

ACCESS CONTROL

An existing client had a need to change their current access control arrangements as they expanded and needed greater control of the movement of students. We worked with the client to review the current access control system, Magstripe card technology, and established that proximity Mifare cards would be a better solution as the system was now being used with new turnstiles and a new disabled gate to comply with DDA regulations. The new turnstiles and disabled access increased security control and the new technology provided a smoother and quicker method of Student movement through the turnstiles, whilst reducing miss-reads and frustrations caused by the card being used in the incorrect way and access being denied. The use of Mifare cards also provided the client with the flexibility in the future to use the card for other applications such as cashless payments.

The system now provides a picture pull up facility meaning that as a student uses a turnstile, their picture is automatically displayed on a monitor above the turnstile they have used and security can see that the card being used matches the student.

The card printers were replaced with printers that automatically encode the Mifare cards with the student's details and picture printed onto the card. Student enrolment is an important part of the access control process as the number of students enrolling was increasing and a quick and efficient procedure was needed; this has achieved by using three printers and printing returning students' cards.

