

Net Safety Monitoring Now Offering Innovative Ultrasonic (Acoustic) Gas Leak Detection Solution

CALGARY, Alberta, Dec. 21 (SEND2PRESS NEWSWIRE) – Net Safety Monitoring has extended its advanced flame and gas detection product portfolio with the release of our [Banshee343 Ultrasonic Gas Leak Detector](#). The product is designed to provide reliable, wide-area gas detection (toxic and/or combustible) coverage in any hazardous-area application where pressurized gas is present – regardless of the environmental conditions.

Ultrasonic gas leak detection has been proven-in-use for over a decade, originally pioneered by Shell in North Sea oil platform applications. Today the technology is commonly utilized together with traditional fixed detection technologies as a “first-line” of defense against dangerous gas leak situations in oil and gas installations. Acoustic gas leak detectors can be found world-wide in a variety of applications.

Ultrasonic (acoustic) gas leak detection technology offers several unique performance considerations: it does not have to wait until a gas concentration has accumulated to potentially dangerous concentrations, it offers a wide area of coverage, it does not require a gas cloud to eventually make physical contact with a sensor, and the response is instantaneous for all gas types.

The Banshee343 Ultrasonic Gas Leak Detector only triggers an alarm when inaudible, ultrasound is detected (between 25 – 100 kHz) – which is only produced with the release of highly pressurized gas. This makes for extremely reliable and efficient performance by the detection system as there is no poisoning of sensors, it never requires field calibration, and all background noises are effectively filtered. And the available Analog, Relay, or Modbus outputs can communicate directly with any existing plant control system (DCS, PL/PLC, Fire&Gas panel, or SCADA).

“The Banshee343 Ultrasonic Gas Leak Detector offers our customers a new level of safety like we have never been able to offer before. The speed of response with ultrasonic technologies can bridge the dangerous gap between gas detection in difficult conditions and the actual ignition of gas, when flame detection offers the final opportunity for automatic detection/reaction. When ultrasonic gas leak detection is combined with our advanced fixed gas; flame; and smoke/oil mist detection solutions, comprehensive safety coverage for our end-users is ensured,” said Mike Nugent, Net Safety Monitoring VP of Sales and Marketing.

The Banshee343 also offers several distinct advantages over competitive ultrasonic gas leak detection solutions: factory-tuned sensors are calibrated for life, four piezoelectric sensor heads are sealed in a virtually indestructible ceramic housing and have no moving parts like a traditional

microphone design, a wider and more reliable coverage area (4 independent sensor heads – 20 meter radius, approx 1600m² from center), the widest operational temperature range in the market (the lowest AND highest temperature ratings available), and the SonicCal Diagnostic system which automatically cleans the sensor head and gives a “true” ultrasonic broadband self-test every 15mins to confirm continuous operation.

And rest assured that Net Safety Monitoring is fully committed to your successful commissioning. We offer full onsite sound mapping surveying and detector allocation, onsite commissioning assistance, and will provide your personnel with comprehensive training and testing equipment.

The Banshee343 detects deadly gas leaks at the speed of sound without being affected by inclement weather, wind direction, leak direction or any potential gas dilution. When utilized together with Net Safety innovative point gas detection, our advanced optical flame and smoke/oil mist detection a complete and comprehensive safety system is ensured for your plant and personnel.

About Net Safety Monitoring:

Net Safety Monitoring Inc. is a global leader in the design, development, and manufacture of fixed toxic and combustible gas detectors, flame detectors, safety systems, ultrasonic gas leak detection and ancillary safety and security products. Net Safety has built a reputation for developing products that are engineered for continuous performance, even in the most extreme environments. At our state-of-the-art R&D lab and manufacturing facility we enforce strict quality standards and intelligent engineering to ensure that all our products meet the demands of the toughest industrial environments and applications – all certified to the strictest global standards for safety and performance. With certified representation throughout the world as well as global sales/support offices located in Calgary, Houston, Abu Dhabi, Beijing and Singapore, Net Safety Monitoring is committed to delivering unparalleled service and support for all of the products we produce.

For more information about Net Safety Monitoring and its products, please visit www.net-safety.com .

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BANSHEE343
ULTRASONIC GAS LEAK DETECTOR

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