



# HONEYWELL & MOTOROLA CONNECTED SAFETY SOLUTION

## CONNECT WORKERS FOR SAFETY AND COMPLIANCE

The Honeywell & Motorola Connected Safety Solution provides you with a market-leading integration of a portable gas detector system and private communications infrastructure, while helping you to enhance worker safety.

Throughout the world, companies in many industries recognize the need for greater controls and monitoring of worker exposure to hazardous gases. Because certain exposures can be life-threatening, response needs to be fast and effective.

Companies operating facilities in hazardous environments where workers are using Honeywell gas detectors for safety purposes need a reliable and cost effective solution to help keep their workers safe by connecting them to a central location for emergency communications management.

The MOTOTRBO™ communications system from Motorola Solutions is a private communications system used for voice and data, ensuring workers are always connected through a single device that is HAZLOC certified.

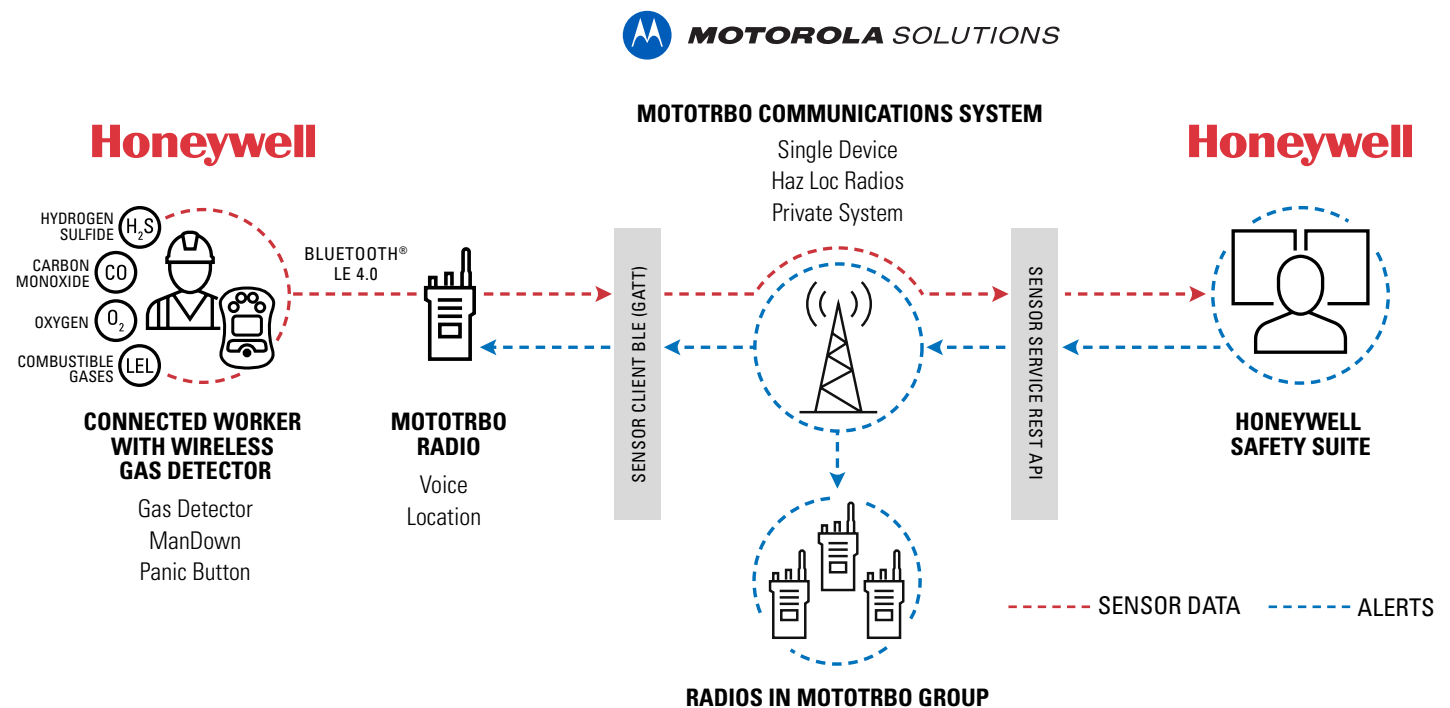
Paired with a Honeywell gas detection device, the MOTOTRBO system keeps your workers connected to the Honeywell Safety Suite, providing comprehensive monitoring of their environment while they are on the job.

The Honeywell & Motorola Connected Safety Solution helps enable companies to:

- Take actions to enhance worker safety
- Comply with regulatory and safety standards
- Maintain real-time awareness of gas detector alerts
- Use a single device for voice and data communications
- Utilize a cost-effective solution

# HOW THE CONNECTED SAFETY SOLUTION WORKS

The Honeywell Gas Detector communicates with the MOTOTRBO radio via Bluetooth® LE (Low Energy) 4.0 to send alert data. The radio translates the sensor data messages which are sent via the MOTOTRBO communication system and the Motorola Sensor Service API, to the Honeywell Safety Suite application. The Safety Suite application cascades the alerts to other radios on the network.



## COMPATIBLE SYSTEMS & DEVICES

HONEYWELL PORTABLE GAS DETECTORS	
SINGLE GAS	MULTI-GAS
ToxiRAE Pro	MicroRAE
BW™ Solo	MultiRAE Lite
	BW™ Icon
	BW™ MicroClip Series XL*
	BW™ MicroClip Series X3*
	BW™ Max XT II*
	BW™ Ultra

\* Requires BW Connect

MOTOTRBO RADIO MODELS			
NA	LACR	EMEA	APAC
XPR 7550e	DGP 8550e	DP 4601e	XiR P866i
XPR 7580e	DGP 5550e	DP 4801e	XiR P8628i
XPR 7580e IS (Canada)			

MOTOTRBO SYSTEMS
Single Site
IP Site Connect
Capacity Plus
Capacity Max



### HONEYWELL SAFETY SUITE

The Honeywell Safety Suite is an integrated software solution that displays the location and sensor status for all workers connected to your system, in real-time. The Honeywell Safety Suite can display:

- Real-time instrument readings
- Map-view providing worker location
- On-screen alarms and alerts
- Plume modeling for hazardous gases
- Automated notifications via email and SMS messaging

### MOTOTRBO CONNECTION

On site, each worker has a personal gas detector and a two-way radio for communications. With the Connected Safety Solution you can connect the gas detectors to the radio via Bluetooth. Once connected, real time monitoring of the gas detector readings are sent quickly and securely via the MOTOTRBO radio infrastructure to the Honeywell Safety Suite.

### GROUP COMMUNICATIONS

In the Connected Safety Suite, workers can be grouped together. If an incident happens, information and instructions can be sent to these groups, ensuring that everyone gets the update they need exactly when they need it.

For example, if one worker's gas detector detects a hazardous gas and goes into alarm mode, the system can deliver that alarm to all members of a safety team monitoring the situation. The safety team can in turn broadcast a message to either assist or evacuate to the worker's entire group. The group receives the communication on their radio instructing them of the potential danger and how to respond.

### CONNECTION MONITORING

If a worker's gas detector loses connection to the MOTOTRBO radio, the Safety Suite is instantly notified. Once received, the safety team could contact the worker and instruct them to reconnect using the MOTOTRBO radio system.

For more information, visit [motorolasolutions.com/MOTOTRBO](https://motorolasolutions.com/MOTOTRBO) and [sps.honeywell.com](https://sps.honeywell.com)

