

# Oracle Enterprise Asset Management

## Modern Maintenance for Today's Enterprise

Oracle E-Business Suite Enterprise Asset Management solutions enable companies to drive maintenance best practices; empower all workers with easy-to-use self-service applications; and manage the full asset lifecycle with a complete view of all types of assets and equipment, while supporting compliance and corporate governance initiatives throughout the global organization.

Perhaps one of the biggest challenges for companies — especially asset-intensive organizations—is how to effectively manage all their different types of assets, without creating a huge management workload that adversely impacts the bottom line. Underperforming assets can have many negative effects on your company's operations. Asset downtime can disrupt production runs and lead to late deliveries. Inadequate preventive maintenance can result in major unbudgeted expenditures to repair or replace failing equipment. The key to effective asset management is knowing where a particular asset is in its lifecycle — at any given moment — and whether it is providing value to your business. If you know the current state of an asset, then you can intelligently plan and budget for updates, replacements and other changes in the asset's lifecycle. This strategic planning can have a huge impact on a company's bottom line.



### Oracle E-Business Suite Enterprise Asset Management

Oracle E-Business Suite Enterprise Asset Management (eAM) leverages integration with Oracle E-Business Suite to deliver critical information across many departments within an organization. Improve equipment reliability and plant utilization with solutions that offer real-time collaboration and adaptive procedures. Transform your organization from fragmented and reactive to customer-centric and predictive.

Oracle eAM enables organizations to:

- Support all types of diverse assets across multiple industries
- Improve productivity with real-time analytics and preventive maintenance schedules
- Align the value chain with demand-driven spares, MRO materials and maintenance management that is integrated with financials and operational scheduling
- Enforce compliance to better control risks, adhere to closed-loop inspection procedures, and ensure worker safety



### Manage a Multitude of Assets Across a Range of Industries

In order to address maintenance requirements across multiple industries or for enterprises that own diverse assets, Oracle eAM supports all types of assets, including Fixed Plant, Mobile, Infrastructure and Linear. Oracle eAM does this with a strong foundation, a flexible framework, and additional targeted capabilities.



### Key Benefits of Oracle eAM

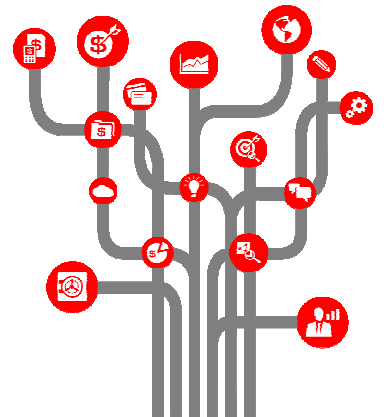
Implementing Oracle Enterprise Asset Management can result in real economic benefits. Some benefits Oracle customers have documented are:

Al Ghuhair: extended the life of its assets by 30%, improved productivity by 30%, and reduced equipment breakdowns by 40%

Cabot Microelectronics shortened its implementation cycle by 4 months and saved over \$5M in the first year

China Petrochemical: Achieved 156% ROI through better-cost management, rising manufacturing efficiency, reduced staffing needs and legacy system retirement

Gulf Extrusions: reduced equipment breakdown by 40% and extended equipment life by 30%



## Move to Preventive and Condition-Based Maintenance

Streamlining maintenance work is the first step in achieving effective maintenance strategies and moving from reactive maintenance-mode to preventive and condition-based maintenance. Oracle eAM enables users to create Work Orders with its Activities feature. These Activities are used to create a library of job plans and standard operating procedures used to drive Preventive Maintenance (PM) schedules. When implemented, a PM program helps organizations run more effectively and efficiently, with fewer unexpected breakdowns. Meters or Counters attached to assets can be used to report and track operating conditions. Oracle eAM offers unique capabilities to define multiple meters for assets and allows multiple assets to share these meters. Failure Analysis is an important component of maintenance. With Oracle eAM, users can define, organize and track failure metrics and history.



## Identify, Track and Manage Maintenance Issues and Asset Availability

Work Management is at the core of all maintenance operations and includes the identification of maintenance issues through work requests and the ability to execute maintenance work through work orders. Oracle eAM enables users to route work orders through any required approvals through Oracle Workflow. Maximizing asset availability, increasing plant productivity and decreasing maintenance costs are the enterprise objectives that work planning and forecasting can help achieve. Oracle eAM Maintenance Workbench can help simplify maintenance planning in a complex production environment.

## Plan and Manage Direct and Parts Materials

When combined with Oracle Inventory, Oracle eAM has the ability to plan and manage direct and parts materials. Users can identify parts needed from parts inventory or from vendor catalogs. These items can be processed based on material requested dates and work order status. Users can quickly issue and charge material to the work order or request that warehouse items be picked up at the appropriate time.

## Reduce Equipment and Maintenance Cost

Oracle eAM enables organizations to reduce equipment and maintenance costs through the effective collection of asset maintenance costs and work history. Oracle eAM enables users to estimate costs based on material, labor and equipment requirements. These costs can provide the basis for work order approvals. And once the work is done, actual costs are generated and tracked to enable managers to make informed decisions about maintenance trends, an asset's operational cost and replacement strategies. In addition to maintenance costs, work history is also captured and retained, which enables managers to make better decisions about future maintenance work. Oracle EAM Analytics provide key performance indicators for management to evaluate its maintenance costs and operations over time. Oracle eAM can also improve your ability to forecast maintenance costs with its budgeting and forecasting functionality.



## Oracle Enterprise Asset Management: The Complete Solution

Oracle eAM provides a complete maintenance solution that enables best practices for maintenance management. It supports preventive, condition-based, reactive and emergency maintenance to all types of assets. Seamless out-of-the-box integration to Oracle E-Business Suite supports an uninterrupted, real-time function and information flow for asset management. A complete work management solution, including forecasting, planning, scheduling, execution and completion, provides the necessary tools to increase maintenance efficiency and maximize asset availability



"Maintenance is a crucial function needed to ensure the production of safe and high quality products. Oracle Enterprise Asset Management is critically important to USANA by providing robust functionality that allows us to access more data, derive more value from our assets and uphold our high standards within a regulated manufacturing environment. This data gives us insight to performance, helps forecast needed maintenance and lowers costs"

Casey Behan, Enterprise Asset Tech, USANA



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