BIOSITE®
Putting you in control.

Wireless Fire Alarms

A flexible solution putting you in control of
fire safety for the duration of your project.

With around 11 fires on construction sites every week, costing an estimated £400 million per annum* and compromising operative safety, managing fire risk is critical. Biosite's Wireless Fire Alarm solution is the only fully EN54 certified system available with an automatic integrity check and zoning function, designed and manufactured in the UK.

A best practice fire safety solution for every site

A robust fire safety and first aid system underpins the integrity of every construction site. We believe only a best practice approach to managing fire risk is acceptable – in construction and in any industry – which is why we developed our own system, made in-house, in the UK.

The Biosite Wireless Fire Alarm with first aid system is not only fully certified and compliant with all relevant regulations and recommendations, but offers many innovative features as standard. For complete peace of mind, Biosite's unique integrity check assesses the functionality of each call point, every 300 seconds. Without this, you might not be aware that your fire safety system may be compromised, until a potential issue arises.

Biosite's cost-effective solution can be tailored to the scale and requirements of each site, to ensure safety and compliance, for the duration of a project. Based on functionality, you would expect Biosite's system to be the most expensive on the market – it's not.

Why Biosite?

Innovative integrity check and zoning
Biosite's integrity check function automatically tests all call points are working, without a manual check. This means you will be alerted if any call points are not connected to the base station or are not functioning, to protect the integrity of the system.

The base station has the ability to zone areas within the site, to maximise safety and minimise disruption. The call points have an integrated evacuation button that can be aligned to each designated evacuation zone.

Offers more, for less
Biosite's Wireless Fire Alarm system not only exceeds regulatory requirements but also offers a whole host of additional features as standard. As well as the automatic integrity check and site zoning capability, there is an integrated first aid alarm in each call point, with different alarm triggers and tones.

A technology-enabled solution
Biosite's wireless interconnecting system utilises wireless mesh network technology, meaning the alarms look for 'paths' to create a network across a construction site that may be working on multiple levels. The enhanced radio range provides full site coverage and any dropped connections are immediately identified via the base station.

A flexible solution
While risk changes as a project transitions through construction phases, the need for managing fire risk remains a constant. Made up of a base station and interconnecting fire alarm

with integrated first aid call points, the system is simple to set up and easy to re-configure when you want to add or remove units, so it can be tailored to the scale and needs of each site.

A three-year battery life means the call points are designed to be re-used across multiple sites for additional flexibility and value.

Certified and made in the UK
It seems obvious but not all fire alarm systems are EN54 certified. Biosite's system is not only EN54 certified but Joint Code of Practice (JCOP) and HSG168 compliant, providing peace of mind you are complying with the latest regulations. Biosite products are also marked and tested by an independent, accredited third party.

Biosite's Wireless Fire Alarms are designed and manufactured in-house, in the UK, for quality assurance, traceability and continuous improvements.

Full integration capabilities
Biosite's Wireless Fire Alarms can be integrated with our market-leading access control solution to enable automatic turnstile release upon alarm activation for faster evacuation. Evacuation is also bi-directional, allowing operatives out and emergency services in, whilst an automatic roll call will be printed, listed by subcontractor.

The system can also link to a remote portal with monitoring for real-time visibility of alarm network and reporting on tests and status.

EN 54 CERTIFIED

*HSE Fire Safety in Construction Review

Features and benefits

- Compliant with JCOP and HSG168, with an ETSI category 1 receiver; verified by an accredited, independent third party test lab
- Independent reset functions for fire alarm and first aid options on call point, with different alarm tones to distinguish between alerts
- Provides a robust audit trail for silent testing, alarm activations and system check results
- Detailed system data displayed on the base unit, such as number of units connected, battery alerts and notification of unit removal
- Simple to set up and easy to re-configure when adding or removing units
- Can be re-used across sites following a simple decommissioning process and health check, managed by Biosite (if required)
- The system's zoning ability helps keep equipment and costs to a minimum
- Option for remote monitoring via a secure cloud portal
- Call points are IP65 rated as weatherproof

- Adjustable volume that can be set according to site conditions
- Smoke and heat detectors, fire extinguishers and mobile display units (trolleys) are also available. Trolleys are ideal for sites where units cannot be fixed to a wall, for example a historic building where protection of the existing structure is crucial
- Single or double knock options to minimise disruption from false alarms
- On-site support is backed up by on-call Biosite engineers
- Efficient out-of-hours notifications via secure text messaging