

# WIRELESS FIRE DETECTION

EMS is the leading developer and manufacturer of wireless fire detection systems in the UK. FireCell has been wholly developed by EMS to meet the requirements of EN54-25 and to satisfy the need for an easy to install fire detection system based on radio technology.

FireCell is a totally wireless based solution which now incorporates HYBRID technology providing unlimited configuration to meet today's demanding building requirements around fire safety.

Incorporating EMS **S**mart **C**luster **T**echnology or SCT and utilising the 868 MHz European harmonised frequency band, FireCell was the first wireless fire system to meet EN54-25 and boasts a wireless coverage which exceeds other 868 MHz based systems.

Development of FireCell by engineers, designers and installers has ensured that FireCell is big on features and benefits.

**Highly Adaptable:** FireCell is suitable for virtually any building and in many cases exceeds the performance and flexibility of a wired system.

**Cost Effective:** FireCell is a cost effective solution which can be easily adapted and added to as a building changes or grows. By eliminating expensive fire rated cable and the associated labour costs, extensive savings can be made throughout the installation and maintenance process as well as an overall reduction on the "cost of ownership".

**Re-Usable:** FireCell can be used as a temporary fire detection system to meet Health and Safety demands in and around environments where wired systems could not be installed. These include building sites, sporting and temporary events such as concerts or festivals.

**S**mart **C**luster **T**echnology

FireCell's SCT network provides a number of unique advantages and benefits ensuring reliability and robustness throughout the system.

A FireCell panel supports up to 504 devices and when networked, using EMS wireless networking technology, 4,032 devices can be

## FireCell



supported across a number of buildings or locations.

Utilising alkaline batteries in all devices ensures costs are kept low and with a typical 5 year life cycle, based on normal usage, battery changes are kept to a minimum, reducing servicing costs.

Radio surveys are the key to ensuring high performance and reliability of a FireCell system. To achieve this EMS provides a simple to use survey kit that determines signal strength and correct location of the wireless infrastructure.

If you need to have wired loops installed alongside wireless devices then FireCell Fusion provides a seamless solution. With configurable and flexible system topology to meet the most demanding situations FireCell is simply the only choice.

A comprehensive range of wireless devices are available, all of which are completely self contained and self powered with dual power supplies.

FireCell is both convenient and cost effective and if you are looking for a fire detection system then talk to EMS today.

We provide comprehensive technical support including extensive training, bookable on-line, a technical support hotline, phone apps and video help files. This is backed up by the EMS industry beating warranty and lifetime product support.

