

**UCLH**

# FIRE ALARM SYSTEM UPGRADED AT NATIONAL HOSPITAL



## FIRE ALARM SYSTEM UPGRADE

Appointed by the UCLH Trust and Mace following a competitive tender and presentation process Tri Management were awarded the contract to work within the three buildings making up the National Hospital on a principal contractor role.

Daily Liaison with the Trusts staff and forward planning helped no end to gain access to difficult areas and inform staff well in advance of the forthcoming works and how this would impact their daily routine and look to keep the patients and staff safe.



**National Hospital of Neurology and Neurosurgery** contains highly controlled and regulated environments such as theatres that required deep cleans and coordination with infection control.

LIVE ENVIRONMENT

**Tri Management Engaged as Principal Contractor**

Upgrading the existing Fire Alarm system at the National Hospital provided Tri Management with numerous challenges to upgrade and enhance the existing Fire Alarm system – not least of all working within highly controlled and regulated environments such as live wards, operating theatres and patient day care – not to forget our everyday Asbestos and working at height issues...



**UCLH HOSPITAL**

## REDUCTION OF UNWANTED ALARMS...

Replacement of the Fire Alarm control panels and a re-design of the existing overloaded loops and replacement of xx 34000 field devices along with an intricate programming to enable phased evacuation Alarms has as informed by the Trusts Fire officer greatly reduced the Hospitals unwanted alarms, the National went from being one of the Trusts worst offenders in relation to unwanted alarms to being one of the best.

*Refer to the separate case study for the UCLH trust where we have upgraded some of the existing Emergency Lighting systems on a number of UCLH sites with the Intelligent FireScope Emergency Lighting system by Hochiki Europe*

EMERGENCY LIGHTING



# OUR SOLUTION



NHNN HOSPITAL, QUEEN SQUARE

## Other Works

During and following on from the Upgrade project we have undertaken the ongoing site maintenance of the Fire Alarm system at Queen Square, undertaking and completing successfully numerous additional projects including Watermist systems to the Generator enclosures, Argonite Gas system to the external sub-station and upgrade of further Buildings on the Queens Square site where required.

## PROJECT MANAGEMENT

A complete site survey, download of panels and Loop identification preceded a set of approved installation drawings to enable us to plan our way forward. Weekly site project meetings progressed over the year long project and resulted in an incident free upgrade project.

## SEN-TRI

Our unique remote monitoring platform *Sen-Tri* provides a simple web browser to log, manage and administer the system, providing assurance to the end user, that the system is fully functional and maintained correctly. System alerts (Fire/Faults) can be sent to individuals direct to their phones ensuring the right people get the right messages in real time.

During the upgrade project, Sen-Tri was used as a tool to help our team manage faults and alarms on the system – this facility was extended out to the Trusts Fire Officers to enable them to receive alarms in real time while the upgrade works were ongoing. This proved to be very successful and the Trust decided to keep Sen-Tri installed on site and have extended this system to a number of their other sites.

Changeover monitored using

# Sen-Tri

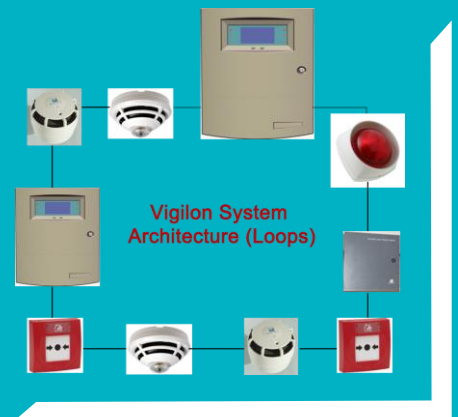
Remote monitoring solution



## VIG INSite

### VALUABLE SYSTEM INFORMATION

As Queen Square is a Gent by Honeywell system, with VIGINSite we are able to provide an annual report across the Fire Alarm network which provides valuable information showing the age of the Fire Alarm Panels, associated cards and software along with a report on the age of the systems field devices – thus allowing the client to be able to budget accurately for any future upgrade requirements.



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