

CASE STUDY: Private Hospital - Manchester, UK LIFT SHAFT INSTALL

The Building:

This newly-built hospital is located in the centre of Wilmslow, Manchester, and is owned by HCA International, the world's largest private hospital group. The hospital provides advanced diagnostics, treatments and surgical procedures for a wide range of medical conditions.



The Challenge:

A world-class hospital deserves a similar standard of maintenance, and this challenge has been won by Zen Engineering Ltd. The smoke detector in the lift shaft was one that could not be tested without disrupting the hospital, and this was of concern to Zen Engineering. A solution was required in order to ensure that this site was fully compliant with the test and maintenance requirements of BS5839-1.

The Solution:

Having considered various alternatives including using pole-mounted equipment raised through an emergency escape hatch, Zen Engineering opted to install a Scorpion system in the lift shaft to enable testing of the smoke detector to be carried out whenever required, and most importantly without disruption to the hospital staff or patients.

Scorpion is a functional smoke test system where the smoke generating head unit is mounted next to the point detector in a difficult to access location and operated from a control panel mounted in an easily accessible area.

At 52 Alderley Road, the head unit and detector were installed while the lift engineers were still on site and cabled to the control panel in an adjacent riser. Testing can now be done in a matter of minutes, whenever required, and without any disruption to the hospitals users.

Scorpion saves the Premises Manager the hundreds of pounds each year that are normally required to shut down the lift for testing of the smoke detector and will provide a return on investment after the first maintenance visit.

“A real game changer. It will change how awkward detectors are tested without the cost and the costly inconvenience.”

Kevin O'Donnell, Managing Director of Zen Engineering Ltd

“An excellent solution to a frustrating practical problem”

Tom Hyde, Facility Maintenance Technician

For more information and applications where Scorpion can bring benefits, visit www.scorpion-tester.com

Contact Zen Engineering at www.zenengineering.co.uk

NO ACCESS, NO EXCUSES.



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