



Willmott Dixon Beverley Tollesby School Construction

Based on a site in Middlesbrough, the Beverley Tollesby School is a modern district school being constructed by Willmott Dixon for children with autistic and behavioural needs. The school is part of the government's schools for the future programme or SF1 as it is commonly known.



Vanguard Security Services of Yorkshire were approached to tender for the installation of the biometric turnstile and other security services and won the project. Vanguard decided to specify the *ievo ultimate™* biometric reader because of its reliability and its use of multi-spectral imaging technology which does not have the same problems other biometric products have. The *ultimate™* reader is **able to scan through dirt, dust, high ambient light, water and even some latex gloves**. It is also ideal for the contractors on site who sometimes have poor fingerprints through damage or dirt. The reader is also fully IP rated and has a strong ergonomic design making it easy for staff to use on site. The reader was easily integrated with Paxton Net2 ACU and software which Willmott Dixon and Vanguard use regularly making it the obvious choice

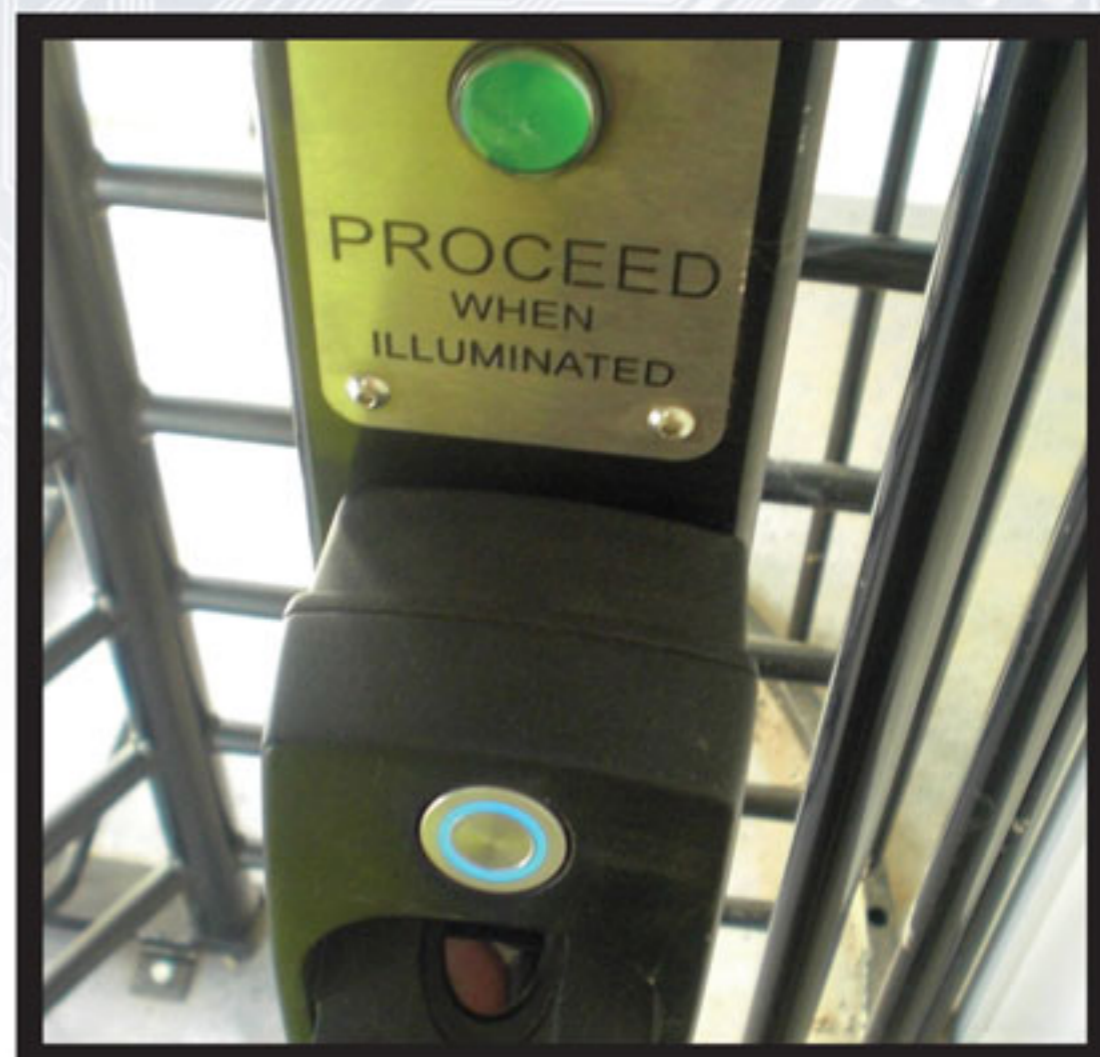
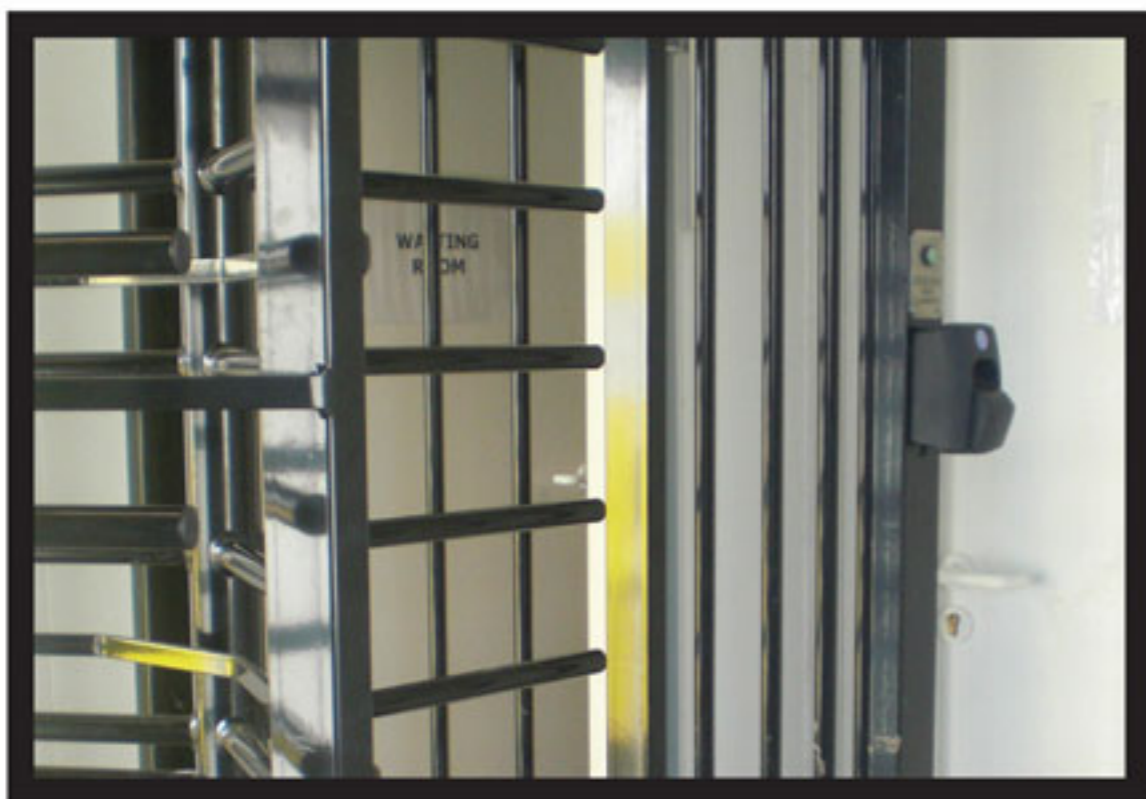
Willmott Dixon employs over 2500 people and is a major contractor in the UK. In January 2010 Willmott Dixon decided to specify a new biometric turnstile access control system to join existing CCTV and manned guard security on site. Willmott Dixon wanted to use a biometric system because of previous problems with proximity card and pin code systems which can easily be lost, stolen or corrupted.



It is estimated that the new biometric system will have up to and beyond 800 people registered. *ievo ultimate™* will be on site for a total of 86 weeks and then moved to a new Willmott Dixon site. Site secretary Sue Robinson controls all of the security systems from one PC on site. She believes the main advantage of *ievo ultimate™* and Net2 is **how easy it is to use**. Sue said, "Despite there being large numbers of contractors *ievo ultimate™* is simple and user friendly because the software is very intuitive. The Windows interface means that training other staff to use *ievo ultimate™* takes less than 30 minutes.

General Manager of Vanguard, Chris fields said "Using the *ievo ultimate™* biometric reader eradicates the need for cards which can be costly to replace if lost. It also means users can be easily added to the system from a remote location and can be deleted without being present. Cost was also a significant factor when specifying a biometric system that would work, and compared to other biometric systems *ievo* is significantly more cost effective

The setup of the biometric system on site is a double turnstile positioned in a cabin at the front of the site. An ievo reader is placed on both sides of the turnstile. Construction staff then approach the turnstile; scan their finger on the reader and proceed through the turnstile if access has been granted. This event is recorded in real time on the Net2 software and can be used later for administration.



“ The ievo™ project manager said, “The ievo ultimate™ reader is much smaller in comparison to its competitors products which often have large LED displays that are not often needed because the readers are usually placed at a DDA compliant height which means the screens cannot be clearly seen or the user has to bend awkwardly to view the display. Research has shown that screens are often the first target of vandalism on access control equipment. Instead ievo ultimate™ readers use a unique LED and audio system to alert the user if access has been granted or denied.

“ Sue said, “Being able to monitor the events of when staff are coming on site is really useful for sub-contracted workers. This way we can see which company has been on site and how many staff and of which traders. This ensures correct pay rates are used and that any disputes with time on site are quickly resolved because the biometric evidence is irrefutable. We also use the anti-pass back facility on the ievo ultimate™ software which means the system will not let personnel scan off site unless they have scanned on and vice versa. This is critical for health and safety because we know exactly who is on site. When we run a fire drill we can compare the software report to actual people on site. We have ran a number of these reports and they have all been 100% accurate.”

The smaller size of the ievo ultimate™ reader also means it can be **installed in tight spaces** such as turnstile support columns. Competitors of ievo™ struggle with this because they are not fully IP rated meaning they need to be placed in IP rated enclosures which means they need even more installation space. In addition, this makes installation much more difficult than ievo™. The ievo ultimate™ reader is far superior in terms of security compared to other readers in its class because the access control board which determines who is granted access (and operates the relay) is located away from the reader. This means in the unlikely event somebody managed to smash the reader from its holding bracket, the turnstile/door would not open. This is not the case with other biometric readers which house the ACU. The ievo ultimate™ reader can be installed **surface or flush mounted** and use a unique fitting bracket which means the reader can only be removed with a specially designed tool.”

**Visit the ievo website
for more information
www.ievoreader.com
or call 0845 643 6632**

Both Vanguard and Willmott Dixon have been so impressed with the ievo ultimate™ reader that they have already began recommending to other companies and projects

