

## Press Release from the Medical Gas Solutions Division

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### **BeaconMedæs takes medical gas monitoring to next level with TotalAlert Infinity™ notification system**

**BeaconMedæs, part of the Atlas Copco Group, has launched the revolutionary TotalAlert Infinity™ notification system to help hospitals and other health facilities respond faster to medical gas alerts. The new monitoring system is the first of its kind in the world to provide users with customized alerts and action plans to ensure patient welfare in the event of a medical gas fault.**

The historic practice of medical staff relying upon simple buzzers to notify them of a medical gas supply problem leaves patients vulnerable to confusion and delays over who acts and what is done when an alarm goes off. To remedy this and better protect patients in the event of an emergency, the TotalAlert Infinity incorporates a 10.2ins LCD touchscreen that displays pre-programmed, customized instructions based on the nature of the problem that has been detected in the system.

As a result of these breakthrough capabilities, non-technical staff such as nurses have sufficient information to determine whether the equipment is safe to use, ensure patients are not at risk and take immediate action if necessary.

Additionally, the system can be networked across multiple devices to ensure that notifications and instructions are always directed to the most appropriate members of staff in any given situation. The TotalAlert embedded network is powerful but easy to implement, allowing monitoring of multiple device types at several locations via the facility network, over computers and smartphones, or with any wi-fi enabled tablet.

Through Ethernet, TotalAlert Infinity can replicate or mirror alarm signals to another device located elsewhere, whether inside or outside the facility.

TotalAlert Infinity can also monitor any device equipped with 4-20 mA outputs. It is now possible to measure flows, levels, concentrations, humidity, and other parameters and send those readings directly to the nearest alarm panel or any network-enabled device.

An on-board history log in every alarm tracks events, creating a record of what maintenance needs to be performed and when it was done. The data can be easily downloaded and printed, a great aid in the accreditation process.

Having also been designed to handle any standard and language, including non-Latin alphabets, the TotalAlert Infinity offers a global solution to the healthcare sector.

Jonathan Brooks, product manager for BeaconMedæs, said: “The new TotalAlert Infinity notification system is the most exciting and innovative medical gas product we’ve launched since the Scroll Medical Air System. This alarm is a game changer for medical

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facilities, as it can for the first time allow an alarm to be an active participant in a hospital's emergency response strategy.

“As a specialist in the international healthcare sector, our medical gas and suction systems attain the highest standards of performance and reliability. That makes incidents of failure rare, so it's also essential that users be fully prepared if that event does occur, and of course alarms do provide essential operating alerts as well, which must be responded to correctly and quickly.

“Even staff who has received training may struggle to remember the recommended steps to take if they are busy with other tasks or flustered in an unusual emergency situation. The TAI notification system provides reassurance against that concern and will help healthcare providers maintain a superior level of patient care.”

To learn more about the TotalAlert Infinity notification system watch the following video: <https://www.youtube.com/watch?v=U0d2tegpwKI>

**For more information, please contact:**

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**Atlas Copco** is a world leading provider of industrial productivity solutions. The products and services range from compressed air and gas equipment, generators, construction and mining equipment, industrial tools and assembly systems, to related aftermarket and rental. In close cooperation with customers and business partners, and with 136 years of experience, Atlas Copco innovates for superior productivity. Headquartered in Stockholm, Sweden, the Group's global reach spans more than 160 markets. In 2008, Atlas Copco had 34 000 employees and revenues of BSEK 74 (BEUR 7.7). Learn more at [www.atlascopco.com](http://www.atlascopco.com).

**BeaconMedæS** is a global leader providing complete medical gas solutions, including medical air, medical vacuum, gas distribution equipment and pipeline components. BeaconMedæS has several assembly facilities plus an extensive sales and service presence throughout the world. In July 2006, BeaconMedæS was acquired by Atlas Copco and has since become the global competence center for medical solutions within Atlas Copco. More information on BeaconMedæS can be found at [www.beaconmedaes.com](http://www.beaconmedaes.com)

**Medical Gas Solutions** is a division within Atlas Copco's Compressor Technique business area. It develops, manufactures and markets medical gas equipment, including medical air and vacuum plants, manifolds and pipeline components as well as filtration solutions worldwide. Products are offered under several brands. Production facilities are situated in China, India, Belgium, United Kingdom, Italy and USA. The divisional headquarter is located in Rock Hill, USA.

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**BeaconMedæS – Part of the Atlas Copco Group**

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