

Oracle Complex Maintenance Repair and Overhaul (cMRO) Information Discovery

KEY BUSINESS BENEFITS

- Discover Information and Act Rapidly
- Reduce Operation Costs
- Improve Process Efficiency
- Identify Trends and Opportunities

KEY FEATURES

- Multi – faceted search empowers information discovery
- End to End process visibility for forecasting, planning and execution
- Comprehensive data analysis capability for MRO data
- Search on Flex fields, notes and attachments
- Fast Deployment and Quick ROI

Oracle Complex Maintenance Repair and Overhaul Information Discovery is a solution that allows MRO users to proactively manage their day-to-day operations, repair and overhaul services, as well as associated maintenance support services through an easy to use, intuitive graphical analysis tool. The solution leverages a set of interactive dashboards which allows users to monitor their active and historical maintenance and operational performance factors on timely basis. Combined with a powerful and intuitive search, guided navigation and drilldown capabilities, the Oracle Complex Maintenance Repair and Overhaul Information Discovery solution provides a powerful solution for managing and improving the efficiency, productivity and effectiveness of their MRO business.

Key Features at a Glance

MRO customers define, generate and collect a tremendous amount of data in support of their MRO business through their forecasting, planning and execution of maintenance processes. Often this data is hard to quantify in a meaningful medium which hamper the ability to identify issues, trends and opportunities to make the right decisions at the right time. This solution is focused on leveraging a customer's MRO data in an effort to improve their business goals by enabling users to:

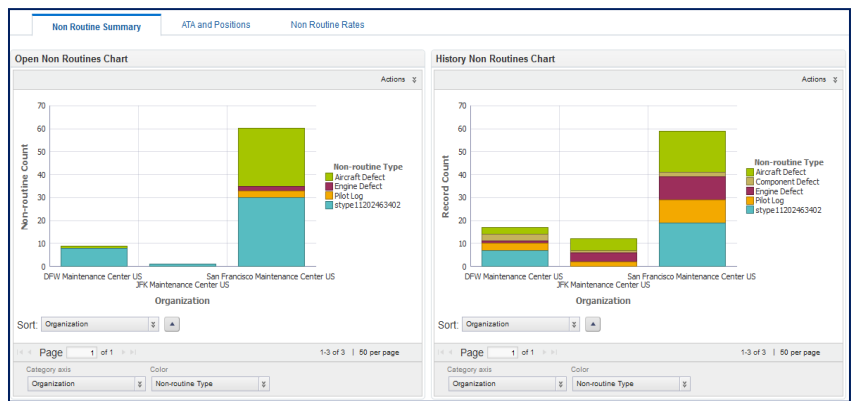
- Explore MRO Data by analyzing and understanding root causes through a combined set of data metrics and dimensions
- Quickly and easily identify and understand event trends by slicing and dicing the data to make smart, informed decisions
- Support strategic and tactical decisions based upon past performance, current status and future "what-if" scenarios
- Compare estimated versus actual maintenance due dates to determine planning vs. execution discrepancies along with root causes
- Improve maintenance efficiencies by highlighting bottlenecks and reducing Non Routine Maintenance rates
- Produce a comprehensive set of near-real time Operational and Maintenance KPI's on asset operational performance (interruptions rate, delays, cancelations, etc.) as well as repair operations (visit duration, work order completion, delays, non-routine rates, reliability metrics, etc.)

Key Benefits at a Glance

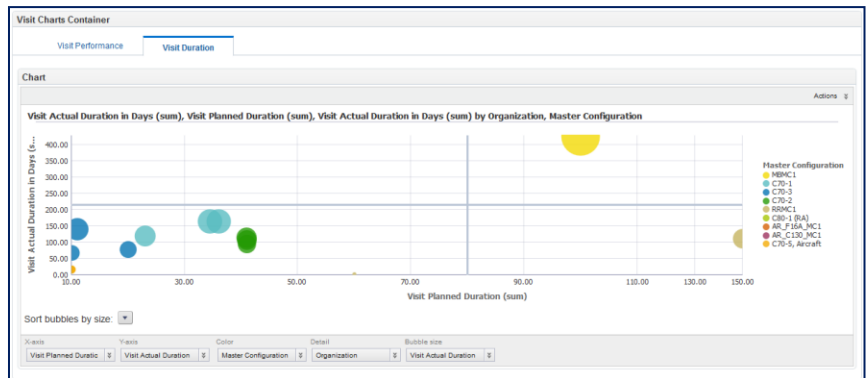
Analysis by User Role – The solution includes predefined user roles which are aligned with the key business functions of MRO organizations:

- Head Of Maintenance (HM)
- Line Maintenance Director (LMD)
- Heavy Maintenance Director(HMD)
- Complex Assembly Director (CAD)
- Component Shop Director (CSD)

Monitoring both actual and historical discrepancies - Discrepancies which are a result of the maintenance program compliance and monitoring processes are documented using Non Routines. Non Routine historical and current transactions are explored across the enterprise to determine root causes and impacts. These transactions are broken down into common Air Transport Association (ATA) standard codes, combined with asset degradation over time expressed in flight hour or flight cycles, to provide utilization rates calculations.



Improving turnaround time for maintenance execution - Maintenance visit and component repair batches are the common asset maintenance execution objects which can be monitored and evaluated for improvement. Users can explore their data through top-down as well as bottom-up analysis, providing the ability to review maintenance delays, maintenance space shortfalls, and asset and resource availability. This includes viewing job progress by planned and actual work load and through next due maintenance tasks. By cross-checking metrics and dimensions for what-if scenario impacts, users can react to current issues, while making changes to future planning and execution processes to improve maintenance execution turnaround time.

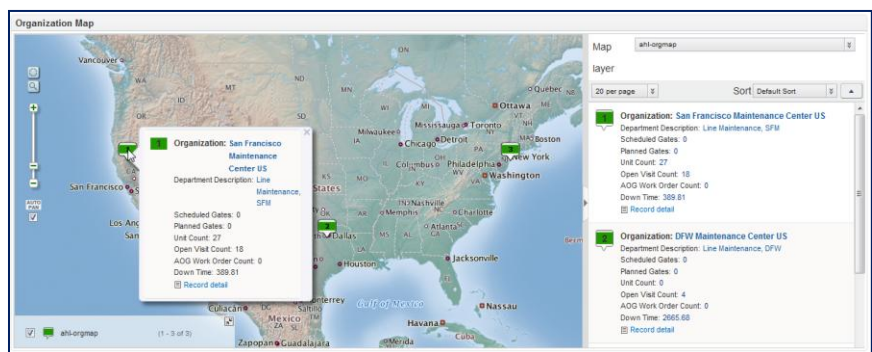


24/7 holistic view of line maintenance - Line maintenance performance is the show case for MRO users to their main end customers (i.e. the passengers). Most likely, the

overall operational dispatching of aircraft are influenced by:

- Operational environment influences such as Air Traffic Control (ATC), weather conditions, airport hubs logistics, etc.
- Maintenance issues with the aircraft which come out of the daily environment operations and unpredicted break fix scenarios

The more that maintenance performance is known and the influencing factors are understood, the better a line maintenance organization can react, adjust, and improve. The chief of maintenance needs to know and monitor a number of metrics to minimize the flight delays / cancelations due to maintenance tasks while at same time maximize the asset availability over the long term. The challenge here is met with cMRO Information Discovery's comprehensive solution that exposes these important metrics including watch items, critical Non Routines, and Aircraft on Ground (AOG) work orders to reduce the maintenance impact on daily flight operations.



CONTACT US

For more information about Oracle Information Discovery for cMRO, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



CONNECT WITH US

- blogs.oracle.com/oracle
- facebook.com/oracle
- twitter.com/oracle
- oracle.com

Integrated Cloud Applications & Platform Services

Copyright © 2015, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 1015