HCLTech | Supercharging Progress™

# **iSAM** Maintenance Operations Insights

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).

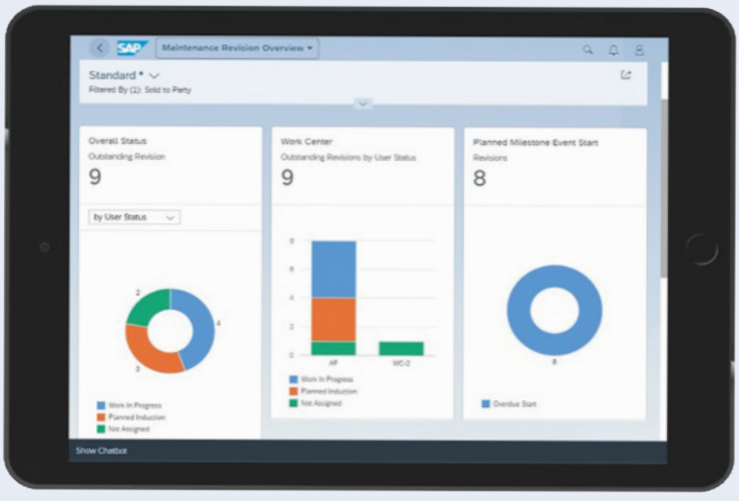
iSAM products can be adopted individually to solve specific business challenges directly by enhancing and integrating with the SAP S/4HANA Enterprise Asset Management solutions. They can also be adopted as a suite of capabilities providing integrated maintenance processes. iSAM can also be adopted alongside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

# Comprehensive embedded analytics for complex maintenance

HCLTech iSAM Maintenance Operations Insights provides a comprehensive suite of embedded analytics to help production managers ensure on-time completion of large complex maintenance events. This enables assets to be returned to service and ensures there is no unplanned disruption to business activities.

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. These types of events are often managed and scheduled using a combination of project planning and maintenance planning objects. The require detailed planning and close monitoring to ensure they are delivered on time and budget.

HCLTech iSAM Maintenance Operations Insights is a suite of applications providing a clear, early visibility of any potential issues across multiple planned maintenance events, with drill-down to a single event (work order progress and status, scheduling conflicts, material availability, effort and cost overruns and emerging work). These embedded analytics insights are designed to guide production managers to take appropriate actions and prevent any disruption to the maintenance event or delays to the overall plan.



# Benefits

### Early visibility of potential maintenance delays or cost overruns

Large maintenance events need detailed planning and close monitoring to ensure they are delivered on time and cost. HCLTech iSAM Maintenance Operations Insights provides a suite of planning insight dashboards including over 25 individual progress and planning insights.

### Insight to action

HCLTech iSAM Maintenance Operations Insights enables maintenance managers to quickly investigate by viewing details of the relevant maintenance events. The apps support drill-down and navigation to related apps to view details and take appropriate resolution actions.

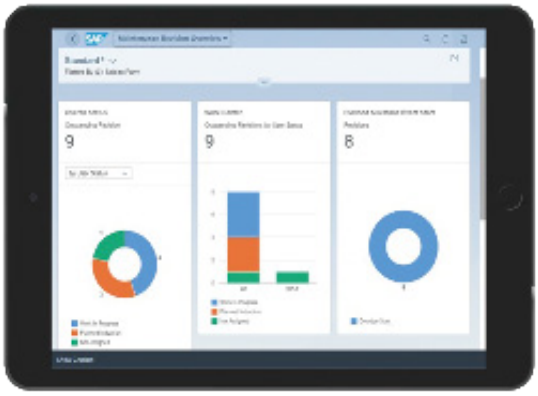
### Multi device compatibility

HCLTech iSAM Maintenance Operations Insights runs on any device, be it desktop, tablet or mobile. Rich, intelligent insights can be accessed from anywhere, anytime.

# Features

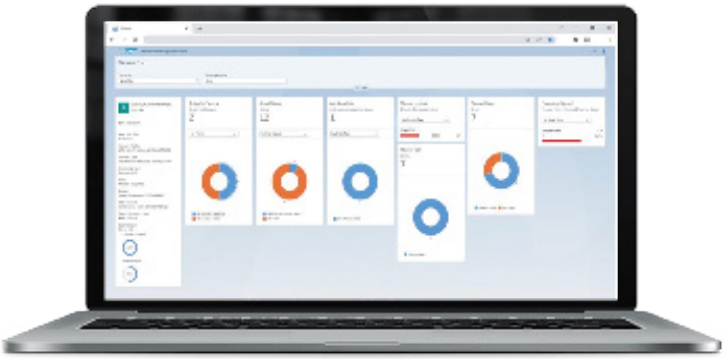
### Review overall status of maintenance events

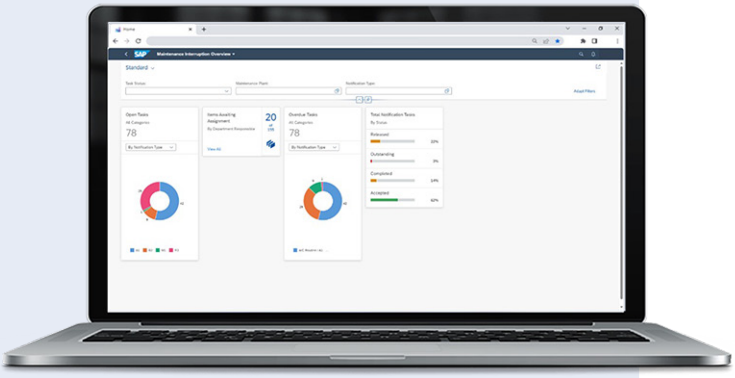
The **My Maintenance Revision Overview** app provides a series of analytical insights into overall maintenance event (revision) status. Revisions are filtered as required and displayed in graphical format by status, work center and milestone event (planned start and due finish). There is drill-down in each measure to display the data.



### View order status insights for a network activity

The **Network Activity Overview** app displays various order metrics for a network activity in chart format, including orders by status, late completed orders, actual vs. planned effort and cost, material component stock coverage, orders due to start/finish and start/end date conflicts.



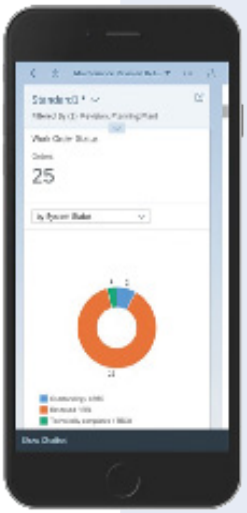


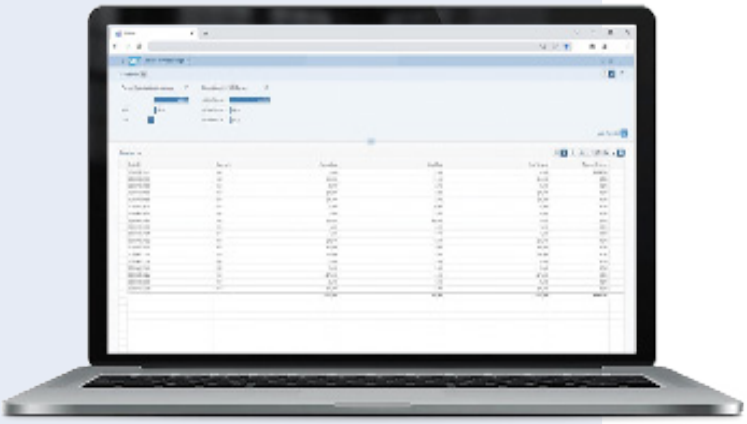
## Review overall status of maintenance interruptions

The **Maintenance Interruption Overview** app provides a series of analytical insights into overall maintenance interruption task status, allowing the user to focus on the most important tasks, drill-down in each measure to display the detail and react accordingly.

## View detailed insights into a single maintenance event

The **Maintenance Revision Detailed Overview** app provides a series of analytical insights into a single maintenance event (revision), including scheduling conflicts, work order status, material component coverage and margin variance, with actions supported through navigation to related apps.





## Report planned project margin

The **Planned Project Margin app** provides an analytical representation of planned project margin, calculated as the difference between planned revenue of the quotation for the revision and planned cost of orders in the revision.

# About HCLTech's SAP Practice

To get the best return on your digital investments, you need a partner that doesn't just do SAP right, but does it better. Our SAP practice works seamlessly with HCLTech's digital consulting, engineering services, IoT WoRKS™ and cloud infrastructure practices to design, implement and support tomorrow's integrated, intelligent solutions today. An SAP Global Strategic Services Partner, our team of 12,500+ consultants leverages insights, advanced accelerators and industry-acclaimed frameworks to deliver award-winning services from local offices across Europe, Africa, Asia and the Americas.

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