Live Monitoring of Confined Spaces with the RGX™ Gateway

Continuous atmospheric monitoring is often a requirement of confined space entries, but knowing the status of your team in real time from any location takes safety to a new level. Using the Radius® BZ1 Area Monitor and Ventis® Pro Series personal monitor with an RGX™ Gateway is ideal for continuous live monitoring in confined space applications.

Using LENS™ Wireless for Confined Spaces

Confined space attendants must monitor and remain outside of the space at all times. It is often acceptable for one attendant to serve multiple confined spaces if he or she can monitor the atmosphere and communicate with the entrants in all the spaces for which the attendant is responsible. Peer-to-peer monitoring provided by LENS™ Wireless, available in the Radius BZ1, allows the attendant stationed outside the spaces to view the atmospheric readings from each confined space. If gas levels inside the space become hazardous, the Radius BZ1 will alarm, causing the monitor stationed with the attendant to also alarm and display the gas level and location, calling the attendant to action.

LENS Wireless also allows the attendant outside the space to monitor readings from entrants using Ventis Pro Series personal monitors. If an entrant is endangered by a gas hazard, is immobilized, or in need of emergency assistance, the Ventis Pro will relay its message to the Radius BZ1, which uses its loud alarm and action messages to signal danger.

By adding an RGX Gateway to the solution, you gain an extra layer of protection. LENS Wireless will send alerts and alarms from the gas monitors directly to the RGX Gateway. Using cell, wi-fi, or Ethernet, the RGX will pass instrument data to iNet® Now, where users can monitor the confined space in real time.

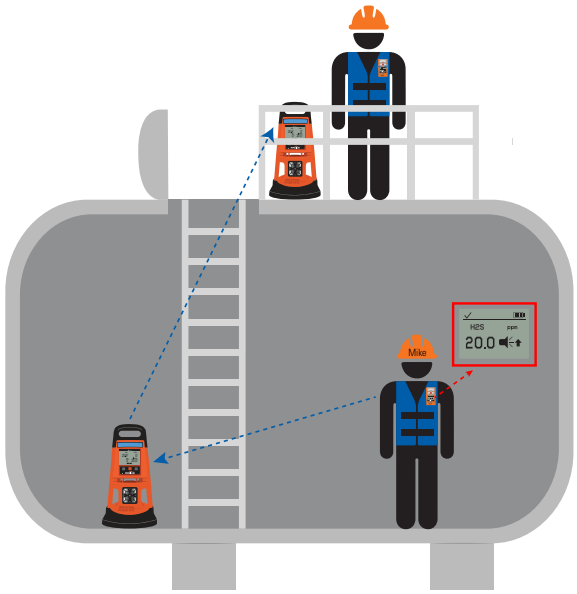

Figure 1: LENS Wireless connects and shares alarm information from confined spaces with the attendant.

Live Monitoring Advantage

Using iNet Now cloud-based software for live monitoring has two primary advantages. First, you can see the status of your team in real time from wherever you are by logging in to the dashboard. At a glance, you'll see a map of active instruments and gateways as well as the status of each instrument. Secondly, if there is an alarm or event, you will be notified via SMS text message or email so that you can assess the situation and respond appropriately. iNet Now helps you gain full visibility into your gas detection program in real time.

To learn more about live monitoring of confined spaces, visit www.indsci.com/rgx.

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