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Yokogawa Releases Device Lifecycle Management, a New IIoT Service for the Cloud-based Management of Device Information
-A key to success in digital asset management-

Yokogawa Electric Corporation (TOKYO: 6841) announces the introduction[1] of Device Lifecycle Management, a new IIoT cloud-based service for the management of information on plant assets. This is an information management support service for the digitized asset data of the IIoT era. The Device Lifecycle Management service allows customers to digitalize the management of all device information and helps customers to improve the efficiency of plant maintenance management and the quality of data management.

Digitization of asset information is an important key to the automation of and the realization of efficiency in asset management. Many of Yokogawa's customers have already introduced solutions such as computerized maintenance management systems (CMMS) to optimize efficiency, but not all have met their initial targets for improvements in the efficiency of their maintenance operations because they have encountered challenges in making full use of all their asset data. This solution was developed to meet this need.

Features

The major features of this service are as follows:

1. Centralized device list

Information on all purchased devices including documentation is linked to the device tags and serial numbers. By accessing the Device Lifecycle Management portal, users enjoy prompt access to the right information on both online and offline devices. Dashboards on the portal provide a comprehensive summary that details the number of spare devices, installed devices, and disposed devices.

2. Collaboration with existing CMMS

Device information registered using the Device Lifecycle Management portal can be easily exported to a CMMS, which saves time and improves accuracy by eliminating a process (the reinput of data) that can result in data entry errors.

3. Compatibility search

When an instrument fails and there is no spare device in inventory, this function helps to determine whether other devices in the spare parts inventory are compatible with the failed device.

4. Mobile application[2]

A mobile application for the Device Lifecycle Management service has been developed. With this application, maintenance staff in the field can easily access device specifications and other types of documentation, confirm operating procedures, and check the compatibility between devices.

Value Creation with Device Lifecycle Management

The newly developed Device Lifecycle Management service helps to minimize the amount of manual work that must be performed and improves the management of devices information. This service makes it easy to register, view, and manage information on instruments that is useful for maintenance work, and helps customers to improve the efficiency of plant maintenance work and the quality of data management. Through solutions such as this Device Lifecycle Management service, Yokogawa will provide its customers the support they need to ensure the optimal management of their plant assets.

Device list screenshot

*1 Device Lifecycle Management is initially not available in China, Russia, Indonesia, Vietnam, India, and Japan. This service will be expanded to these markets in the future.

*2 The first release is for the Android OS.

For more information

http://lp.yokogawa.com/dm10/

About Yokogawa

Yokogawa's global network of 113 companies spans 60 countries. Founded in 1915, the US$3.5 billion company engages in cutting-edge research and innovation. Yokogawa is active in the industrial automation and control (IA), test and measurement, and aviation and other businesses segments. The IA segment plays a vital role in a wide range of industries including oil, chemicals, natural gas, power, iron and steel, pulp and paper, pharmaceuticals, and food. Targeting this segment, Yokogawa helps companies maximize their profits by offering a wide range of highly reliable products and working with the subsidiary KBC Advanced Technologies to provide premium solutions and services. For more information about Yokogawa, please visit www.yokogawa.com/za

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