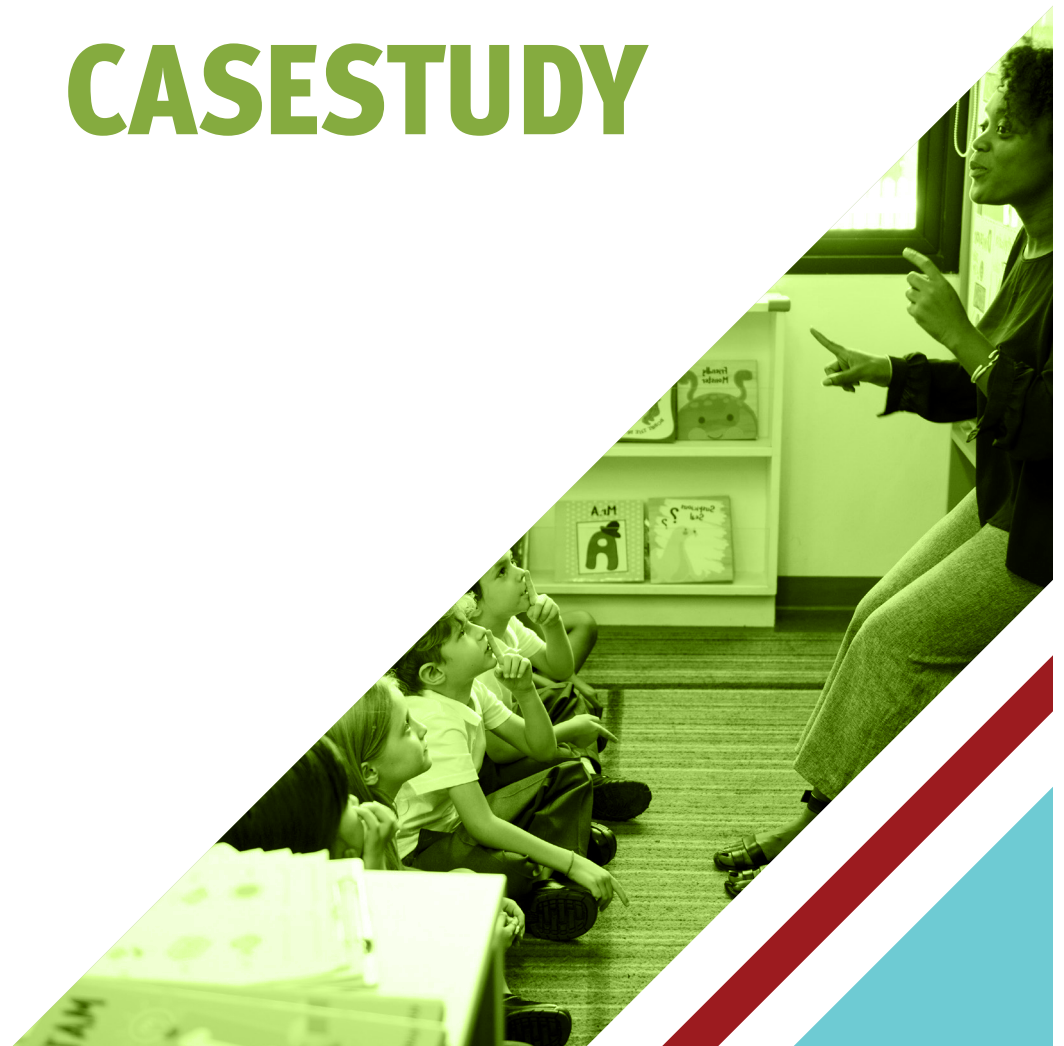


FRED NICHOLSON SCHOOL

 **HOCHIKI**
CASESTUDY





HOCHIKI IMPROVE LIFE SAFETY AT SPECIAL EDUCATIONAL SETTING WITH THEIR FLEXIBLE AND EASY TO INSTALL RANGE OF FIRE DETECTION DEVICES

Based in Norfolk, the Fred Nicholson school meets the educational needs of 162 pupils who have Educational Health and Care Plans identifying learning difficulties and a range of associated complex needs, including some children who receive specialist Autistic Spectrum Condition (ASC) provision.

Offering a personalised curriculum with high staff to pupil ratios, the school offers national curriculum and learning experiences that are relevant to their pupils needs which enables them to achieve. The school also offers residential provision to help further the life skills of certain pupils.

Following scheduled servicing, the need to update the existing conventional and 2-wire systems was identified, and the school underwent an upgrade to an addressable life safety system.

TP Fire & Security was enlisted to help with the design and installation of the new system, and Hochiki, the leading manufacturer of life safety products, was chosen for its reliability and ease of installation of its various product ranges.

Across the school L2 safety coverage was required, whereas 'live-in' areas such as dormitories required complete L1 coverage (much the same as a hospital or hotel) which included automatic fire detection. Hochiki's ESP addressable range was installed, due to its quality, reliability and diverse

range of intelligent products including; high performance sensors, flexible input and output modules and an assortment of ancillaries, perfect for a school environment where the fire detection system needs to have a bespoke and flexible design.

Hochiki's Ekho hybrid-wireless fire detection range was also installed and would interface with the main panel via a loop-powered translator module, for the schools mobile and outdoor classes.

As an educational setting with children with learning difficulties and ASC, it was extremely important to the school to keep disruption to an absolute minimum to avoid distressing the pupils.

The flexibility and ease of installation of the Hochiki products was key to the success of the project as explained by Kevin Harris, Technical Design Manager "A big plus with Hochiki products is how simple they are to install – it's why they've become our go-to supplier for the past 20 years. Many other manufacturers only offer hardwire solutions, and for locations such as schools and care homes, keeping the installation simple and reducing on-site time is a huge win as this helps ultimately to reduce the disruption to both staff, and the day-to-day occupants".