

PRESS RELEASE

FOR IMMEDIATE RELEASE

Date: August 30, 2006

Contact: info@us.yokogawa.com

Contact Phone: 800-258-2552

Release #: 826

Yokogawa Releases Enhanced ProSafe-RS Safety Instrumented System

Tokyo, Japan-Yokogawa Electric Corporation announces it will launch sales of an enhanced version of its ProSafe-RS Safety Instrumented System on August 31.

To beat the competition in the booming oil, natural gas, and petrochemical markets, we have added an optical remote control function to the ProSafe-RS, enabling the integration of the instrument panel rooms and safety systems in large plants. Compatibility with Yokogawa's flagship CENTUM CS3000 R3 Integrated Production Control System is also improved for greater usability.

Development Background

Due to rising crude oil prices and energy demand, the oil, natural gas, and petrochemical industries are making major capital investments and a flurry of large-scale plant construction projects are underway. As the size of plants increases, there is a corresponding requirement to reduce the cost of constructing and operating these plants. Accordingly, the cost of introducing plant safety instrumented systems also needs to be lower and better operability is required.

For these reasons, users of the ProSafe-RS have requested a remote control function that enables systems to be constructed more efficiently as well as a feature that allows for closer integration with the CENTUM CS3000 R3 and gives operators added flexibility.

As part of our ongoing efforts to deliver optimum solutions to users, we have added the requested features to the ProSafe-RS.

Enhancements

1. New Optical Remote Control Function

This new function enables ProSafe-RS controllers and I/O modules to be connected via optical fiber. At large plants and facilities used in oil exploration, refining, and transport, an instrument panel room and safety controller used to be installed in each process to monitor and operate safety field devices. The optical remote control function of the latest ProSafe-RS allows the instrument panel rooms and safety controller to be installed at one location in a plant for remote monitoring and operation.

2. Closer Integration with CENTUM CS3000 R3

From CENTUM CS3000 R3 operation and monitoring terminals, safety field devices such as emergency shutdown valves can be operated. Operators can thus use safety field devices under normal plant operation conditions and enjoy greater flexibility in plant operation. Also, connection with the CENTUM CS3000 R3 via Vnet/IP, one of the latest control networks, is possible.

3. Greater Connectivity with Other Systems

It is now possible to connect the ProSafe-RS system via HART communications with the Plant Resource Manager (PRM) software used to manage the information of field devices throughout a plant, thereby optimizing device management and maintenance.

About ProSafe-RS

When combined with the CENTUM CS3000 R3, the ProSafe-RS can integrate the process control and safety systems that up till now have been constructed separately due to differences in their functions and roles. A third party has certified that the ProSafe-RS complies with the IEC61508^{*1} international safety standard and is approved for applications up to safety integrity level (SIL) 3^{*2}. The ProSafe-RS has been well received by users, having been adopted in more than 100 projects since its release in February 2005.

By addressing the latest user needs in the strong-selling ProSafe-RS, we will seek to expand our safety instrumentation business.

^{*1}: IEC61508

IEC61508 is a standard for the functional safety of electric and electronic devices developed by the International Electrotechnical Commission (IEC).

^{*2}: Safety Integrity Level (SIL) and SIL3

The SIL represents the reliability of a safety instrumented system, and this has been defined by the IEC. SIL3 means that the risk factor for a plant has been reduced to a range from 1/1000 to 1/10000.

Major Target Users

Plants in the oil, natural gas, petrochemical, and other process industries

Applications

Emergency shutdown systems and fire protection systems

About Yokogawa

Yokogawa's global network of 18 manufacturing facilities, 81 companies, and over 650 sales and engineering offices spans 30 countries. Since its founding in 1915, the US\$4 billion company has been engaged in cutting-edge research and innovation, securing more than 7,000 patents and registrations, including the world's first digital sensors for flow and pressure measurement. Industrial automation and control, test and measurement, information systems and industry support are the core businesses of Yokogawa. For more information about Yokogawa, please visit our web site at www.yokogawa.com.

About Yokogawa Corporation of America

Yokogawa Corporation of America is the North American unit of \$4 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control, and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more.

For more information about Yokogawa Corporation of America, visit www.yokogawa.com/us/, call 770-254-0400, or toll-free at 800-258-2552, or e-mail info@us.yokogawa.com.