



Oracle Utilities Work and Asset Cloud Services

# Analytics Visualization

Out-of-the-box visualizations provide a clear and immediate picture of asset health to avoid costly disasters, improve uptime, and increase longevity – quicker, and at far less cost.

## UNCOVER THE STORY YOUR ASSET AND WORK DATA IS TELLING

The digital world provides utilities with volumes of data. The challenge is how to effectively reveal the story that data is telling to help drive fast accurate decision-making.

## IMMEDIATE VALUE, IMMEDIATE ROI

Today's asset operations leaders need to eliminate costly reactive work, improve performance reliability, and optimize the ability to make more informed investment decisions. Oracle Utilities Work and Asset Cloud Service (WACS) with Oracle Utilities Analytics Visualization is a flexible and modular solution built on a scalable and reliable platform. It improves informed decision-making and enables greater efficiency of existing systems and immediate ROI by providing decision support to optimize resource, materials and allocated budget.

## ROBUST OUT-OF-THE-BOX SOLUTION

WACS with Analytics Visualization is a foundation to Asset Performance Management.

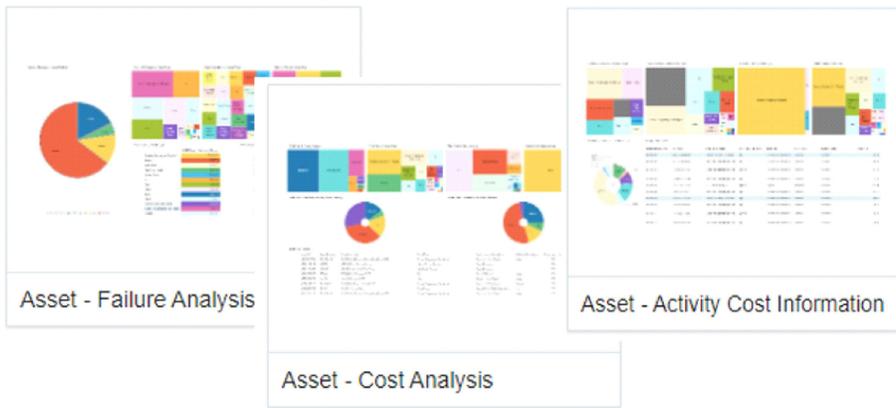
Breaking down data silos, WACS brings together best-in-class capabilities for asset and operational device management, GIS, and mobile field service in one platform. Unlike other solutions that only offer the star schema for reporting, WACS offers nearly 200 (and growing) pre-defined visualizations and base calculations out-of-the-box. With data displayed on easy to consume dashboards, utilities gain the ability to bypass the need for costly data manipulation. And with all the data coming from the same reporting structure, utilities can compare metrics and benchmark their performance against set goals and KPIs.

Pre-built visualizations allow users to filter data on countless criteria. Choose from an extensive library of pre-built calculations to quickly build custom visualizations. Data flows freely into the system from smart connected assets and devices to help identify and easily visualize infrastructure weaknesses throughout the lifecycle of the asset.



### WACS Analytics Key Benefits:

- **Out of the box calculations** – pre-defined content provides **immediate** value and insights. No additional costly and time-intensive data scientist investment needed.
- **Automatically provisioned for all WACS implementations** – ready for immediate use on day one.
- **Prevent failure and improve asset integrity** by identifying risks of asset failure faster and easier.
- **Enhance intelligence** – prebuilt visualizations and base calculations make it easy to visualize integrated data from other systems in a single system of record.
- **Actionable** – quickly create work orders based on the criticality and condition of assets.
- **Drive down maintenance costs** by increasing proactive work levels and prioritizing projects.
- **Optimize** - benchmark performance, to enable accurate investment planning based on asset conditions.



WACS with Analytics Visualization ensures you can measure and continually improve performance by providing comprehensive and centralized support of all fixed and linear assets as well as intelligent devices. With intelligence that's detailed, accurate and easily accessible, the time between insight and appropriate action is shortened to optimize the entire asset lifecycle and deliver on mission-critical benefits.

This enables business stakeholders to drive fast, intelligent, effective decision-making that improves the top and bottom line.

The result is an end-to-end, low-cost solution that maximizes the value assets can deliver at the lowest risk and operating cost.

#### Key Features:

- **Extensive library** of pre-built utility-specific Datasets, KPIs and Data Visualization content.
- **Numerous of out of the box canvases and visualization types**, easily customizable.
- **Real-time** operational analytics enabled by In-Memory columnar storage.
- **Cross domain and cross system analytics** bring multi-source data together for simplified and deeper insights.
- **Extensible & customizable** to meet your specific business needs with an intuitive and user-friendly interface.

#### Valuable Use Case Examples:

- Root out bad actors – identify and take action on assets with issues directly to the asset record within WACS
- Asset failure causes and failures
- Asset cost analysis

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