

King Edward VI School for Girls

No. of Locations
1

No. Of Buildings
6

No. of Entrances
21

No. of Pupils
932

No. of Card
1500

No. of Controllers
1



- King Edward VI School for Girls based in Handsworth in Birmingham, currently caters for a total of 932 pupils. They were looking for a more convenient and secure way to control access to their premises.
- The difficulty was that the school already operated a card system for vending purposes and they didn't want different cards for different systems, as there was a potential for confusion and complacency.
- One crucial issue was that they wanted central control for the whole system, even though the buildings they wished to secure were spread around the campus.

DCS proposed a solution from Paxton called Net 2. Net 2 is a PC based access control system, that allows an organization complete control over how their buildings are accessed and who is accessing their buildings. And should there be a breach in security, then Net 2 will also provide them with a report of all activities concerning building access.

The main controller was to be situated in the Main Building, from there, DCS utilized the existing campus wide network to connect the remaining buildings, 5 others in total, Science, Sport, Dining Room, 6th Form and Music and also the gate entry for the pupils. DCS then extended the network using Category 5e twisted pair cable to connect to the doors.

DCS then installed a heavy duty maglocks to the existing doors and power to the controllers and then connected these to an Hid proximity reader, which would allow the continued use of the school's existing Mifare cards. This was important, as the cards were used by pupils to purchase food and snacks throughout the day. This had been a long established system and important to the school, as it allowed the parents to place funds for their children, directly on to the cards via the internet.

King Edward VI School, now has a card access system in place that allows only authorized personnel on to their site and a system that gives them complete autonomy and control.