Yokogawa Releases Plant Resource Manager (PRM) R3.20

Johannesburg, July 2 2015 - Yokogawa announces the release of version R3.20 of its Plant Resource Manager (PRM) software tool for the centralized management of large amounts of data from plant monitoring and control devices and manufacturing equipment. PRM R3.20 is an upgrade to R3.12 and includes an improved management function for HART®* and ISA100 WirelessTM field devices. With this new PRM version, Yokogawa aims to capture a larger share of the plant maintenance market.

Manufacturers are constantly looking for ways to improve maintenance efficiency by using software tools like PRM that can centrally manage large amounts of maintenance and other types of data from plant monitoring and control devices and manufacturing equipment. Maintenance personnel use such data to reduce plant downtime and enhance safety by proactively spotting and responding to device failures.

To optimize plant operations, it is essential not only to keep devices in good working order but also to have up-to-date information on device status and maintain records on all maintenance work that is performed. Such information is most useful if operators can view it on screen at their control system human interface stations.

With such needs in mind, Yokogawa has developed new functions for its PRM tool that facilitate the collection of information from field devices for use in optimizing device maintenance and plant operations.

The product enhancements include the following:

1. Quick access to HART device status information

Using the CENTUM VP R6.01 integrated production control system's N-IO (Network-IO) field input/output (IO) device that was released in February, PRM can now obtain start-up, stop, failure, and other status information from Yokogawa HART7 compliant devices in almost real time. For other companies' HART5, 6, and 7 compliant devices, PRM can collect information at 1 minute intervals. With PRM R3.12, data collection at intervals of 10 to 60 minutes was supported.

2. Various management functions for field wireless devices

This new PRM version comes with improved management functions for ISA100 Wireless devices. Diagnostic information can be viewed on screen and in real time not only in the PRM window, but

also in the operation and monitoring screens of the CENTUM series integrated production control system. The new PRM version also works with the console that centrally manages plant field wireless devices. When it accesses this console, PRM can call up the console screen so that operators can monitor the status of the entire wireless network as well as the status of individual devices on that network.

3. Complying with FDT2.0, the latest FDT standard

FDT2.0 is the latest version of the field device tool (FDT) communications interface that links field devices and control systems. FDT2.0 has entered wide use because it improves device response times and performance. As this new PRM version is compatible with FDT2.0, it is easier now to monitor and set up FDT-compliant devices.

PRM is a software package that centrally manages large amounts of status and maintenance information from plant monitoring and control devices and manufacturing equipment. With PRM, users can monitor the status of their devices and perform online diagnosis via a network. In addition, PRM centrally manages maintenance information, including device ledgers, in a database, and supplies maintenance information for plant field devices and equipment to maintenance personnel.

About Yokogawa

Yokogawa's global network of 88 companies spans 56 countries. Founded in 1915, the US$3.5 billion company conducts cutting-edge research and innovation. Yokogawa is active in the Industrial Automation and Control (IA), Test and Measurement, and other businesses segments. The IA segment plays a vital role in a wide range of industries including Oil & Gas, Chemical, Food & Beverage, Iron & Steel, LNG Supply Chain, Petrochemical, Oil & Gas, Pharmaceutical, Power, Pulp & Paper, Refining, Renewable Energy and Water & Wastewater.

Yokogawa South Africa (Pty) Limited is an empowered South African company jointly owned by Identity Capital Partners (Pty) Ltd, a local black women-owned organisation, and Yokogawa Europe BV, incorporated in the Netherlands. Yokogawa Europe BV is owned by Yokogawa Electric Corporation, a Japanese company listed on the Tokyo Stock Exchange.

Yokogawa South Africa (Pty) Limited's comprehensive solutions range from sensors such as Pressure transmitters, Temperature, Flow meters, Level and Liquid & Gas Analysers) and network solution products, to control and safety systems. This includes the software for advanced control that optimises productivity; and services that minimise plant lifecycle costs. Yokogawa South Africa's Service Training Department is accredited and proficient in theoretical and practical training for Instrumentation and Control systems from first principles. Our Internship Programme contributes to

the continued technical skills improvement in South Africa.

For more information about Yokogawa, please visit the company's website www.yokogawa.com/za or contact Christie Cronje in Corporate Communications.

Christie.cronje@za.yokogawa.com

Tel: +27 11 831 6300

Fax: +27 11 831 6370

Email: info@za.yokogawa.com

www.yokogawa.com/za