

Delivering large-scale sprinkler retrofits to improve resident safety across Nottingham City Homes

13 high-rise buildings

Retrofitted with sprinkler systems across the estate

29,000 homes

Supported across a wider residential portfolio

100%

Regulatory compliance achieved across all installations

Overview of the challenge

Nottingham City Homes (NCH) required a large-scale retrofit of sprinkler systems across its high-rise residential buildings following updated fire safety requirements.

The project needed to balance safety, cost and aesthetics, while being delivered within occupied homes and minimising disruption to residents.

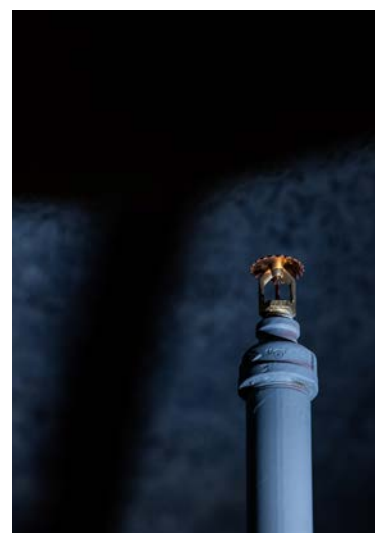
Key challenges included working within live residential environments, maintaining visual standards within individual flats and delivering a compliant, cost-effective solution at scale.

In addition, the programme required careful coordination to ensure access to individual properties, while maintaining a positive resident experience throughout the installation process.



A genuine improvement in resident safety”

John Carr, Senior Electrical Technical Officer (Nottingham City Homes)



Our Approach

Mitie Fire & Security designed and installed a bespoke compliant sprinkler system across all 13 high-rise buildings, covering individual flats and communal areas.

The solution incorporated CPVC pipework with discreet installation methods, ensuring minimal visual impact while maintaining performance.

To improve efficiency and reduce costs, we utilised existing mains water supplies alongside self-testing pumps and priority valves, removing the need for traditional water storage tanks.

A structured installation programme, supported by regular communication, resident engagement sessions and on-site coordination, ensured smooth delivery across occupied homes.

Close collaboration with NCH teams ensured alignment throughout the programme, enabling efficient delivery and consistent standards across all buildings.

Services

We deliver comprehensive fire and security services including:

- Planned and reactive maintenance
- Fire alarms and life safety systems
- CCTV, intruder alarms and access control
- Compliance reporting and digital integration

The Results

The project delivered a significant improvement in fire safety across NCH's high-rise estate, providing enhanced protection for residents.

Innovative system design reduced installation and maintenance costs, while maintaining a high-quality finish within residential environments.

Strong resident engagement and careful planning ensured minimal disruption and high levels of satisfaction throughout the programme.

This has strengthened long-term fire safety across the estate.

Why Choose Mitie

Mitie Fire & Security combines national coverage with a structured, data-driven approach to compliance. We deliver consistent performance and full visibility across complex estates, supporting safe, efficient operations.

Get In Touch

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