

**Editor:****Jonathan Baillie**

jonathanbaillie@stepcomms.com

Technical Editor:**Mike Arrowsmith**

BSc(Hons), CEng, FIMechE, FIHEEM

Sales Executive:**Peter Moon**

petermoon@stepcomms.com

Business Manager:**Nick Carpenter**

nickcarpenter@stepcomms.com

Publisher:**Geoff King**

geoffking@stepcomms.com

Publishing Director:**Trevor Moon**

trevormoon@stepcomms.com

Journal Administration:**Katy Cockle**

katycockle@stepcomms.com

Journal Design:**Dave Woodall****Published ten times a year by:**

Step Communications Ltd,
Step House,
North Farm Road,
Tunbridge Wells,
Kent TN2 3DR
Email: hej@stepcomms.com
Web: www.healthestatejournal.com
Tel: 01892 779999 Fax: 01892 616177

**Published on behalf of:**

The Institute of Healthcare Engineering
and Estate Management,
2 Abingdon House,
Cumberland Business Centre,
Northumberland Road,
Portsmouth, Hants PO5 1DS
Reg Charity No 257133

Journal Subscription

UK		Overseas	
Annual	£101	Annual	£109
Half year	£60	Half year	£69
Cost per issue	£19	Cost per issue	£21

©2017: The Institute of Healthcare
Engineering and Estate Management UK
ISSN 0957-7742

Printed by Green-On Limited,
Tunbridge Wells, Kent TN2 3XF

Neither the Institute nor the Publisher is able to take any responsibility for views expressed by contributors. Editorial views are not necessarily shared by the Institute. Readers are expressly advised that whilst the contents of this publication are believed to be accurate, correct and complete, no reliance should be placed upon its contents as being applicable to any particular circumstances. Any advice, opinion or information contained is published only on the footing that The Institute of Healthcare Engineering and Estate Management, its servants or agents and all contributors to this publication shall be under no liability whatsoever in respect of its contents.

No margin for error on fire safety

The horrifying fire at the Grenfell Tower residential block in North Kensington on the night of 13 June and its aftermath – with numerous lives lost, and the ongoing investigation into the part that elements such as the external cladding may have played – have naturally been much in the news.

While this devastating fire occurred in a residential block, the speed of spread of flames up the building's exterior, and the challenges both of accessing the higher floors, and of effectively fighting a major conflagration in a sizeable tower block, threw a strong focus on mitigating fire risks in all high-rise buildings, hospitals and other healthcare facilities being no exception.

Head of Fire and Security at Leeds Teaching Hospitals Trust, and secretary to the National Association of Healthcare Fire Officers (NAHFO), Peter Aldridge, interestingly pointed out to me that when looking at the fire safety elements, the media had focused on 'the high rise stay put policy' advocated for residents in a high-rise tower, a principle he acknowledged was 'not far detached from the principle of progressive horizontal evacuation', with both approaches very reliant on effective fire compartmentation.

Among the actions taken in the healthcare sector following the fire was a call for NHS Trusts to provide data on their cladding, and indeed there is no question that Trusts, and indeed private healthcare providers, will have been looking closely not only at their cladding, but equally at their existing fire compartmentation, fire alarm and detection, and other fire prevention and protection systems, to ensure that they are fit-for purpose and meet legislative requirements.

As Peter Aldridge points out in a joint comment piece with IHEEM's President, Peter Sellars, on page 13, 'these incidents should and must concentrate all staff working within healthcare organisations to focus on their responsibilities towards fire safety'. He adds: "This applies equally whether their role and responsibilities are around basic fire prevention, initial response to a fire, or evacuation, or they have a more strategic role, such as capital planning, procurement, maintenance of fire safety systems, and risk assessment. There really is no margin for error."

Jonathan Baillie | Editor

jonathanbaillie@stepcomms.com

COVER STORY

Providing control where it's most needed

The healthcare sector, more than most, is required to provide a high quality built environment, along with the necessary supporting infrastructure – such as heating, ventilation, and hot water – upon demand.

This environment must be sustainable, affordable, and, above all else, remain compliant and resilient at all times.

A building energy management system (BEMS) provides a method of delivering a high quality working and patient care environment very effectively, and Trend's new IQ Vision monitoring and management solution places control just where it's needed using a graphical, real-time user interface. Acting as a window to a BEMS, it integrates Trend controllers, third-party smart devices, and internet protocols, into a centralised software platform that is designed to manage buildings at an enterprise level. Just as importantly, it gives building owners and managers the ability



to immediately identify issues, optimise their systems, and save energy.

A number of leading healthcare estates have also integrated a Trend BEMS into their water quality management systems, which has provided them with a proven management tool for their *Legionella* monitoring and control policy and, in turn, enhanced their ability to maintain compliance and be resilient in a sustainable manner.

Trend Control Systems is a major international manufacturer and supplier of building energy management systems, with a worldwide distribution and support network covering over 50 countries.

Trend Control Systems
Albery House
Springfield Road
Horsham
West Sussex
RH12 2PQ
Tel: 01403 211888
www.trendcontrols.com