

Oracle Internet of Things Asset Monitoring Cloud Service

ORACLE® INTERNET OF THINGS ASSET MONITORING CLOUD

KEY FEATURES

- A ready-to-use business application
- Simple user-interface based customization and configuration
- Designed for business users
- Easily add assets and associate with Internet of Things sensor device(s) for location and status data
- Intuitive dashboard style views with rich filtering/search capabilities providing accurate, timely KPI and location information about individual assets or whole asset classes
- Easily compose rules for incident report generation based on asset movement, operational outages or alerts from asset sensor devices

The Internet of Things is driving an industrial revolution termed as Industry 4.0. A major challenge to businesses is the cost and complexity of integrating Internet of Things device data into existing operations. Corporations whose performance depends on efficiency in the management and utilization of physical assets demand easy solution deployment, and a rapid demonstration of the benefits of Internet of Things automation and analytics. Oracle makes this possible with the introduction of a customizable Asset Monitoring application based on the Oracle Internet of Things platform.

Locate Assets Instantly

Track and located your assets instantly with Oracle Internet of Things Oracle Asset Monitoring Cloud. Using modern Internet of Things technologies, you will track your assets, both fixed and mobile, in real-time. Search for your assets geographically or based on asset specific information such as manufacturer, model and descriptive attributes you associate with the asset. Search results can be displayed using the Internet of Things Asset Monitoring Cloud web interface or mobile application providing a real-time view of your assets whenever you need it.

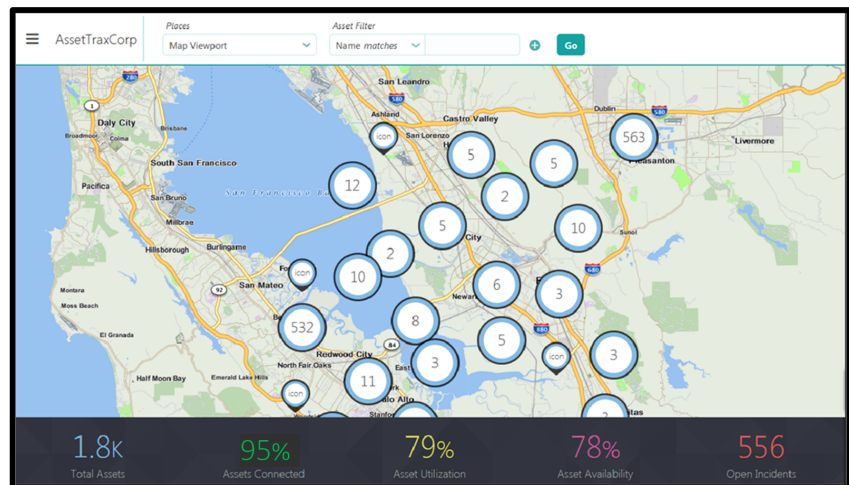


Figure 1: Oracle Internet of Things Cloud Asset Monitoring Cloud Geographic View

Ensure Availability and Utilization

In addition to simply locating your assets, with Oracle Internet of Things Asset Monitoring Cloud you will start monitoring assets quickly with pre-built business dashboards and rich pre-defined KPIs for asset health, utilization, availability. These

KEY BUSINESS BENEFITS

- **Improved asset visibility.** Extend asset management practices and logistics operations by leveraging asset health and location data.
- **Real-time insight.** Optimize asset utilization by quickly identifying underutilized assets based on real-time data.
- **Manage resources.** Quickly identify and locate assets to maximize utilization of assets.
- **Secure and scalable.** Benefit from a robust, enterprise-grade solution for asset monitoring.

KPIs provide an out of the box experience that enables you to instantly see how your assets are being utilized. You will be able to identify such things as

- Specific assets that are in use, in storage or out of service
- Utilization of assets based on specific asset characteristics
- Assets that are underutilized or oversubscribed
- Unauthorized movement or removal of assets

Prevent Asset Theft and Misplacement

The insight gained with Oracle Internet of Things Asset Monitoring Cloud will help you reduce overhead incurred from not having assets available where and when they are needed.

Equipment and revenue loss due to assets being stolen or lost, due to theft or unauthorized movement could be significant. The Oracle Internet of Things Asset Monitoring Cloud tracks geo-fencing violations and send alerts if equipment or shipments travel outside of the regions you define. These alerting capabilities quickly notify you when a critical asset has been moved outside its expected location. When combined with other Oracle cloud services, these alerts automatically trigger the business work flows required to initiate investigation and asset replacement.

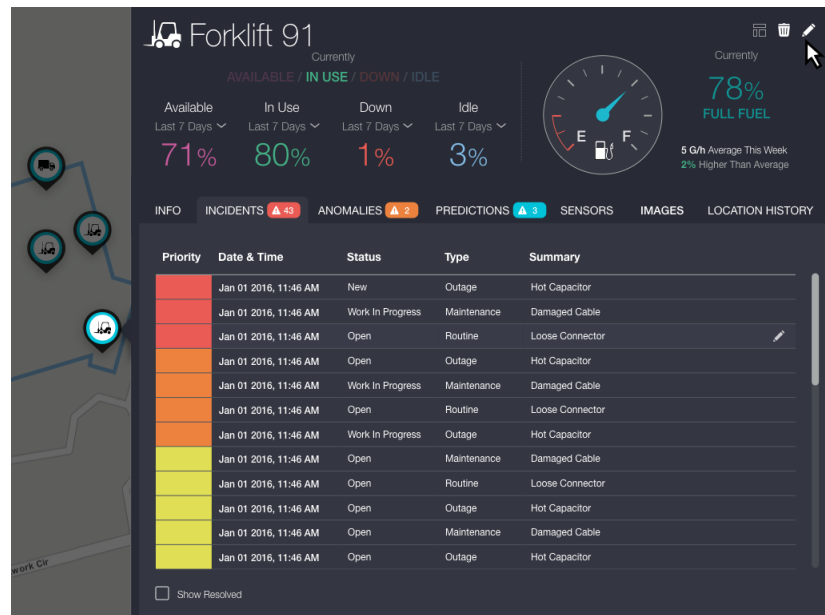


Figure 2: Oracle Internet of Things Cloud Asset Monitoring Cloud Asset Incident Report

Reduce Capital Expenditures

Many significant operating costs are incurred due to the lack of available assets. This includes:

- Dealing with asset loss and replacement
- Asset damage and repair
- Losses in productivity due to unavailable assets
- Ad hoc costs incurred to implement short-term fixes

Oracle Internet of Things Asset Monitoring Cloud extends asset life with predictive analytics and proactive maintenance, thereby reducing your capital expenditures. Using rules that you define, Internet of Things Asset Monitoring Cloud can alert you when assets are not performing at optimal levels or are reaching their natural end of service life. As a direct result, you gain better insight into your capital equipment costs, allowing for more accurate budget and accounting.

Oracle Cloud

Deploying your business applications in the cloud can deliver both short- and long-term benefits, including cost savings, improved agility, and faster innovation—but only if your cloud is enterprise-grade. When evaluating your cloud strategy, it's important to consider the level of control and choice you will either maintain or give up to achieve some of these benefits. There are also additional risks to consider when outsourcing all or part of your applications to a third-party cloud provider, making it important to always evaluate the quality of these services as key purchasing criteria.

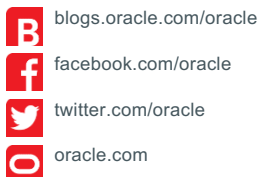
Oracle has been delivering cloud services to large and small organizations around the globe for more than a decade and has a strong legacy of providing best-of-breed functionality for business and industry applications. All Oracle Internet of Things applications are part of Oracle Public Cloud and are easily integrated with other Oracle Cloud Services. Using prebuilt integrations you can drive rapid Internet of Things innovation that improves your asset monitoring and management capabilities.



CONTACT US

For more information about Oracle Internet of Things Asset Monitoring Cloud, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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Integrated Cloud Applications & Platform Services

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