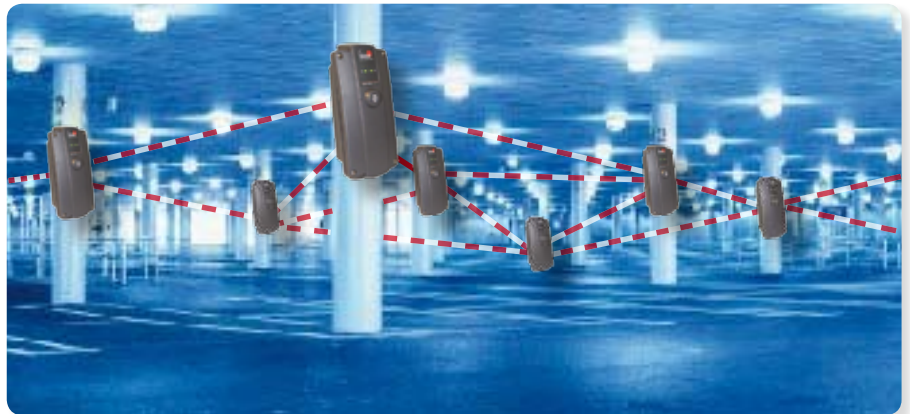


The Green Case

The construction industry is notorious for its small profit margins and conservative approach to technological changes.

Yet, Honeywell integrated GreenPeak technology in their gas detection product line and made this solution a success for underground parking lot installations. The Honeywell CO detection solution drastically reduces installation and maintenance cost.

In addition, this "green" solution also provides huge energy savings for the ventilator fans.



Honeywell

Honeywell Gas Detection

Pierre Francou, General Manager of Honeywell - North American Gas Detector division, states:

“ GreenPeak offers a proven solution for our critical line of gas detection applications. GreenPeak’s technology offers the best solution for our needs.

We also selected GreenPeak as our strategic partner because we believe in the organization and we trust in their experience, the expertise of their team and their technical leading edge. ”



Huge benefits in an extremely cost sensitive market

Wireless Gas Detection Sensors

GreenPeak technology has been integrated in Honeywell’s CO sensing gas detection devices for installation in underground parking lots. Let’s take a look at the savings.

Business Case

Wiring cost for traditional wired solution
In this case, gas sensors are connected to a central control computer via a control-bus.

- ▶ A mid-size underground parking garage is equipped with 50 CO sensing modules
- ▶ The sensor devices need on average 40 meters of wiring per device
- ▶ The cost of wiring is €10 per meter, including both materials and labor



50 devices
* 40m wiring/device
* € 10/m

Total price for wiring = € 20.000

Wireless Solution from GreenPeak

GreenPeak’s wireless mesh networked solution, which utilizes Honeywell gas detection devices equipped with GreenPeak wireless access technology, requires no cabling.

As a result, the total price for this wireless add-on solution is less than € 2.000.

That makes the total savings for this wireless solution €18.000, a major breakthrough for this extremely cost sensitive market !

Additional Benefits

- ▶ Easier to install: 15% cost savings with lower wage workers
- ▶ No wiring errors: extra cost savings
- ▶ No cable faults: higher reliability
- ▶ Can be installed everywhere: safer
- ▶ Lower maintenance costs

Green Solution

In order to maintain safe CO levels, underground parking lots are equipped with large, energy-wasting ventilator fans that run continuously to guaranty acceptable air quality, to adequately provide fresh, clean air and to prevent the build-up of toxins.

By contrast, in a parking garage equipped with Honeywell/GreenPeak gas detectors, the ventilation system can be managed and controlled intelligently: the ventilators are activated only when CO concentration reaches a certain level, thereby reducing energy consumption and cost. The recordings show that the energy consumption is moderate when compared with key figures from traditionally ventilated parking lots.

