

# Benefits of 'going wireless' with SmartCell



# SmartCell

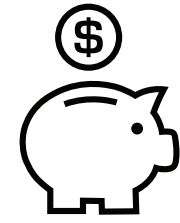
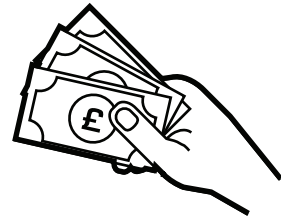
## Faster installation

## Cost saving



Wired

Wireless

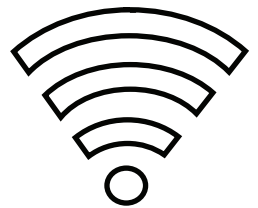
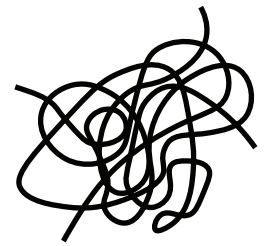


Wired

Wireless

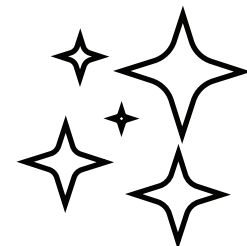
## No unsightly cables

## Less mess



Wired

Wireless



Wired

Wireless

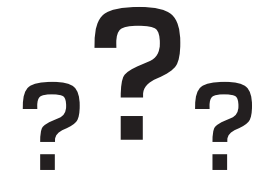
## Less disruption

## Trusted provider



Wired

Wireless



Other providers

EMS SmartCell



*The benefits of wireless fire detection*

## Why wireless?

A look at the compelling reasons to think about an EMS SmartCell wireless solution for any application where a fire detection system is needed.

For many years wireless fire detection was considered as a niche solution, principally for castles, cathedrals and country houses. In today's market, it is widely accepted throughout the industry.

A wireless fire detection system works in exactly the same way as any other fire detection system except the communication medium between devices and the control panel is radio based rather than wired, so anywhere a wired system can be installed a wireless system can also be installed.



There are certainly types of buildings that are better suited for wireless detection systems, such as listed buildings, buildings where there is asbestos present and retrofits or refurbishments.

But what about new builds? Building regulations for timber framed constructions requires a building site to have adequate temporary fire detection on site.

What better then than to have a wireless detection system that can be rapidly deployed across the construction site?

And moreover, one that can ultimately be installed as the permanent fire detection system when the building is complete!



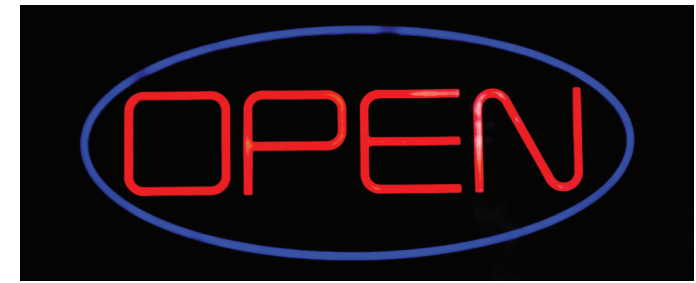
In today's technological world, where everything we use is wireless – from internet to mobiles phones - it stands to reason that the fire & security industry is following suit. Generically there is no difference between a wireless fire detection system and one that is wired.

It is governed by the same set of industry standards for monitoring equipment; in our case EN54 with all its parts and in addition to these standards wireless devices must also conform to the EN54 Part 25 wireless standard.

There are many benefits to wireless detection systems for both installers and end users, for instance, speed of installation while still providing a fully commissioned system that complies with all the relevant standards.

## The End User Advantage

For the end user this speed advantage means that the disruption of having contractors on site is reduced to an absolute minimum.



Minimum disruption means maximum business continuity. Much of the installation can be carried out during the working day rather than out of hours and offices or floors do not need to be closed and vacated. Holes may need to be drilled to run cables; causing noise, dust and disruption all of which need to be made good before leaving site. Wireless devices need no cable thus lessening disruption.

Drilling holes in walls, pulling up floors and nailing cable tidies around a building may mean that after installation parts of the building need redecorating, which is often unbudgeted.

Also holes to be drilled are holes to be filled. Another costly process as the integrity of the fire compartments within a building must be maintained and does require certification.

Having no cables means that wireless devices may be moved or added as simply as moving a ceiling tile, to ensure continuity of conformance with fire regulations if internal partitions are moved or added. A wireless system can also quickly and easily cater for changing standards such as the recently introduced standard, EN54 part 23 for visual alarm devices.

**The end user can be assured that, a wireless EMS SmartCell system works as any other system and conforms to all the relevant European standards.**