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GasSecure reaches agreement with Yokogawa on distribution of GasSecure's wireless gas detectors through Yokogawa's global sales network

–A global sales and service network to boost sales –

GasSecure AS announces the signing of an agreement with Yokogawa Electric Corporation on the distribution of GasSecure's ISA100 Wireless* based gas detectors through Yokogawa's global sales network. With this agreement, Yokogawa gains access to GasSecure's wireless gas detectors and thereby strengthens its lineup of plant field wireless solutions and enhances its support of health, safety, security, and environment (HSSE) management applications. This agreement will also allow GasSecure to gain access to Yokogawa's global sales and service network and thereby boost the sales of its wireless gas detectors.



Pictured: Masatoshi Nakahara, director and senior vice president of Yokogawa's Industrial Automation Platform Business Headquarters with GasSecure's CEO, Knut Sandven

Overview

With a field wireless system, the field devices at a plant are able to communicate wirelessly with host systems that perform functions such as monitoring and control. Wireless

communications offer many advantages, including the ability to install field devices in difficult-to-wire locations and reduced cabling costs.

GasSecure specialises in the development, manufacture, and sale of low power, high reliability wireless gas detectors that are used to monitor for hydrocarbon leaks at offshore platforms, tank farms, industrial plants, and the like. GasSecure's clients include major oil companies and the products are in wide use around the globe. Yokogawa has been developing a wide variety of ISA100 Wireless compliant technologies and devices such as wireless adapters that allow conventional wired devices to access wireless networks.

The growing need to improve plant safety by installing more gas detectors and replacing out of date detection systems is driving the demand for wireless gas detectors, which have the added advantage of eliminating the need for wiring and thus are easier to install and cost less. Under this agreement, GasSecure will be able to utilize Yokogawa's global sales and service network to expand its wireless gas detector business. At the same time, Yokogawa will be better able to satisfy its customers' needs by incorporating GasSecure's ISA100 Wireless gas detectors in its field wireless system solutions.

Also, under the terms of a separate sales agreement that was reached in February of this year, GasSecure will sell Yokogawa's field wireless system devices together with its own gas detection systems.

Features of GasSecure's Wireless Gas Detectors

GasSecure's wireless gas detectors detect leaks of hydrocarbon gas that can cause explosions. Utilising ultra-low power infrared sensors, they perform measurements and send that information wirelessly to the host monitoring system. The key features of these detectors are as follows:

1. High reliability

As gas leaks are a frequent cause of major plant accidents, it is very important to have a highly reliable gas detection system that keeps plant personnel constantly up to date on any changes in gas concentration levels. With a five-second response time, GasSecure's wireless gas detectors are able to perform highly specific and reliable infrared measurements of gas concentrations and wirelessly update a host monitoring system. With their ISA100 Wireless mesh network capability and their reliance on dual redundant communication paths between the detector and the host monitoring system, they are at least the equivalent of any wired alternative with respect to reliability.

2. High availability

With heated optical surfaces for removing condensation, GasSecure's wireless gas detectors are suitable for use in highly humid environments and have excellent availability under a wide range of conditions, from tropical to arctic. The GasSecure detectors also utilise a stable triple wavelength infrared technology that eliminates the need for calibration for the entire lifetime of the product, something that is not possible with conventional instruments.

3. Low power consumption

The power consumed by these gas detectors averages just 5 mW thanks to the use of micro-electro-mechanical system (MEMS) technology. Compared to other battery-powered gas detectors, GasSecure's products have a much longer battery life, and are also more reliable.

Commenting on this agreement, GasSecure's CEO, Knut Sandven said, "GasSecure selected Yokogawa for their reliable and high-quality wireless infrastructure. We are very excited about entering into this agreement as it will give us access to Yokogawa's extensive global sales and service network."

Masatoshi Nakahara, director and senior vice president of Yokogawa's Industrial Automation Platform Business Headquarters, also commented, "We selected GasSecure, a leading supplier of gas detectors, and believe that their best-in-class ISA100 Wireless solution will allow us to broaden the use of our field wireless systems."

* ISA100 Wireless, or ISA100.11a, is an industrial wireless networking technology standard developed by the International Society of Automation (ISA). ISA100 Wireless features high reliability, diverse applications, network extendibility, and high compatibility with wired communications standards such as FOUNDATION™ fieldbus, HART, and PROFIBUS. This standard is currently being discussed as IEC62734 by the International Electrotechnical Commission (IEC).

About GasSecure

Founded in 2008, and financially backed by Viking Venture, Investinor, ProVenture and SINTEF, GasSecure is ISO 9001 certified and has developed the world's first truly wireless optical gas detector suitable for demanding industrial applications.

GasSecure is led by company founder and chief executive officer Knut Sandven and supported by a team of experts in low-power gas detection and safe wireless communication. GasSecure is a recognised leader in wireless gas detection with pioneering research that has received several awards including the 2011 Frost & Sullivan Technology Innovation Award in the European Gas Detection Industry.

GasSecure GS01 wireless hydrocarbon infrared gas detector installations range from arctic to tropical conditions and cover the most demanding offshore platforms, terminals, tanks farms, drill sites and petrochemical plants where clients wish to benefit from cost reductions and ease of installation.

For more information contact GasSecure's website: www.gassecure.com

About Yokogawa

Yokogawa's global network of 88 companies spans 55 countries. Founded in 1915, the US\$4 billion company conducts cutting-edge research and innovation. Yokogawa is engaged 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, chemicals, natural gas, power, iron and steel, pulp and paper, pharmaceuticals, and food.

Yokogawa released the world's first ISA100 Wireless system devices and wireless pressure and temperature transmitters in July 2010. In addition to enabling sophisticated control techniques in continuous processes, this gives customers a wider range of devices to choose from. In line with the Wireless Anywhere concept, Yokogawa continues to provide new best-in-class ISA100 Wireless solutions and promote the use of field wireless technologies.

For more information about Yokogawa, please visit the company's website www.yokogawa.com

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For more information please contact:

Marketing	Ian Mackay	+44 7769 652003	ian.mackay@gassecure.com
Corporate	Knut Sandven	+47 9778 7465	knut.sandven@gassecure.com