

# Warehouse Monitoring Solution with Alarm Panel Option

Each employee wears a Man Down Pendant.

Range Extenders (which extend the working range of Man Down Pendants) are mounted at key locations to provide 100% area coverage.

Pendants automatically detect if they are out of range of all of the Range Extenders.

The motion sensor on a Man Down Pendant triggers an alarm if no motion is detected for 60 sec (default time).

This alarm communicates a message to the closest Range Extender; messages can hop through multiple Range Extenders.

A WPAN Gateway receives a man down alert message and triggers a report.

The report is routed to the Gateway Relay Interface which toggles the relay output (Type Form C Contacts). The output of the relay triggers the existing alarm system and designated recipients are alerted.

One WPAN Gateway can support multiple pendants.

