



MONITOR | MANAGE | MAINTAIN

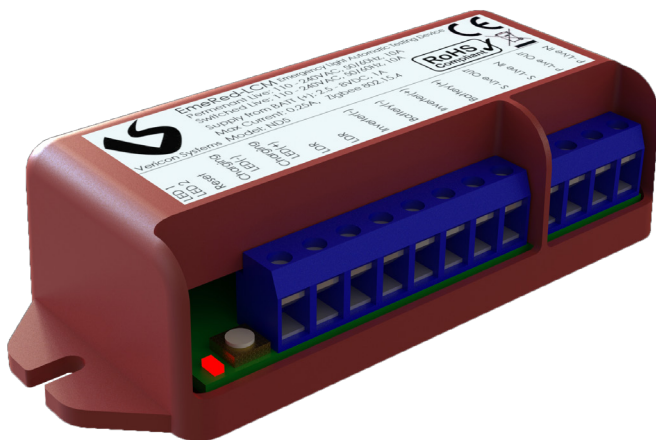
Complete ecosystem to support remote autonomous building management



EmeRed

Remote Autonomous Testing

EmeRed is a small, intelligent device that is programmed to automatically carry out relevant checks to ensure the lights are working when they are needed, compliant with the relevant BSI Standards and industry legislation.



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Retrofit Installation

EmeRed can be installed and commissioned on to any luminaire in under 10 minutes and will carry out tests over the next ten years and beyond.

Staggered Testing

Using Vericon's portal, test schedules can be set per device allowing for staggered testing in a single building, ensuring compliance with BS5266.

Secure Mesh Network

EmeRed, along with other Vericon devices, utilise ZigBee technology. ZigBee creates a self-healing mesh network to cover an entire building and ensure connectivity.

Automatic Failure Reporting

EmeRed will automatically send all test results to Vericon Connect. The Connect system will then notify specified users to any failed lamps or those requiring preventative maintenance.

Manual Testing

Testing emergency lighting equipment is a time consuming and costly job. It 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, including:



Business disruption

Manual testing disrupts normal building use, and takes the facilities manager away from other tasks, since it requires tested areas to be vacant for 24 hours following a duration test.



Lack of maintenance planning

A lack of fault and repair history for the light fittings makes future maintenance planning difficult and inefficient.



Reporting

Records are often poorly kept, if at all, and standardised records and management processes are often lacking.

Automated Testing

Using EmeRed to automate your emergency lighting testing regime has a range of advantages over manual testing, including:



Compliance

EmeRed devices are programmed to conduct tests in accordance with your regulatory obligations so you can guarantee 100% compliance.



Simple management

Since the reporting is online, via the cloud, individual lights, buildings or indeed whole estates can be controlled from your desk.



Degradation testing

EmeRed measure the life outstanding in each battery, to ensure they are replaced before an emergency occurs. It also automatically notifies you if there is a problem.

The trial has been going well, with a 98% success on retrofitting. The biggest advantage has been the complete visibility of the stock. The portal is easy to use, and the monitoring and reporting services are very useful.

Cameron Jeffrey

Head of Health and Safety Compliance
Grand Union Housing Group



Scan here to download EmeRed's
ROI case study

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