Industrial Scientific Launches LENS™ Wireless

LENS Wireless is the first technology that allows personal gas monitors and area monitors to share real-time gas readings and alarms.

PITTSBURGH, PA – 6 December 2016 – Industrial Scientific, the global leader in gas detection, is pleased to introduce LENS™ Wireless. LENS Wireless technology, based on military ad-hoc mesh networking concepts, enables gas monitors to communicate with each other wirelessly with no need for IT setup, infrastructure, or a central controller. Industrial Scientific Ventis™ Pro Series Multi-Gas Monitors and Radius™ BZ1 Area Monitors are both available with LENS Wireless. Industrial Scientific is the first manufacturer to enable personal, portable gas monitors to communicate directly with area monitors to share gas readings and alarm conditions.

LENS Wireless groups are quick and easy to create, allowing for rapid deployment and use in a broad range of applications. Ventis Pro Series instruments enabled with LENS Wireless begin communicating seconds after tapping two or more instruments together. Radius BZ1 Area Monitors connect wirelessly out of the box with no need for setup or additional equipment.

The simplicity of deploying and using LENS Wireless helps workers in any industry respond faster, and with real-time information, when hazardous conditions occur. Now, when a gas hazard, man-down, or panic situation causes an instrument to alarm, all peers in the connected group will instantly be notified of the hazard and the person in danger. When seconds matter, workers can rely on help from peers nearby, rather than a control room or call center hundreds of miles away.

Other benefits of LENS Wireless include:
- Viewing panic and man-down alarms from any Ventis Pro Series user in the group
- Identifying a peer alarm type in real time, enabling a faster, more appropriate response
- Using any monitor to view gas readings from up to 24 peers in real time, without needing a separate central controller to relay the information
- Receiving readings from up to 1.5 km (~ 1 mi) away with wireless signal hopping between instruments
- Maintaining the integrity of the wireless group even if a single instrument unexpectedly drops off the network
- Protecting data while safely and securely sharing gas alarms and readings over an AES-128 encrypted network

“LENS Wireless is just the beginning when it comes to connecting workers for safety,” said Justin McElhattan, president and CEO. “It’s a solution that adapts easily, whether you have two or 2,000 workers, and has potential for many future applications beyond gas detection.”

For more information on LENS Wireless, visit www.indsci.com/lens.

About Industrial Scientific Corporation
As the global leader in gas detection, Industrial Scientific provides gas detection products and services that keep workers safe in hazardous environments. The company’s 700 employees in 21 countries are committed to preserving human life, and have dedicated their careers to ending death on the job in this century. Established in 1985 and headquartered in Pittsburgh (USA), Industrial Scientific also has operations based in Arras (France) and Shanghai (China), and provides technical services to customers from local service centers around the world. Industrial Scientific is the parent company to Predictive Solutions Corporation (www.predictivesolutions.com). For more information, visit www.indsci.com.
Our Mission
Preserving human life on, above and below the earth. Delivering highest quality, best customer service … every transaction, every time.

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