

Knowsley Learning Centre Case Study

Inner Range Concept/Insight Platform. Document Updated 17-12-2013

Situation

Knowsley Metropolitan Council is one of 12 authorities who are part of the first wave of Building Schools for the Future (BSF). The Knowsley project has seen all of the borough's 11 secondary schools replaced by seven state-of-the-art learning centres. The project has been funded by Transform Schools, who have provided just under £165m to build the new learning centres. The high quality buildings support advances in educational delivery and technology and will fulfil the learning needs of the Knowsley community.

Task

Transform Schools sought an easy to use intruder and access control system that complied with BS EN 5013, PD6662:2004 and BS EN 50133 standards and was proven to accommodate the diverse access and security requirements of an education environment. The system also needed to have the capability to integrate with the chosen fire alarm, sprinklers, PA, and cashless vending systems.

Action

Grantfen Fire and Security Limited won the contract to supply, install and commission security for all seven learning centres. Grantfen selected the Inner Range access control and intruder alarm system because it met all required standards and provided the ability to integrate with many third party security and automation systems, such as the chosen CCTV system. Each learning centre includes: 19 Intelligent 4 Door Controllers and 9 Universal Zone Expanders throughout the buildings with 130 internal and 30 external dual technology detectors.

The use of access cards allows permission based access based on user identity (e.g. staff or student). This ensures the learning centres can automatically revoke access to unattended classrooms or other areas where expensive or hazardous assets are stored. Due to Inner Range's integration capabilities, the learning centres can run cashless vending through the Inner Range system allowing staff and pupils to pay for lunches and vending machine purchases.

Results

- A robust Intruder and access control system compliant with BS EN 5013, PD6662:2004 and BS EN 50133 standards which provides scalability for future growth, or additional security requirements.
- Ability to integrate access control and intruder alarm with fire alarm, sprinklers, PA system, and cashless vending.
- A security system which is easy to manage and administered by centre staff.
- Permission based access minimising the risk of theft of assets or unauthorised access.

Operations Director at Grantfen states: "Transform Schools needed an easy to use integrated intruder and access control system to deliver a high level of security and integrate with other systems. The Inner Range system has enabled us to more than achieve our client's requirements both now and in the future."

