Asset Health Insights:
A Unified Solution to Asset Performance Management for Transforming Operations

Improved Productivity in 3 Easy Steps

Asset Health Insights is a cloud-based asset monitoring service that collects, refines, and aggregates Operational Technology (OT) data from distributed assets. The service connects any asset with sensors from anywhere helping organizations manage large, asset-intensive operations to increase efficiency and reduce downtime.

Right-time Maintenance and Predictability

Asset Health Insights supports all types of organizations ranging from those that rely on manual workflows to more advanced operations that are building a digital future including adopting industrial internet-of-things (IIoT), smart manufacturing, and a shift from on-premises to the cloud.

Easily connect siloed system and asset data with a unified model that shares information in real-time, eliminate costly cycles attending to equipment that is already performant, and focus on the assets that need attention.

Asset Health Insight users manage their operations in the moment, predicting and responding to events before they happen to increase efficiency and reduce downtime.

Any asset type
Monitor any type of asset from sensors to pumps, chillers, compressors and turbines.

Proactive asset management
Receive alerts and notifications of potential risks before they occur, take preemptive action and avoid negative outcomes.

Predictive asset management
Enable real-time and historical asset data in combination with AI/ML to predict future events so appropriate measures can be taken to avoid operational failures.

360-degree view of operational assets
Examine each asset and situation from every angle, interact with data and explore what-if scenarios using real time and historical benchmark data.

Optimize performance and profit margins
Manage and extend the lifecycle of an asset, identify and eliminate inefficiencies for a cost-effective operation.

How it works: Three Easy Steps

Each Asset Health Insight implementation is based on the unique needs of the customer. With Yokogawa's deep experience across domains, the solution is preconfigured to ensure alignment with each industry. For example, water utilities typically use similar equipment and processes. Yokogawa preconfigures many of these industry-specific requirements, working with the client for further customizations to accommodate their specific needs.

Implementation consists of three easy steps:

1. **Asset strategy and placement:** Identify all of the assets from which data will be collected. The Yokogawa Quick Connect process activates existing and new sensors within minutes, including sensors for pressure, flow, temperature, vibration, and other use cases.

2. **Data collection/process configuration:** Once collected, data is cleaned and optimized within the Yokogawa Cloud. Customers determine KPIs, failure criteria, and other important benchmarks for the system to track. Yokogawa configures Asset Health Insights to monitor for these conditions, creating alerts and notifications, and monitoring regular processes for operational oversight.

3. **Monitor and manage:** Business leaders and plant managers use the real-time information to examine and analyze the operation, proactively acting as needed.

Why Yokogawa Asset Health Insights?

1. **Deep OT insights and expertise:** Customized for unique industry requirements

2. **Easy flexible deployment:** Modular, light and fit-for-purpose

3. **Unified and all-in-one:** Manage any asset on any cloud platform

4. **Quick and simple set-up:** Prebuilt integrations and templates

A Single Intuitive Dashboard

Built on artificial intelligence and machine learning, combined with nearly a century of OT know-how, Asset Health Insights presents complex data from every asset across the operation.

The rich, visual display makes it easy to interpret the status of the operation in real time. Investigate alerts, view detailed asset information down to the datasheet, confirm situations, predict events, and act immediately.
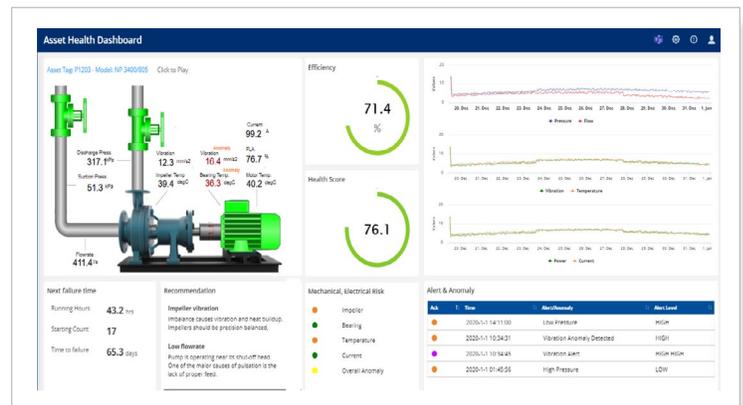
Get Started Today

Leveraging over 100 years of deep domain experience, Yokogawa remains a leading innovator within industrial automation, testing, and measurement. Applying edge technologies such as artificial intelligence, machine learning, and real-time data within cloud and virtual environments, Yokogawa is Co-innovating tomorrow and Yokogawa is transforming how industries manage their operations.

For more information, visit our website at **www.yokogawa.com/ahi**

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