

# Safety Capabilities

## Key Features and Benefits

### FACT SHEET

### Two-Way Radios as Enhanced Personal Protective Equipment

Two-way radios serve as an essential safety tool and are considered by many companies as mandatory personal protective equipment in the workplace. In many instances, businesses and organizations only consider investing properly in communications equipment to support a safety plan after an emergency or severe accident on the job. Be proactive. Learn from others and avoid waiting for a disaster or death to occur to implement a full safety communications program.

Take advantage of all the safety capabilities your Vertex Standard two-way radio is designed to deliver. Vertex Standard has made the commitment to design built-in critical safety applications for all radios offered in order to help ensure users always have options focused on worker safety and security.

### Emergency Alert

Industrial and commercial workplace safety programs require emergency preparedness when accidents or hazardous situations arise. This includes a plan to alert help instantly. The Emergency alert function is programmed by your Dealer and is designated to transmit an emergency notice on a specified channel. With a press of a button, the radio transmits an emergency alert to call for help or to notify others to implement the emergency action plan.



Dedicated Programmable Emergency Button

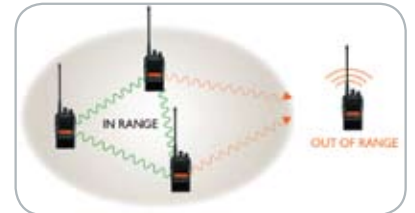
### Lone Worker

Supervisors can monitor the safety status of workers in isolated areas working alone using the Lone Worker function. With the Lone Worker setting activated, the remote worker can check in with the supervisor by pressing the PTT button at scheduled intervals to indicate they are still safe while working.

If the worker fails to press the PTT switch at the scheduled time, the radio will go into "emergency mode" and send an emergency alert signal to notify that help is needed.

### Auto-Range Transpond System (ARTS™)

When maintaining contact is a top priority, know your connection status at all times using the Vertex Standard exclusive ARTS function. With ARTS activated, the user is informed when out of range of contact with another ARTS-equipped radio. There is no guessing involved whether you are within contact range. As long as all radios have ARTS activated, you are immediately notified when unable to communicate.



### Man Down

When additional safety measures are needed, Man Down is designed to monitor a variety of worker timed safety scenarios. This includes degree of worker angle vertically and horizontally and also degree of motion or inactivity. Recognizing no two work areas are alike, the Man Down sensor is programmable to adjust settings accordingly to the user. In the event that the worker becomes injured or falls unconscious, the Man Down sensor emits a notice to the user to adjust the radio. If the worker is not able to make the adjustment, the radio transmits an Emergency alert notification for help.



## Designed To Deliver Maximum Performance And Value

Invest In Worker Safety By Investing In Vertex Standard Two-Way Radios.

### Safety Capabilities By Radio

|                        | Emergency | Lone Worker | ARTS | Man Down |
|------------------------|-----------|-------------|------|----------|
| <b>Portable Radios</b> |           |             |      |          |
| VX-231                 | •         | •           | •    |          |
| VX-350 Series          | •         | •           | •    |          |
| VX-410/420 Series      | •         | •           | •    |          |
| VX-450 Series          | •         | •           | •    | •        |
| VX-820 Series          | •         | •           | •    |          |
| VX-920 Series          | •         | •           | •    |          |
| <b>Mobile Radios</b>   |           |             |      |          |
| VX-2100/2200 Series    | •         | •           | •    |          |
| VX-4100/4200 Series    | •         | •           | •    |          |
| VX-4500/4600 Series    | •         | •           | •    |          |
| VX-5500                | •         |             | •    |          |

For more information see: [www.vertex-standard-emea.com](http://www.vertex-standard-emea.com)