

# PRESS RELEASE

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## GasSecure Achieves a World First with SIL Certification in Wireless Gas Detection

GasSecure, the Norwegian wireless gas detector company recently acquired by Dräger, are pleased to announce that they have successfully concluded one of their most exciting developments by securing third party Safety Integrity Level (SIL) 2 certification for the GS01 wireless gas detector.

After months of detailed assessments the GasSecure GS01 wireless hydrocarbon gas detector was recently certified by 3<sup>rd</sup> party assessor Exida as SIL 2 capable for use in Safety Instrumented Systems per IEC 61508 : 2010 Parts 1-7. Going further the assessment also supports the use of PROFIsafe communications to allow a fully certified SIL 2 loop to a control system which is a world first for a wireless gas detector.

Achieving SIL 2 means that the GasSecure GS01 is now proven as suitable for use in safety system executive actions such as shutdowns. This opens up a whole new group of applications in process safety systems where users need the certainty that the device will meet their requirements in a Safety Integrated Function.

Commenting on this capability, GasSecure CEO, Knut Sandven stated; “We have many clients that have been waiting for this certification as it allows them to use the GS01 in their safety critical applications onshore and offshore”.

Achieving SIL 2 per IEC 61508 will give any user the confidence that the GS01 has been thoroughly assessed as reliable. This confidence naturally extends to use in non-SIL systems such as monitoring and indicating the presence of hydrocarbon gases. As part of the assessment it was determined that proof test period could be extended from 1 year to 2 years and stands as a testimony to the stability and reliability of the GS01 technology.

Commenting further on the achievement Mr Sandven said; “After years of developing the world’s first truly wireless gas detector, and successfully bringing it to market, proving SIL 2 capability is recognition of the experience, knowledge and determination of the whole team”.

All clients will now be able to use the GasSecure GS01 and benefit from the potential of a wireless system to dramatically reduce project costs, shorten and simplify the design process and achieve a flexible installation that is simple and cost effective to expand in the future.

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## About GasSecure

The Norwegian company GasSecure AS develops, markets and sells the world's first truly wireless optical gas detector for demanding industrial applications. The detector is based on innovative ultra-low power MEMS optical technology and has introduced a new level of reliability and flexibility for the detection of gas leakages and represents an evolution in gas detection. The totally wireless detectors increase safety and dramatically reduce costs for the oil and gas, petrochemical, marine and process industries.

[www.gassecure.com](http://www.gassecure.com)

## About Dräger

Dräger. Technology for Life®

Dräger is an international leader in the fields of medical and safety technology. Our products protect, support and save lives. Founded in 1889, Dräger generated revenues of around EUR 2.4 billion in 2014. The Dräger Group is currently present in more than 190 countries and has about 13,500 employees worldwide.

[www.draeger.com](http://www.draeger.com)