

HCL

iSAM

Maintenance Foundation

Comprehensive visibility of critical maintenance data for complex maintenance events



SAP, Done Better.

#SAPbyHCLTech

iSAM is a collection of products harnessing the latest SAP technologies to provide world-class intelligent service and asset management capabilities supporting the specific business challenges of complex asset Maintenance Repair and Overhaul (MRO)

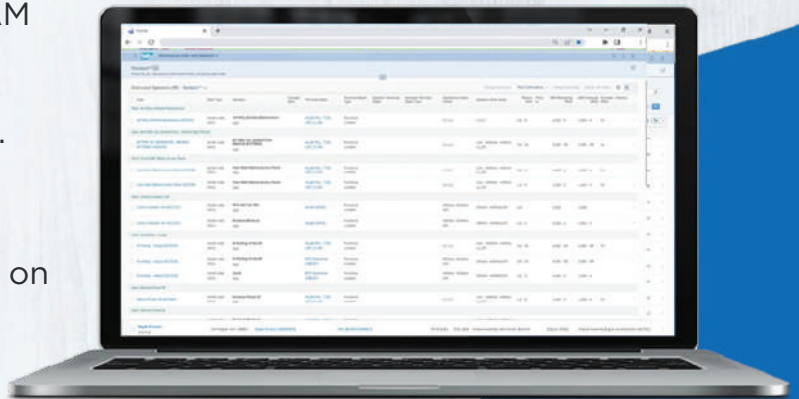
iSAM products can be adopted individually to solve specific business challenges directly by enhancing and integrating with the SAP S/4HANA Enterprise Asset Management solutions. They can also be adopted as a suite of capabilities providing integrated maintenance processes. iSAM can also be adopted alongside the iMRO Digital Core to provide a comprehensive set of MRO capabilities.

iSAM Maintenance Foundation

iSAM Maintenance Foundation provides comprehensive visibility of all critical maintenance data for managing large complex maintenance events. The iSAM Foundation apps enable maintenance technicians, planners, and production managers to perform system updates.

Large maintenance events such as facility shutdowns, turnarounds, and large complex maintenance packages on assets such as aircraft and complex components can span multiple weeks and include thousands of tasks. The events are often managed and scheduled using a combination of project planning and maintenance planning objects with complex data models.

iSAM Maintenance Foundation also provides comprehensive visibility of all critical maintenance data including notifications, orders, order operations, order components, network activities, and maintenance revisions (work packages). The apps also show the relationships between these data objects, for example, the many to many relationship between notification and work orders. The display of this data is then combined with embedded analytical insights on the data as well as create, update, and edit actions required to execute the maintenance tasks and resolve work planning and execution issues.



Benefits

Quick and easy reporting on the core maintenance objects with SAP Fiori

A comprehensive SAP Fiori application layer for the main maintenance objects:



Notifications



Orders



Order operations



Network activities



Revisions



Clear visibility of progress and alerts

Integrated progress and conflict alerts for start/end dates and material availability.

Handles the more complex maintenance data models

SAP work packaging and sequencing, and project-based maintenance (including notifications with many orders, order elimination, and orders assigned to network activities) are not supported by standard SAP apps.

Eliminates the need for many classical SAPGUI transactions

6 core Fiori apps with lists and detailed object pages. Over 20 update actions incorporated.

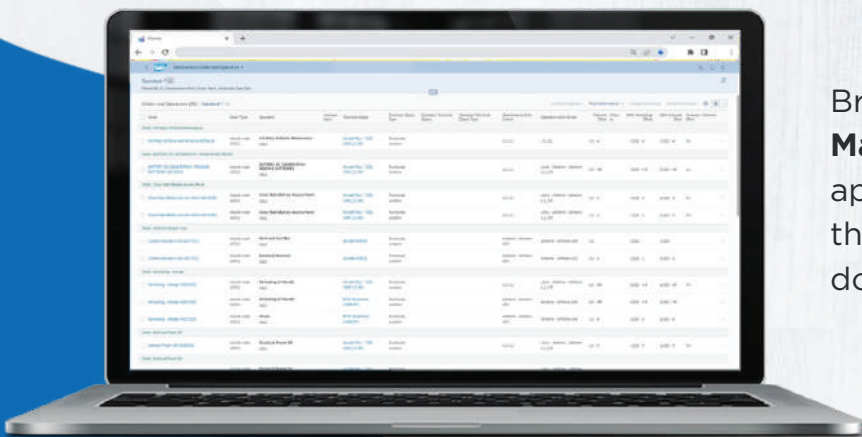
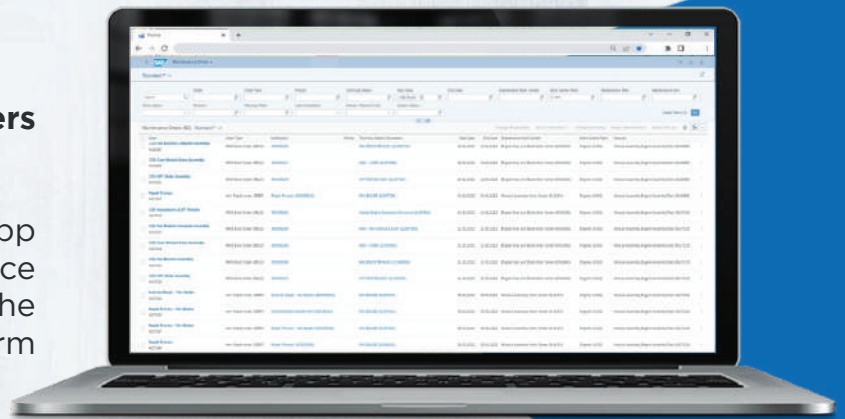
Handles customer service objects as well as plant maintenance

iSAM maintenance foundation handles both, whereas many standard SAP apps only handle plant maintenance.

Features

View a list of maintenance orders and drill down for further details.

The **Find Maintenance Order** app provides a filtered list of maintenance orders with the ability to drill into the detail of each order and perform updates.

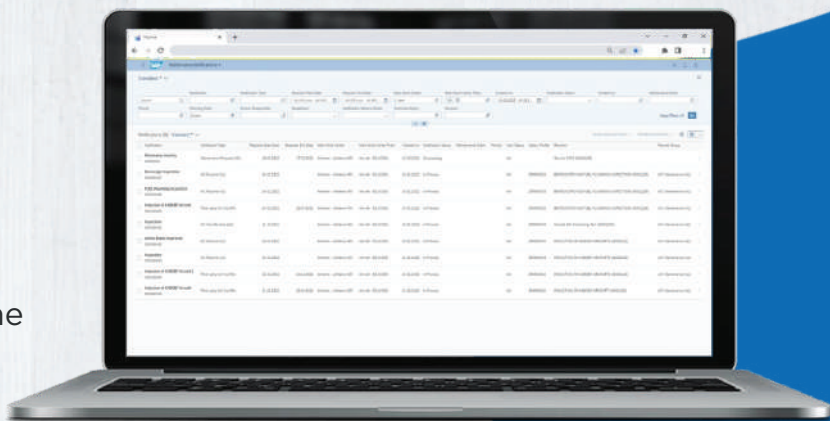


Branch from here to the **Find Maintenance Order and Operation** app to display a list of operations for the selected order and further drill down to the operation details.



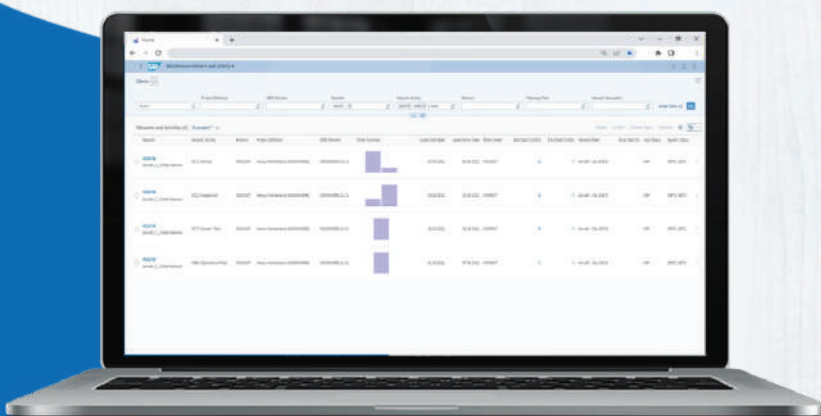
View a list of maintenance notifications and drill down for further details.

The **Find Maintenance Notification** app provides a filtered list of maintenance notifications with the ability to drill into the detail of each notification and perform updates. The detail page includes orders linked to the notification and the ability to branch to the **Find Maintenance Order** app to view the order details.



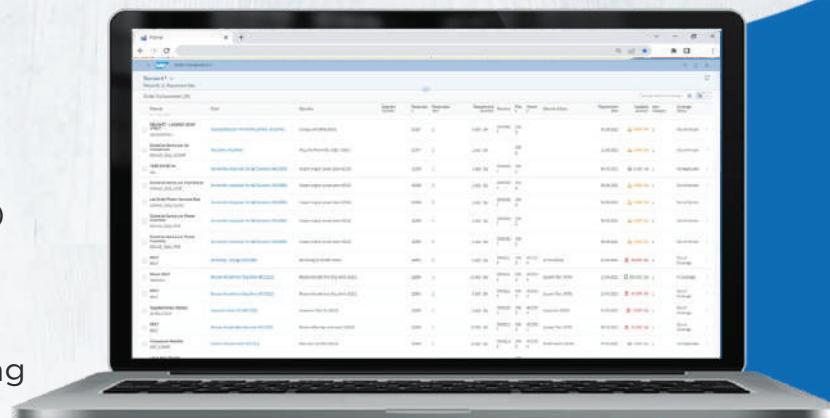
View a list of network activities and drill down for further details.

The **Find Network Activity** app provides a filtered list of network activities. Order date conflicts are shown on the list, and various update actions are provided. Drilling into the network activity detail page provides a list of related orders and the ability to maintain relationships between network activities.



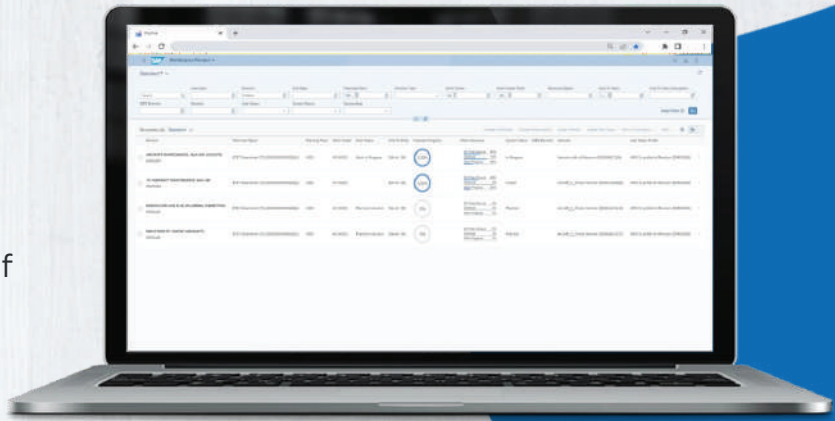
View a list of material requirements and review the coverage status.

The **Find Order Component** app provides a filtered list of order components (material requirements) for an event (revision) or a specific network activity. The material coverage within a 42-day-time window is displayed in the list. Drilling down into the component details displays further details of the material requirement.



View maintenance event (revision) details

The **Find Maintenance Revision** app shows a filtered list of revisions, including graphical views of revision calendar progress and associated order progress and status. A series of buttons allow specific actions to be directly carried out on the selected revision. A detailed view is available for each revision.



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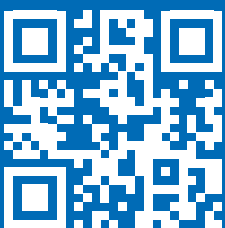
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