

# Case Study

## EDUCATION



### OVERVIEW

**CLIENT:** PORTAKABIN LTD

**PROJECT:** FIRE & SECURITY INSTALLATION

**BRIEF:**

Design and install fire alarm and security systems to a large modular school building project with demanding six week project schedule deadline.



## Fire & Security Systems

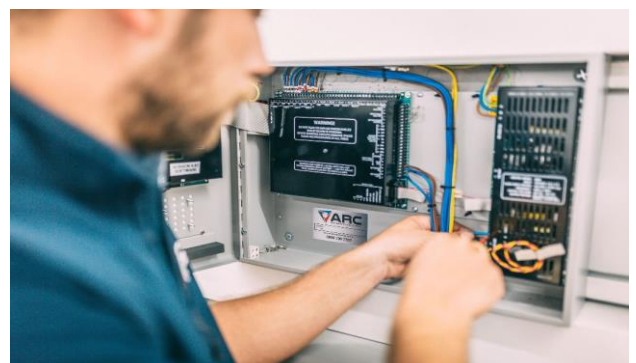
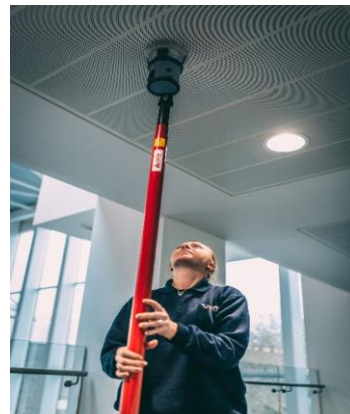
### Kensington Aldridge Academy 2

The tragedy of the Grenfell fire resulted in the adjacent Kensington Aldridge Academy being closed due to damage sustained during the incident.

The Government commissioned Portakabin to build a new college from modular buildings on another local site. The project consisted of three very large two storey blocks, with several additional buildings around the site. Once the buildings had been delivered and constructed, there was a very tight six week window for fit out and installation of the services.

ARC Fire Safety & Security were commissioned to design and install the fire and intruder systems.

An analogue addressable system comprising three networked panels was proposed for the fire alarm. A full L1 design was requested by the client. Network cables were installed between the buildings to ensure the whole site was covered by a single system, with the main panel being located within the Reception building. This provided the on site personnel the facility to immediately see the exact location of any activation, no matter where on site it was.



• Engineers test all the new system

The intruder alarm was also based on a networked system, with data cables being installed around the site to facilitate a single overall system, controlled by a single keypad at the Reception building.

Grade 3 Dual technology detection was installed to all areas, to provide instant detection of intrusion, as well as reducing the possibilities of false alarms.

Remote monitoring of both the fire and intruder systems was installed to alert the emergency services of an out of hours activation.

Since the original installation, ARC Fire Safety & Security has been awarded the service contract for the site CCTV system, and this has included the installation of detection to provide remote monitoring.

All systems on site are covered by an annual planned maintenance program, with 24 hour support available to the client 365 days a year.

The client was delighted with the final installation, which was completed on time and on budget.



## GET IN TOUCH

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