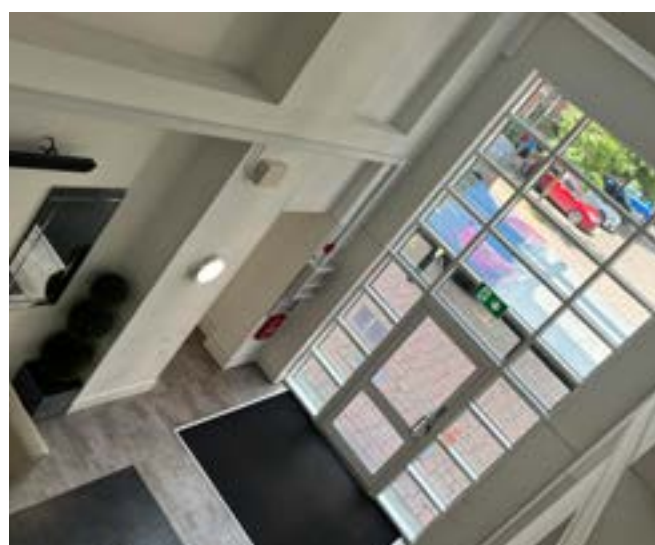


## CASE STUDY: Hybrid Fire Alarm System for Modern Apartment Blocks

### Customer requirement

RES were asked to install a new fire detection and alarm system for a number of residential apartment blocks in the South of UK.

Our customer, a property management company, had undertaken a detailed Fire Risk Assessment outlining the requirements and specifications needed.



### Solution

As outlined in the Fire Risk Assessment, RES planned and installed a Category L5 fire detection and alarm system using hybrid technology – with both wired and wireless devices.

RES was also able to link the new fire alarm system to existing Automatic Opening Vent (AOV) devices.

With hundreds of flats, split across five blocks, care and attention was needed to liaise closely and directly with each and every resident, via our dedicated 'Resident Liaison Officer'.

## Solution

A HAES Elan Panel 5400 was installed in each of the five blocks and linked to the specified EMS FireCell wireless devices such as smoke and heat detectors via EMS Fusion Radio Loop modules.



Care and attention was taken to ensure any necessary cabling was set within neat, tidy and compliant trunking throughout each block.



## The Result

RES was able to complete the works within a 7 week period, both on-time and on-budget.

The system was fully tested before it was signed off by one of our BAFE registered engineers, ensuring full compliance of the Fire Detection and Alarm System, ensuring peace of mind for the residents.

RES also provided the necessary fire alarm zone charts and operation and maintenance manuals containing all certificates, drawings, product, service and user information.

Handover and a demonstration was carried out on a Saturday morning, providing an opportunity to meet the residents and answer any questions they had.



## OUR FIRE DETECTION AND ALARM SERVICES

- Design, Installation and Commissioning
- Servicing and Maintenance
- Additional Works
- Fire Alarm System Upgrades
- Fault Finding and Repairs
- Regular Checks