ORACLE UTILITIES WORK AND ASSET ANALYTICS

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Oracle Utilities Work and Asset Analytics removes cost and time needed to take action on key performance indicators related to asset performance management and investment planning, including backlog, preventive maintenance, asset health scores and criticality, compliance, asset performance trends, and maintenance budget spending. It does so by embedding views of this data within out-of-the box analytics dashboards available in Oracle Utilities Asset Management System. It also removes confusion and error from decision making by pushing to the system user prioritized activities that are of most value to the utility and its customers at any given time.

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KEY FEATURES

- Displays asset details as charts, trend lines, and other graphics, right out of the box
- Developed with direct input from extensive utility customer base
- Offers guided and ad hoc analytics, advanced reporting and publishing, and the ability to invoke business processes
- Leverages organizational hierarchy to provide answers for any level in the business
- Supports very large data volumes
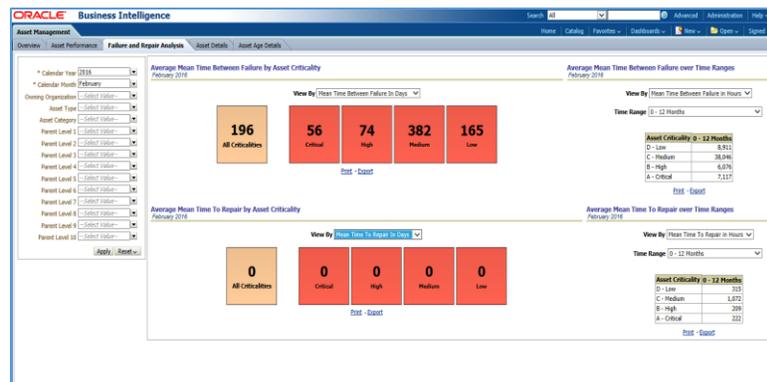- Features easy configuration, extension, and upgrade

KEY BENEFITS

- Speeds and improves the quality of asset decisions
- Slashes time and cost of business intelligence implementations and upgrades
- Provides easy ways to measure asset performance and maintenance effectiveness

Out of the Box Value

Oracle Utilities Work and Asset Analytics provides pre-built dashboards that help managers and executives:

- Take immediate action on key performance indicators
- Leverage high-value analytics developed by utilities
- Grasp and analyze vital asset metrics.
- Use those metrics to predict future costs of maintenance and repair.
- Make better buying decisions.
- Monitor investments in ways that help them increase less expensive proactive operations while decreasing more expensive reactive operations.

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Embedded Analytics Dashboards

Oracle Utilities Work and Asset Analytics pre-built dashboards include:

- Overview, which presents metrics that provide an asset view of the overall health of the organization. The metrics include:
- Goals for the percentage of proactive work to be undertaken, as compared with the actual percentage.
- Actual costs compared with estimates.
- Inventory, which lets you drill down and compare transaction volumes, the distribution of items within a storeroom, and inventory levels by year, quarter, and month.
- Cost and Expenditure, which shows where you are spending maintenance dollars with respect to work order costs and asset costs. This dashboard provides detailed views of actual vs. estimated costs, broken out by labor, materials, and contract. It also facilitates failure analysis.
- Work Order, which shows where labor hours are being charged. It identifies the assets that require the most work.
- Maintenance, which presents a variety of asset metrics, including the growth of assets over time and the time required to maintain and repair them.

Answers to Key Questions

Oracle Utilities Work and Asset Analytics will answer key business and asset health questions, such as:

- How old are my assets and what condition are they in?
- Which critical assets are in poor condition?
- What are the performance trends across assets and over time and are they getting worse or better?
- How many failures have occurred on critical assets and how much is that costing the business?
- Where am I spending the most money in my organization on maintenance?
- What assets have the most downtime and what is the asset criticality of those assets? What asset types have the highest labor hours and cost?
- What is the trend in overtime hours?
- Which critical assets have overdue preventive maintenance (PM) and how overdue are those PMs?
- What is the trend in PM program compliance?
- Is the amount of corrective maintenance affecting PM work?

Benefits

With most business intelligence tools, experts require two to four weeks to build and test each dashboard. Oracle Utilities Work and Asset Analytics dashboards, in contrast, arrive pre-built. Just enter a few service keys and you're ready to go.

The Oracle approach to business intelligence also accommodates emerging needs. Dashboards are easy to add and modify. And analysts with ad hoc reporting needs can simply "drag and drop" to create tables and to change the views quickly to charts, gauges, pie charts, histograms, and similar displays.

Because the dashboards use intuitive and familiar graphics (stoplights, alerts) and tools (e.g. drill-downs, spreadsheets, hover texts), training time is minimal.

Once in place, Oracle Utilities Work and Asset Analytics improves decision-making speed and accuracy. The results:

- Better asset decisions.
- Faster assessment of current and past asset performance.
- Clearer communication with the regulators who are assessing asset performance and requirements.

CONTACT US

For more information about Oracle Utilities Work and Asset Analytics, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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