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Oracle Utilities Work and Asset Cloud Service

It's one of the hardest jobs in the utility business, maximizing the value of your assets. With tightening budgets, regulatory pressures and greater resource complexity, managers need the right tools to thrive amidst this industry transformation. Oracle Utilities Work and Asset Cloud Service (WACS) sets a new standard with an end-to-end, low-cost solution to get the most out of your assets and workforce.

Embrace the Future of Enterprise Asset Management

Strong forces are disrupting today's utility industry. Smarter systems, sensors, devices and digital ways of working have the potential to enable utilities to forecast, track, and control consumption, and optimize their resources and processes accordingly. However, this leads to exponentially more data to manage securely and effectively – and that often results in added IT complexity and large investments just to play catchup.

Cloud solutions offer flexibility and modularity, providing a scalable, reliable platform for every utility company's core business. At the same time, it enables greater efficiency of existing systems and innovation for the future. Cloud is also a quicker route to new features and functionality, so it's simpler to stay ahead of industry trends and challenges. And in the long term, cloud saves money by helping to attract a new generation of employees and delivering a seamless and consistently higher level of customer experience.

Bring Efficiency to Work and Asset Performance Optimization

Oracle WACS ensures you can measure and continually improve performance by providing comprehensive and centralized support of all fixed and linear assets as well as the growing portfolio of 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 an array of mission-critical benefits

Key benefits include:

- Harness real-time asset condition monitoring to improve capital planning
- Improve asset performance by dynamically adjusting maintenance based on changes in operation
- Drive down maintenance costs by increasing proactive work levels
- Eliminate unnecessary work
- Enhance operational efficiency and reduce costs via embedded industry proven best practices

Achieve mission-critical outcomes:

- Reduce risk across the enterprise. Decrease the cost of work. Increase asset reliability
- Minimize the impact of equipment failure and work on customers
- Avoid regulatory scrutiny due to operational error
- Maintain workforce skills
- Reduce on-off inspection visits
- Reduce manual data collection tasks

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Embedded Asset Performance Management

WACS offers a range of Asset Performance Management (APM) capabilities to enable a prescriptive approach to APM. Whether users need basic asset performance scoring or more advanced data science driven forecasting, WACS can help integrate newer APM programs into asset operations. Utilities can utilize IoT, track sensor data, and bolster asset risk profile assessments allowing for an easier transition away from the historic, run-to-failure operation of utility assets and towards the future of predictive asset management strategies.

Key Features Include:

- Support for all asset types
- Asset condition assessment
- Automated situational maintenance
- Maintenance history automation
- Single system asset data repository
- Job templates
- Out-of-the-box embedded analytics
- ERP and Supply chain management
- **GIS integration* (shown below)**
- Construction Work Management Functionality

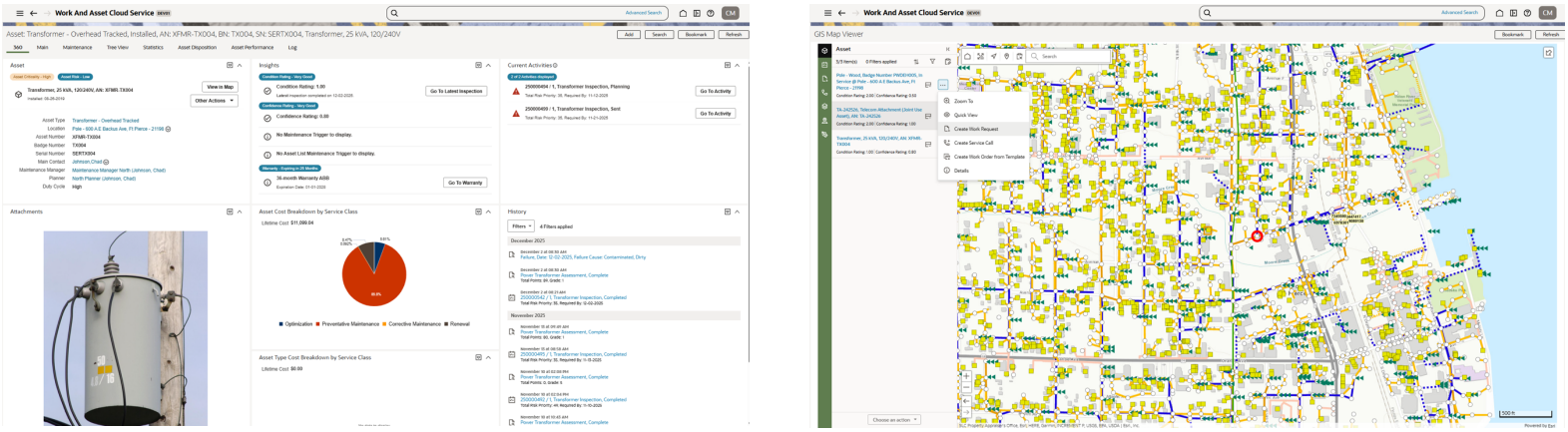

Figure 1 – Asset 360-page (Left) GIS Map viewer (right) *ESRI ArcGIS required

Comprehensive Utility Work and Asset Management

Oracle Work and Asset Cloud Service transforms utility work and asset management by delivering a **unified, secure, cloud-ready platform that enhances reliability, reduces costs, and maximizes asset performance**. It empowers electric, gas, water, and wastewater utilities to centrally manage asset tracking, preventive and predictive maintenance, work-order scheduling, inventory, resource allocation, and visual tracking. **Built-in Asset Performance Management** offers real-time asset health visibility and proactive risk detection, enabling utilities to transition from reactive repairs to predictive interventions, extending asset life, reducing unplanned downtime, and lowering overall O&M costs. **Designed exclusively for utilities,** WACS supports complex asset types, from linear infrastructure and smart devices, and **integrates seamlessly with industry-critical systems like GIS, ERP, and mobile workforce management**.

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