event notification,' to determine the relevant induction steps and track the progress of the asset through the course of the maintenance event.

Induction workbench uses the SAP notification action box concept to define different induction steps based on the type of induction notification. This in turn relates to the business scenario, and the type of asset being inducted. These steps may include asset creation, sales order creation (in the case of 3rd party maintenance), revision creation, asset receipt, component repair order creation and issue to order, complex asset mass strip and build order generation, workscope definition, and many other possible steps.

Benefits

One solution for all business scenarios

- Lean business process
- Simplified user training

Reduced process delays

- 60-second induction from component arrival to starting work on the shop floor

Improved data accuracy

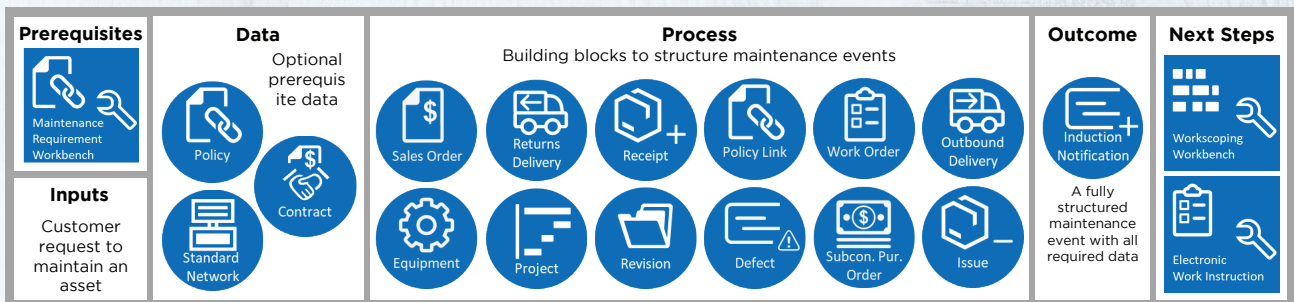
- Fully integrated data model
- Simple data entry

Simplified end-to-end event management

- Single object to track the maintenance event throughout its lifecycle from initial planning through to delivery

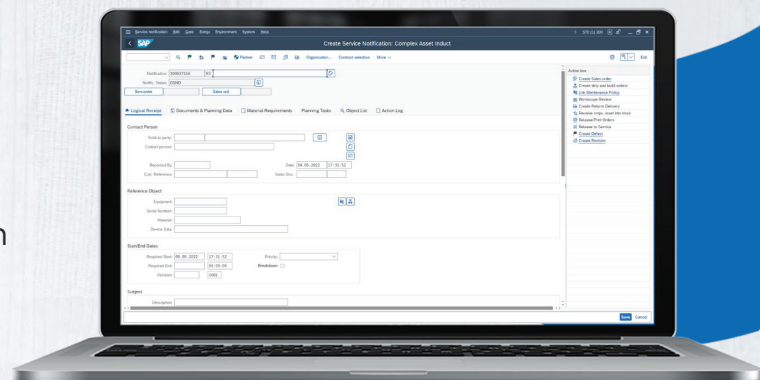
Features

iMRO Digital Core Induction Workbench



Create induction notification

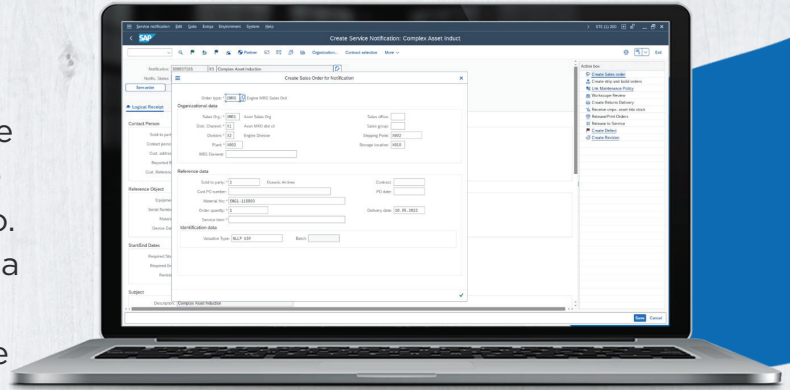
The notification type in SAP controls which actions (induction steps) are available in the action box. Therefore, each induction scenario (component, complex asset, aircraft, internal vs. third-party) has its own induction notification type. The induction notification is the common identifier for the maintenance event, and links to all subsequent transaction records belonging to the event.





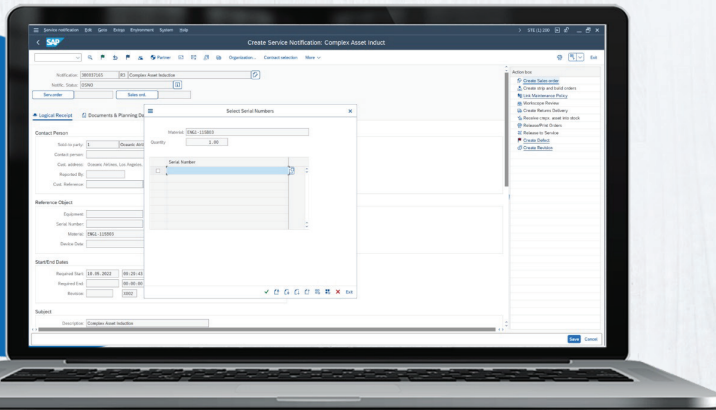
Create sales order (and project)

Third-party induction scenarios include the create sales order action. The type of sales order depends on the scenario. Simple component repair may involve a refurbishment type sales order and a single repair order, whereas in the case of complex asset repair the sales order may generate a project that is subsequently used to generate multiple routine orders.



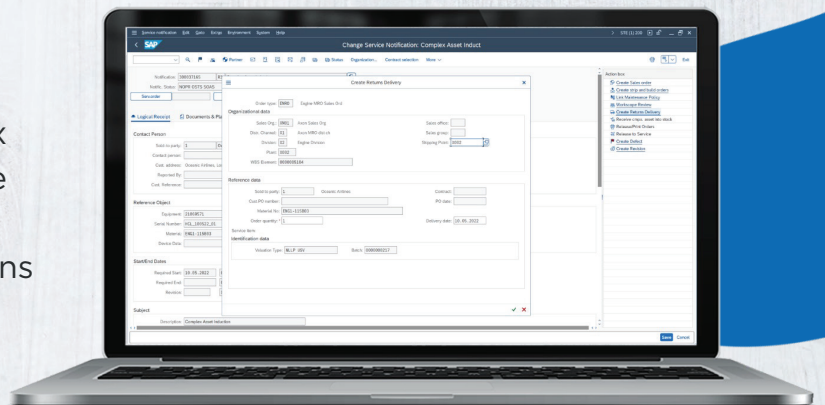
Create serial number

The serial number of the asset being inducted may or may not already exist in the system. If it doesn't exist, it can be created based on a predefined template.



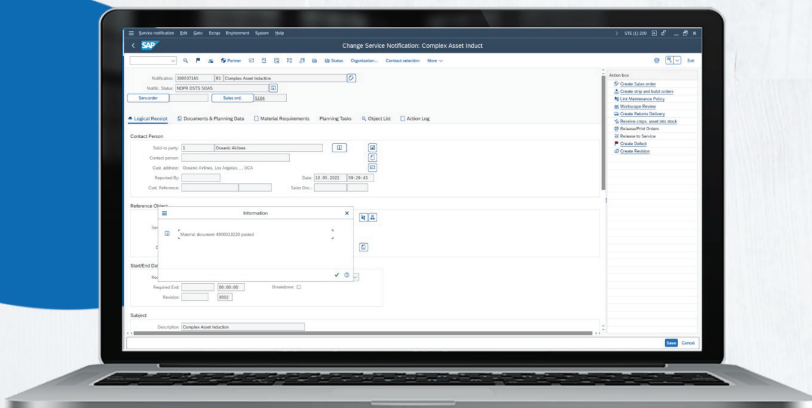
Create returns delivery

Third-party component and complex asset induction scenarios include the create returns delivery action. The customer asset is received into returns stock against the returns delivery.



Receive component into stock

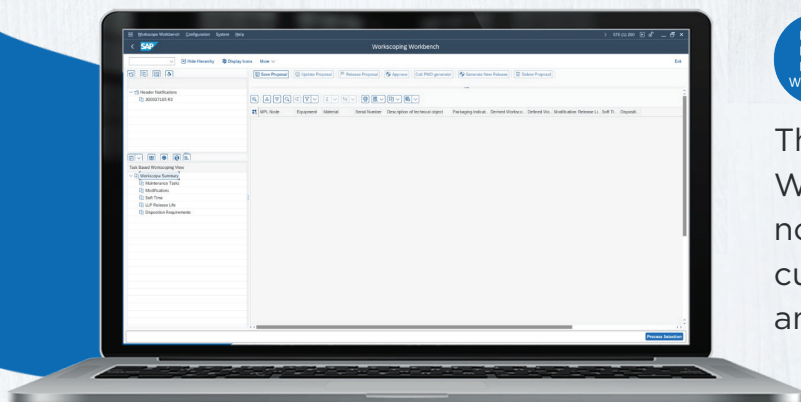
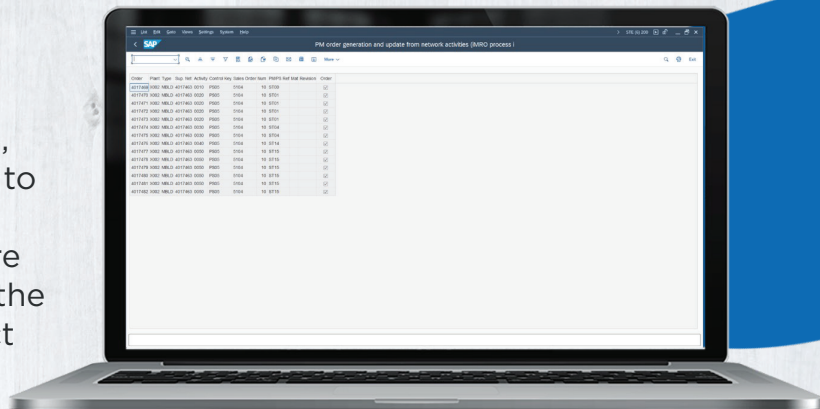
This action posts a goods receipt for the inducted asset into returns stock against the returns delivery.





Create strip and build orders

In the case of complex asset overhaul, this action triggers a background job to create routine orders to strip and reassemble the asset. These orders are created as sub-orders to activities in the superior network, linked to the project created for the event.



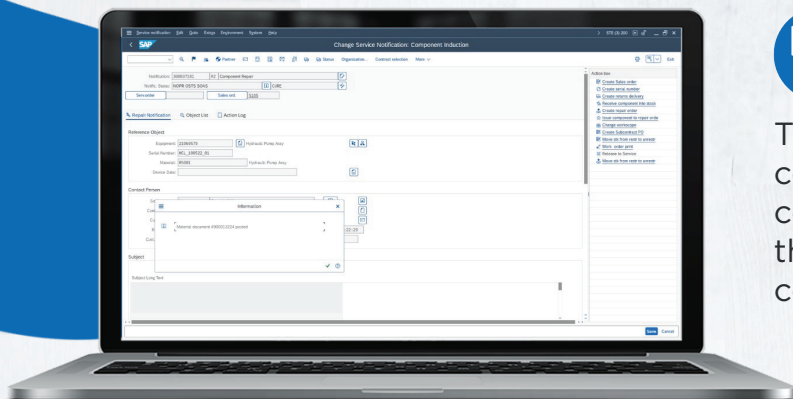
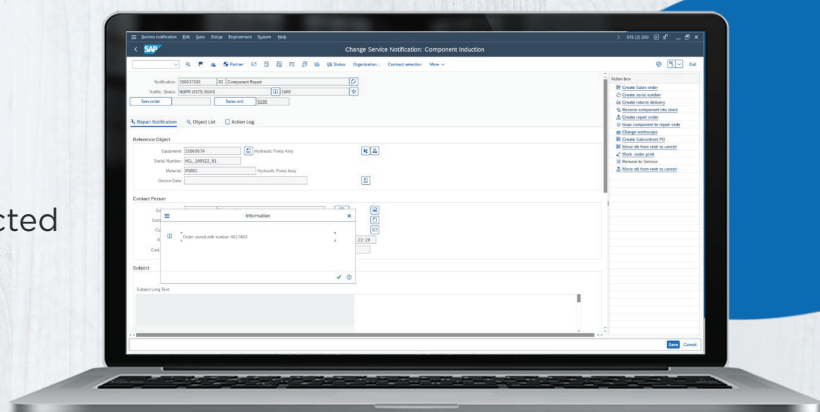
Change workscope

This action calls the Workscoping Workbench for the event (induction notification). The workscope for the current event can be reviewed and amended.



Create repair order

This action is relevant in third-party component repair. It creates a component repair order for the inducted component. This is a refurbishment order linked to the event sales order.



Issue component to order

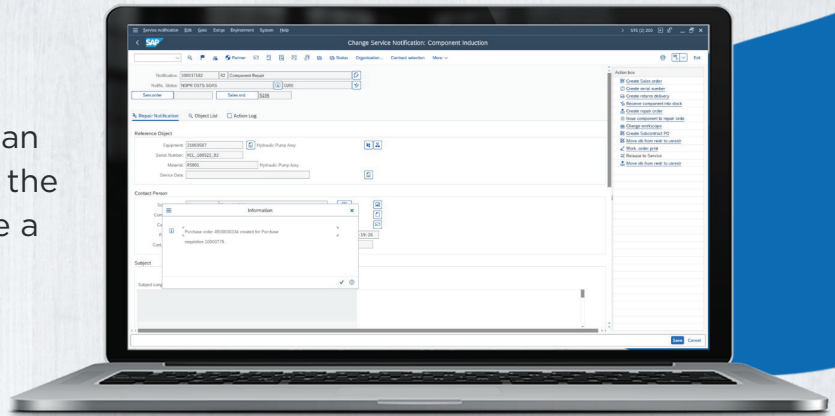
This action is relevant in third-party component repair. It issues the inducted component to the repair order created in the previous step, so that work can commence.





Create subcontract PO

In component repair, where there is an external (subcontract) operation on the repair order, this action will generate a subcontract purchase order for the inducted component.



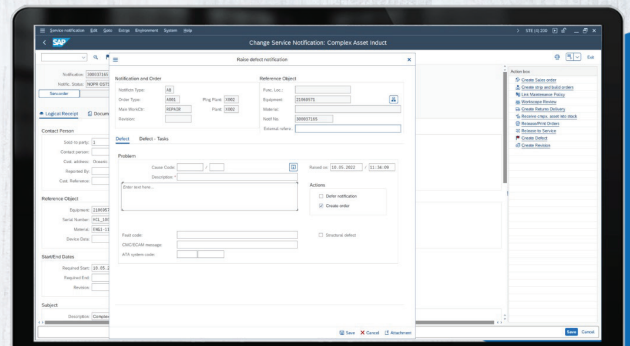
Link maintenance policy

In the case of third-party maintenance events, this action is used to link a customer policy document to the event (induction) notification. Customer policy documents are used to control the tasks and materials that the customer requires to be applied to their asset and is used in workscoping, dispositioning, and sourcing.



Create defect

This action creates a defect notification for the asset and links it to the event notification.



Create revision

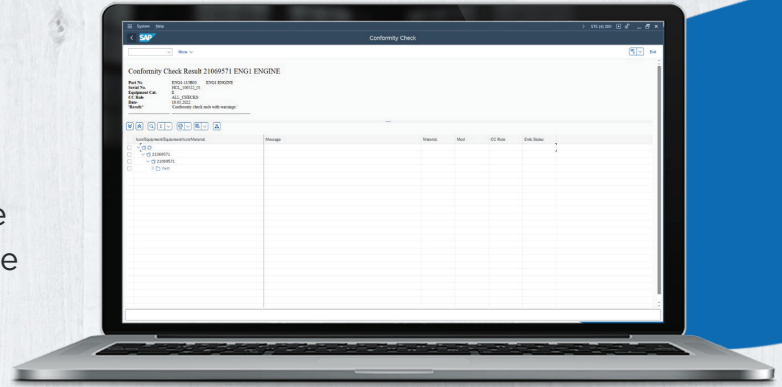
This action creates a revision, which is used to group the maintenance orders for an event.





Release to service

This action calls the conformity check function which checks that the maintenance event is complete, and the asset can be returned to service. If these checks are passed, the induction notification is closed signifying the maintenance event is complete.



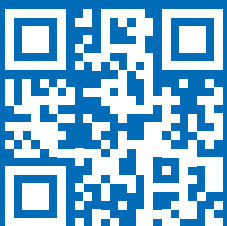
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