

New Cross

New Cross benefits from fire detection system upgrade with Johnson Controls



Project overview

The consequences of a fire or false alarm in a hospital environment could be life threatening for patients due to the difficulties and dangers of an emergency evacuation. The upgrade enables New Cross hospital to benefit from a modern, intelligent, fully addressable fire detection system that allows prompt and reliable detection of fires, helping to protect patients, staff and visitors.

Product and services applications

- MZX Technology® upgrade programme
- Detectors and sounders
- Break glass points
- Hand-held deaf alerter
- VHF radio transmitter

Customer needs

Wolverhampton's New Cross Hospital is the largest hospital in the Black Country with over 40,000 visitors a week and consists of a mix of old and new buildings. Johnson Controls have been entrusted with the safety on site for over 20 years and is working on site on the complex upgrade.

"The service from Johnson Controls has been excellent"

Brian Sweet, Electrical & Electronics Manager
at New Cross Hospital

Johnson Controls solution

Johnson Controls is upgrading three Minerva based fire detection systems to the latest digital MZX Technology® at the hospital. The upgrade to the digital MZX based fire detection system includes over 15 MZX networked panels, over 9,500 detectors, 3,600 sounders and 1,240 break glass points. The new digital based MZX system ensures that in the event of a fire, sounders are automatically activated and a number of predetermined doors close – isolating the fire and protecting escape routes.

Johnson Controls have also installed the Deaf Alerter system that comprises a VHF radio transmitter and aerial which is connected to the hospitals existing fire alarm system. This responds instantly to an alarm and sends a message to the small hand-held Deaf Alerter, which flashes and vibrates to attract attention of the users. Continuing until the user is safely out of the building.

"The service from Johnson Controls has been excellent," commented Brian Sweet, Electrical & Electronics Manager at New Cross Hospital. "The Johnson Controls team spent on average 16 hours a week onsite upgrading the existing systems, maintaining those in place and liaising with the estate managers. Needless to say for such a large and complex site having an effective fire detection system in place at all times that helps reduce the risk of false alarms and ensures early detection of a fire is imperative and Johnson Controls provide the technology and the support that we can rely on."

For further information or advice, call: **0800 804 6227**

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