

Oracle Maintenance Cloud



Oracle Maintenance Cloud enables effective and efficient maintenance operations. With shrinking margins and declining capital spending, companies need to operate their assets with greater efficiency, uptime and effectiveness, while utilizing existing resources. An integrated asset management system is essential to achieve this. Built on a modern cloud platform, Maintenance Cloud provides maintenance and integrated supply chain materials management and costing, embedded analytics and '2-click' ease of use, optimizing your maintenance processes and maximizing user productivity. Cloud, desktop, tablet, mobile, scanning and social technologies are combined to provide a modern maintenance solution that enables you to efficiently plan and execute work, and achieve end-to-end visibility into your maintenance operations, all in the cloud.

EFFICIENTLY MANAGE YOUR MAINTENANCE OPERATIONS IN THE CLOUD

KEY BUSINESS BENEFITS

- Increase equipment reliability and reduce downtime
- Reduce maintenance costs
- Efficiently plan & execute work
- Rapidly implement using quick set up
- Attain end-to-end visibility into maintenance operations

MAINTENANCE SOLUTION IN THE CLOUD

Oracle Maintenance Cloud delivers a modern, integrated maintenance solution without the expensive hardware and system management overhead costs.

Visually Design Maintenance Processes

Oracle Maintenance Cloud provides intuitive, visualization, and web-based interface tools to build a foundation of maintenance organization data and design your maintenance processes. Quickly define the necessary master data for your organization hierarchy & process standards, including:

- Working calendars, work areas, work centers, resources
- Predefined library of standard maintenance operations (including resources and usages)

Visually define your maintenance processes using Work Definition. Define the maintenance operation steps, and then drag and drop resources and materials to the process to easily complete the flow.

Leverage Oracle Social Network to collaborate with colleagues and stay connected regarding updates to work definitions.

KEY FEATURES

- Optimized end-to-end supply chain business flows
- Ease of use with 2-click work order execution
- Flexible work order costing
- Embedded analytics driven navigation and real-time views into work orders
- Advanced graphical editing tool- visually design the work definition
- Automated process for managing outside processing
- Embedded Social Collaboration

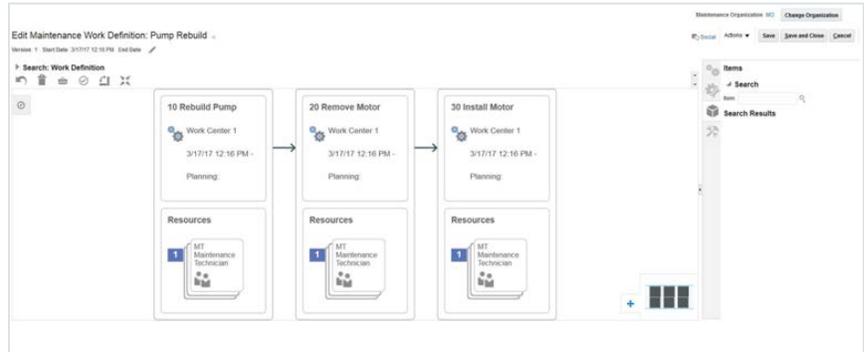


Figure 1. Work Definition - Visually design a work definition

Define and Manage Assets

Asset Definition is fundamental to your entire maintenance solution, enabling you to create assets so they can then be properly maintained and repaired.

Quickly and easily create a maintainable asset in Oracle Maintenance Cloud via four distinct flows:

- Create an asset via the Manage Assets page
- Procure an asset via Oracle Procurement Cloud
- Build an asset using Oracle Manufacturing Cloud
- Import asset via spreadsheet

Once an asset is created, you can collaborate with colleagues and stay connected regarding updates to an asset using Oracle Social Network.

Figure 2. Asset Definition – Create asset via Manage Assets page

Efficiently Manage Maintenance Operations While On the Go

The Maintenance Management landing page provides a quick look at critical information about your maintenance operations. You can view key metrics, and drill into the details to take action and resolve any issues. Metrics about your problematic assets, as well as the overall maturity of your maintenance program are also provided.

Work orders are socially enabled so you can collaborate on problems using Oracle Social Network, and Oracle Transactional Business Intelligence gives you quick and easy reporting capabilities. All designed for use on a tablet and/or smartphone, so you can take action on the go.



Figure 2. Maintenance Management landing page

The Maintenance Dispatch List provides an overall view of scheduled work, and changes to operations that may impact your priorities. This simple, intuitive, easy to use dispatch list, requires only 'two-clicks' to complete work orders, enter material and labor required to complete a work order, and enter work order completion information...again optimized for the tablet.

Work Order	Status	Asset	Item	Work Center	Completion Date	Suppliers	Supplier Site
MI-1736-20	In Process	F4500	F5000	Work Center 1	2/4/17 6:13 PM	Advanced Netw...	F03
MI-1675-20	In Process	F4500	F5000	Work Center 1	1/28/17 10:40 PM	Advanced Netw...	F03
MI-1674-20	In Process	F4500	F5000	Work Center 1	1/28/17 10:20 PM	Advanced Netw...	F03
MI-1736-10	Ready	F4500	F5000	Work Center 1	1/25/17 6:13 PM		
MI-1675-10	Complete	F4500	F5000	Work Center 1	1/18/17 10:43 PM		
MI-1674-10	Complete	F4500	F5000	Work Center 1	1/18/17 10:20 PM		
MI-1314-20	In Process	F4500	F5000	Work Center 1	1/11/17 4:10 PM	Advanced Netw...	F03
MI-1190-30	Ready	F4500	F5000	Work Center 1	1/23/16 12:51 AM	Advanced Netw...	F03
MI-1179-20	In Process	F4500	F5000	Work Center 1	1/22/16 9:00 AM	Advanced Netw...	F03

Figure 3. Review dispatch list, execute and complete work orders

Seamlessly Integrate With Your Outside Processing Supplier

Automate the process of managing both your internal maintenance operations and supplier operations for a work order. Streamline and effectively manage your extended supply chain to reduce cost, ensure timely work completion, and improve visibility.

- Manage, review and monitor supplier operations
- Create work orders with the supplier operation services included
- Receive and complete the supplier operations for serial-tracked assemblies from the supplier
- Review and print the work order traveler to provide details of the supplier operations
- Create and manage purchasing documents for the service.

Review and Analyze Maintenance Costs

Oracle has a robust cost management solution, supporting the costing and analysis of your maintenance processes. Flexible work order costing supports all costing methods – standard, actual, LIFO, FIFO – or even multiple simultaneous costs - one for your official external reporting, and one for your internal management reporting. You can define cost by asset, work order or type of work performed, providing you with the insight you need to control material and resource costs.

Monitor maintenance work order costs throughout the entire lifecycle of the work order, from initial charges through work order close. This insight is essential for determining the “repair vs replace” strategy for maintaining assets.

Cost Organization	Cost Book	Work Order	Asset	Item	Status	Plant	Currency	Total	Material	Resource
F0500OPPHL_DG	F0500CUPHOCB	CS11011	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	11,426.00	10,475.00	950.00
F0500OPPHL_DG	F0500CUPHOCB	CS11002	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	8,275.00	7,675.00	600.00
F0500OPPHL_DG	F0500CUPHOCB	CS11004	Generator - Da	Generator - Class	Released	F0500OPPHVORG	USD	100.00	0.00	100.00
F0500OPPHL_DG	F0500CUPHOCB	CS11005	Generator - Da	Generator - Class	Released	F0500OPPHVORG	USD	400.00	0.00	400.00
F0500OPPHL_DG	F0500CUPHOCB	CS11006	Generator - Da	Generator - Class	Closed	F0500OPPHVORG	USD	3,000.00	3,100.00	200.00
F0500OPPHL_DG	F0500CUPHOCB	CS11007	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	3,300.00	3,300.00	200.00
F0500OPPHL_DG	F0500CUPHOCB	CS11008	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	27,175.00	25,725.00	1,450.00
F0500OPPHL_DG	F0500CUPHOCB	CS11009	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	10,000.00	10,300.00	700.00
F0500OPPHL_DG	F0500CUPHOCB	CS11010	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	5,700.00	5,300.00	400.00
F0500OPPHL_DG	F0500CUPHOCB	CS11011	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	5,700.00	5,300.00	400.00
F0500OPPHL_DG	F0500CUPHOCB	CS11012	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	5,700.00	5,300.00	400.00
F0500OPPHL_DG	F0500CUPHOCB	CS11013	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	5,700.00	5,300.00	400.00
F0500OPPHL_DG	F0500CUPHOCB	CS11014	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	5,700.00	5,300.00	400.00
F0500OPPHL_DG	F0500CUPHOCB	CS11015	Generator - Da	Generator - Class	Completed	F0500OPPHVORG	USD	5,700.00	5,300.00	400.00

Figure 4. Review and Analyze Work Order Costs

RELATED SOLUTIONS

Oracle Inventory & Cost Management Cloud manages the inbound, outbound and internal flow of goods.

Oracle Installed Base Cloud provides a single source of truth for asset information, capturing and tracking key asset data

Oracle Transactional Business Intelligence for Maintenance Cloud

Oracle Transactional Business Intelligence provides flexible, ad hoc reporting capabilities directly from the transactional system, enabling you to easily query and generate reports, such as exceptions reports and current state performance reports

The screenshot shows the Oracle Business Intelligence interface for a report titled "Work Order Status by Asset". The interface includes a search bar at the top right and navigation tabs (Home, Catalog, Favorites, Dashboards, New). Below the report title, there are tabs for "Criteria", "Results", "Prompts", and "Advanced". The "Criteria" tab is active, showing a "Subject Areas" pane on the left with a list of fields including "Cancelled Reason", "Closed Date", "Contract Manufactu", "Purchase Order Na", "Released Date", "Scheduled End Date" (which is highlighted), "Scheduled Start Date", "Serial Tracking Flag", "Supplier Name", "Supplier Number", "Supplier Order Num", "Work Order Creatio", and "Work Order Descrip". To the right, the "Selected Columns" pane shows three columns: "Work Order", "Work Order Name", "Scheduled Start Date", and "Scheduled End Date". Below this, the "Filters" pane is empty, with a note: "Add filters to the analysis criteria by clicking on Filter option for the specific column in the Selected Column in the Filter pane header. Add a saved filter by clicking on add button after selecting its name in the catalog." and a "Add Filters Here." button.

Figure 5. Oracle Transactional Business Intelligence - real time, self service reporting

Users can view and analyze four key maintenance areas--work order execution, material usage, resource usage and asset - enabling you to run the reports you want, when you want them.

Oracle Cloud Applications

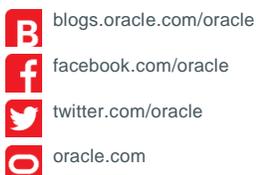
The Oracle Cloud offers self-service business applications delivered on an integrated development and deployment platform with tools to rapidly extend and create new services. The Oracle Cloud is ideal for customers seeking subscription-based access to leading Oracle applications, middleware and database services, all hosted and expertly managed by Oracle.



CONTACT US

For more information about Maintenance Cloud, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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Integrated Cloud Applications & Platform Services

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