Using the Ventis™ Pro Series with iAssign™ Technology

As gas monitors become more sophisticated, they are able to store larger amounts of valuable data. As a result, safety managers are getting more information than ever before. While having more gas detection data is a good thing, it's not always easy to tie the numbers back to what's happening in the field. Figuring out who was carrying monitor number 176 (out of 400+ monitors) when it went into an H_2S alarm can be a manual and tedious task. What options are available to better organize the data and allow safety managers to quickly take action on the alarms by changing processes, equipment, training, etc?

Options for Tracking Your Data

Currently some software packages allow administrators to assign "Users" and "Sites" to monitors. However, if an operator is using a different monitor each day and traveling all over the facility, this solution can be time consuming. A better option for an operator who uses a different gas monitor each day and works in different areas of the facility would be to use a Ventis™ Pro Series Multi-Gas Monitor with iAssign™ Technology.

With the Ventis Pro Series and iAssign Technology, the operator can wirelessly enter his name and a location into an instrument simply by tapping a small iAssign tag to the instrument. Once the user and/or site information has been transferred from the iAssign tag to the instrument, all data recorded in the instrument will be tagged with the user and location information. Tagging allows anyone reviewing the data to easily see who had the instrument and where the operator was using it, making the information more actionable.

iAssign Technology in Action

Here is an example of how one might use the Ventis Pro with iAssign™ Technology.

Mike H., who works in Maintenance, gets his instrument in the morning from the tool crib and immediately taps the instrument to his personal iAssign tag which he keeps on his hard hat. Mike will be doing repairs on some flanges of Separation Tank 7 today.

Once he gets to the tank, Mike taps his instrument to the permanently mounted iAssign tag at Sep. Tank 7. At this point the instrument is recording that all data is from Mike H. at Sep. Tank 7.

When Mike docks his instrument at the end of the day, all datalog and alarm event data will be tagged with this user and site information. Having Mike's user data captured and organized makes it much easier to take action based on the data.

How Does iAssign Technology Work?

Ventis Pro Series Monitors use Near Field Communication (NFC) to read information from a pre-programmed iAssign tag. NFC is the same technology that allows you to pay for items by tapping your credit card to the reader at the register, pay for items in a vending machine by tapping your phone to the reader, or transfer pictures and files from one smartphone to another by tapping them together. Using NFC, a Ventis Pro can quickly read data from iAssign tags without the operator even pressing a button.

iAssign tags are small, light, require no battery, and can hold up to harsh outdoor environments. They work with both the Ventis Pro4 and Pro5 and can be programmed in seconds with the name of a user, site, or both using an Android smartphone or tablet and the free iAssign app that can be downloaded from the Google Play store.

iAssign tags are available in one of four styles: Sticker Tag, Waterproof Sticker Tag, Outdoor Tag, and Keychain Tag. The tags can be continually overwritten as needed or locked so that they cannot be reprogrammed.

To learn more about how the Ventis Pro Series and iAssign Technology can work for you, visit our website at www.indsci.com/ventispro or contact your local Industrial Scientific representative. Contact information can be found at www.indsci.com/offices.

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