



Vericon Systems

MONITOR | MANAGE | MAINTAIN

Smart devices and systems for building management and control



Comprehensive automated testing to ensure industry compliance and system reliability.

Managing Risk

Testing life critical systems, such as a fire alarm, is a considerable responsibility. Should a fire break out, you need to know that the fire will be detected, the alarms will sound and be heard and the fire doors will operate as intended. Regular testing not only ensures you comply with your legal responsibilities, but is also your best way of ensuring that your systems will perform when they are needed most.

That's why we've developed an automated testing solution to ensure that your systems are always operating on the top line, that issues are quickly identified, and that will ultimately reduce your ongoing service and maintenance costs. It is also better suited to specific environments such as hospitals or care homes, where the prolonged testing of noisy alarms can cause unnecessary distress to patients or residents, and tempt some organisations to short-cut their testing regimes.

Our mission

Our mission is to support our clients with technology that enables them to reduce energy consumption, improve efficiencies and ensure compliance.

Automated fire alarm testing

Get in touch

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AUTOMATED FIRE ALARM TESTING



Comprehensive testing Solution

In weekly fire alarm tests, a random call point is selected to trigger an alarm. The person responsible for the test is required to check that every individual sounder is working properly, and that the alarm panel has correctly registered the call point for which the alarm was activated.

In larger buildings that may have many dozens of sounders and call points, this can be a challenge. But not any more. Neither is it a challenge to test the fire alarm illumination or fire doors.

Our fire alarm testing solution comprises three specific battery-powered devices that ensure you comply with your industry obligations.

- A discrete device that is attached to the sounder, and monitors its output during the test to ensure it is fully functioning. The device effectively converts any fire alarm (or carbon monoxide alarm) into a smart system, monitoring and reporting its operation.
- A second device that is attached to the alarm beacon to monitor the fire alarm's illumination and ensure it is working correctly in conjunction with the audible alarm.
- A third specific device that assesses the status of a building's fire doors during a test. The device is able to determine whether a door is securely closed, wedged open, or being held open wide. During the test period, if the door is not securely closed an alert will be raised on the system.



Data from each of these devices is recorded and analysed on our own proprietary dedicated portal, VS: Connect.

MANUAL TESTING VERSUS AUTOMATED TESTING

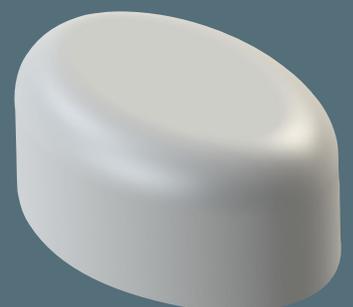


Manual Testing

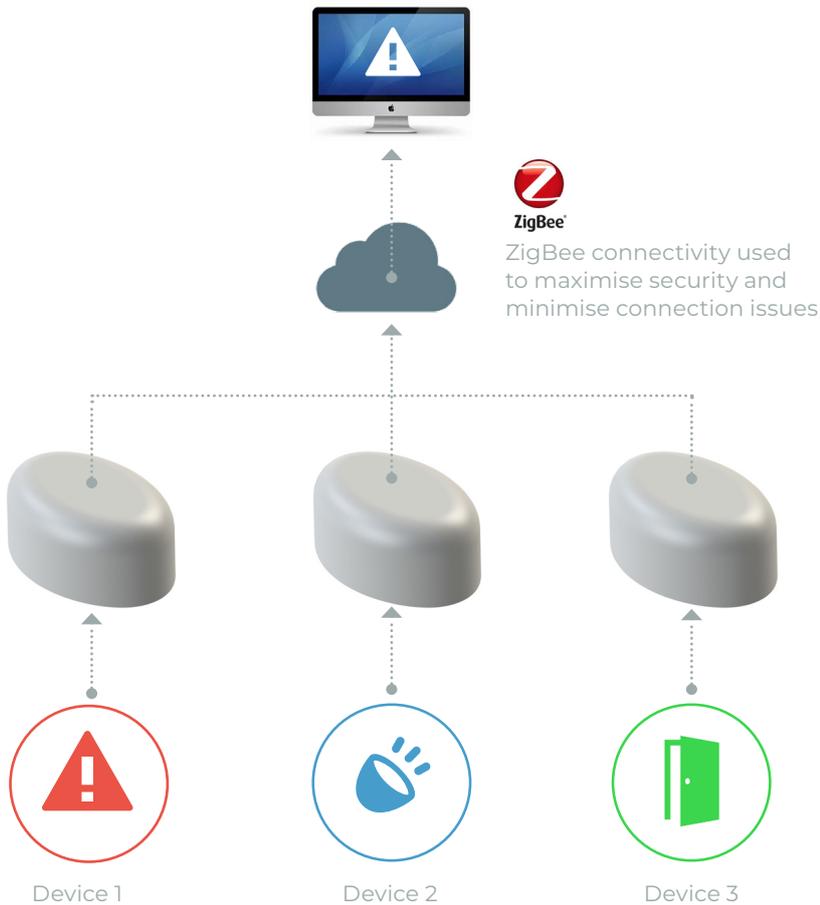
Testing fire systems is a time-consuming and therefore costly job, and one that is often left to the facilities manager or buildings manager who have not always been given the training required to take on such an important responsibility. There are also other drawbacks to manual testing; records are often poorly kept, if at all, and standardised records and management processes are often lacking.

Using our suite of automated testing solutions has a range of advantages including:

- **Compliance** – our devices help you to meet your regulatory obligations so you can guarantee 100% compliance
- **Fault diagnosis** – our solutions enable you to automatically identify issues and address them before an emergency occurs, to avoid vital equipment failing when it is needed most.
- **Simple management** – since the reporting is online, via the cloud, individual buildings or indeed whole estates can be controlled from your desk



Analysing data received



Simple Installation

Since the devices feature self-adhesive backing, they are also very quick and easy to install, requiring little or no training. Once installed, they take just a few minutes each to configure, and then they are working to ensure your life-safety systems are compliant.

- **Device 1 (Alarm):** Certifies each alarm sounds correctly.
- **Device 2 (Light):** Verifies the visual alarm is operating properly.
- **Device 3 (Door):** Ensures doors are shut while alarms are sounding.

The VS: Connect Portal



VS: Connect is a highly-secure cloud-based data processing and machine learning hub at the centre of all of Vericon Systems' solutions. Encrypted Data from Vericon's emergency lighting and associated automated testing technologies is gathered and interrogated to determine known correlations, data fluctuations against user-defined criteria and anomalies that may be linked to future failures. VS: Connect also analyses subsequent engineer reports to understand the causality of the initial alert. In the future, the system will not only look for correlations in data fluctuations but also be able to indicate the actual fault and detail the parts required to effect a repair.



Cost Saving

Our fire safety testing solutions are not only designed to ensure compliance and simplify the testing procedure, they are also proven to dramatically reduce costs compared to manual testing.

**AUTOMATED
FIRE ALARM
TESTING**



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Automated fire alarm testing

Compliant, automated testing to improve system reliability and reduce maintenance costs.

About Us

Vericon Systems is a technology provider that puts the client at the heart of its business. It develops products, systems and solutions that enable its clients - including some of the UK's largest Housing Associations, Care Providers and Corporates - to control, measure and manage a range of building technologies, from emergency lights to boilers. In doing so, it enables its customers to realise real efficiencies, and create preventative maintenance programmes that not only save money in the long term, but also ensure they meet their legal and regulatory obligations around compliance.

Find out more

Want to find out more about Vericon Systems? What we do? How our devices and systems work? Where our products can be installed? If you are still unsure or would like to make an enquiry please email us at: hello@vericonsystems.com

