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**RAMTECH PROVIDES CAPITAL SOLUTION FOR LEADENHALL**

The Leadenhall building in London has become the tallest construction project so far to benefit from Ramtech Electronics' innovative wireless fire alarm system.

Laing O'Rourke utilised the company's proven wireless emergency system (WES) to protect workers and physical assets during construction of the 224 metre, 46 floor central London development.

The Leadenhall Building demonstrates the versatility of the company's technology - WES is suitable for all types of projects from small construction sites through to large commercial and civil engineering developments.



With around 85 per cent of the Leadenhall Building assembled off site, the wireless nature of the fire alarm system enabled the units to be repositioned easily and quickly on what was an unprecedented level of construction progress for a high rise structure in the UK.

Apart from being wireless, which allows easy installation and repositioning of the units, the WES technology saved time by allowing mandatory weekly fire alarm tests to be carried out using the silent function, avoiding disruption to workers.

To eliminate false alarms and lost hours on site, the system uses highest quality Category 1, Euro-harmonised radio in compliance with European standards covering the use of radio technology in emergency equipment (ETSI 300-220-1).

"We have used the company's wireless fire alarm systems before and so were confident that it would provide a solution on this project," said Ian Fleming, Senior Project Manager at

Laing O'Rourke. "The challenge we had to overcome was the speed of build, which required a fire alarm system that could easily be repositioned on a regular basis, and its sheer size at 46 storeys, making it the tallest building in the City of London."

Ian added: "We liked the fact that the WES system is scalable, which allowed us to link a large number of fire and smoke units to a central monitored base station. Being wireless gave us the flexibility to quickly add and remove units as the building progressed, without the need for specialist trades on site."

Ramtech Electronics has been developing market leading wireless technology specifically for the construction sector for over a quarter of a century. It is the only wireless fire alarm system in the UK to be specifically engineered - and independently tested and approved - to comply with EN54, and therefore with the new Construction Products Regulation (CPR).

Aside from helping save lives on construction sites by ensuring workers and visitors evacuate to safety as soon as a fire is detected, the technology protects valuable assets. In the case of the Leadenhall project that included work in progress and neighbouring high value buildings.

WES' technology does this by alerting personnel immediately that a fire is detected. This enables evacuation of the site as well as allowing fire and rescue teams to begin tackling the incident sooner.

Paul Henson, Sales and Marketing Director at Ramtech Electronics said: "The relatively low investment required for our system compared to the protection it provides makes it a very straightforward business decision. Once the work on site is completed the units can simply be moved to the next construction project."

To ensure your site has the best possible protection for workers and assets, whilst complying with the new EN54 standard, call the WES+ helpline on: 00 44 (0) 115 822 3424, or visit: [www.wesfire.co.uk](http://www.wesfire.co.uk)

**End.**

#### **Notes to editor**

Ramtech Electronics Limited was formed in 1990 to meet growing demand for an effective security solution for leisure and holiday home facilities. Since then it has grown to become a leading UK manufacturer and supplier of a variety of wireless safety, security and communication systems to the construction and leisure industries.

The company is privately owned and managed and prides itself on outstanding levels of after sales service and support. Ramtech continues to invest in a team of specialist engineers that are located around the UK and dedicated customer support staff at its head office in Nottingham, UK.

Since the 2010 launch of WES, Ramtech has sold over 15,000 units and is currently supplying over 70 percent of the top 100 construction companies in the UK. WES provides an effective temporary fire system for construction sites and since being launched in 2010 has become an integral part of health & safety practice of many large construction companies.

Ramtech's Wireless Emergency System was highly commended in the 2014 Beaumont Safety Trophy category of the national Construction Health & Safety Group awards.