

# EDSB PROTECTING SHEFFIELD HALLAM UNIVERSITY



## Our Experience

EDSB was appointed by BAM Construction to deliver specialist Life Safety and Security systems for Sheffield Hallam University across three buildings in South Yorkshire. The 12-month contract, valued at over half a million pounds, involved the comprehensive design, supply, installation and pre-commissioning of fully networked Fire Alarm, Gas Suppression, PAVA & Intruder Alarm systems.

## Client Testimony

Danny Thomson, BAM's Construction Manager, shares:

*“EDSB played a key role in the success of the Alliance Blocks project, bringing Fire and Security expertise that complemented BAM's collaborative, open-book approach and helped us deliver on our commitment to safety, quality and efficiency.”*



Nathan Best, EDSB's Client Relationship Director, mentions:

*“The installation across all buildings was a resounding success, completed on time and in full compliance with all design and safety standards. Through careful planning and close collaboration with the site team, we ensured the smooth and successful delivery of the project.”*

**#OneTeam**

## Initial Design

Before arriving on site, EDSB's in-house Design team was tasked with developing a BS 5839 Part 1-compliant Fire Alarm system and a BS 5839-8 Voice Alarm system. These systems were designed in line with the electrical services specification, the university's design standards and the Fire Strategy report.

By reviewing available information, including 3D models, reflected ceiling plans and lighting and mechanical drawings, we ensured our designs were fully coordinated with other systems and equipment. This proactive approach helped prevent coordination issues and on-site delays.

## Installation

With three buildings, multiple networked panels and over 2,000 devices, the installation of the Fire, PAVA, Suppression and Intruder systems required a thorough management plan to ensure adherence to the project timeline.

This included deploying an Engineering team to each block as needed and closely coordinating with the BAM site team. Bi-weekly meetings were held to provide progress updates, review design, technical and quality aspects, as well as address HSE requirements and any ongoing site constraints.

## Commissioning & Handover

Given that the three buildings had similar completion timelines, the commissioning, witnessing and C&E programming of the Fire, PAVA and Intruder Alarm systems had to be completed within a tight schedule.

EDSB collaborated closely with the BAM site team and other third-party contractors to ensure that the systems, as well as their interfaces with third-party systems, were fully functionally tested. This included verifying audio clarity, ensuring clear and intelligible messages and confirming proper zonal triggering and overrides on the PAVA system.