



**BIG BROTHER**<sup>®</sup>  
Security and technology you can trust

**ievo** 

## School



## Top class security solutions

New security threats occur everyday! Can you trust your current security system to protect the pupils under your supervision?

### STOOD OUT FROM THE CROWD

Many schools in the UK are benefiting from biometrics. However, many education representatives lack the knowledge and understanding needed to choose the best system for your school's needs. That is why **ievo**<sup>®</sup> have created a complementary biometric which will integrate into your school's environment seamlessly, as well as provide pioneering technology that will change the way you view security.

**ievo**<sup>®</sup> can eradicate issues with swipe cards, fobs or proximity systems because fingerprints cannot be lost, stolen or hacked. Unlike many leading biometric systems **ievo**<sup>®</sup> also has the ability to integrate into many leading time & attendance and access control software facilities which can be incredibly useful for tracking pupil's cash exchanges and access levels throughout the school campus.

It is the reliability which will put your mind at ease when considering a biometric system for your campus. Fingerprint images are not stored, instead numerical data acts as the users identity which is stored on the opposite side of the door.

It is the flexibility which **ievo**<sup>®</sup>'s products provide that will allow you to control all movement from within the school grounds. Offering you the greatest amount of management options to keep your premises in order.

It is the innovative technology that cleverly surpasses current fingerprint systems that will allow all registered users on the system to scan their fingerprint no matter what types of substances they may be using throughout the day.

This guide will talk you through the **ievo**<sup>®</sup> biometric system and how it can benefit your school just like it has benefited many others throughout the UK





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### RELIABLE BY NATURE

Biometric fingerprinting is a form of security that has many advantages. **ievo**<sup>®</sup> in particular aims to protect not only the building or premises being secured, but the users also. When a user's fingerprint(s) are registered on an **ievo**<sup>®</sup> system, the actual image of the print is not stored. Yes, the fingerprint sensor will scan the print upon registration and produce an image initially, but this is quickly transformed into a fingerprint template. This process cannot be re-engineered to produce an image of a fingerprint. Therefore, the **ievo**<sup>®</sup> unit itself does not store any visual images. When a user scans their fingerprint the process is performed as described above. As long as the algorithm's final calculation matches a stored and authorised code on the database, then the user is granted entry. It is also worth noting that the fingerprint template itself is not stored within the actual biometric unit, instead it is stored up to 5 metres away on the opposite side of the door.

### FLEXIBLE TRACKING

You can mix and match biometric readers from within the school site to complement your security needs. From the robust **ultimate**<sup>™</sup> reader for internal or external use to the **micro**<sup>™</sup> reader which is perfect for internal settings. You are also able to control access levels within the installation site.

### INNOVATIVE TECHNOLOGY

**ievo**<sup>®</sup> is an innovative form of biometric, not only because of the seamless integration and flexibility it provides but because of the technology that is used to manufacture the readers. To put it simply, **ievo**<sup>®</sup> uses a superior form of fingerprint scanning called multispectral imaging. It is precisely this, coupled with a world class algorithm that allows the **ievo**<sup>®</sup> readers to function in certain adverse conditions. **ievo ultimate**<sup>™</sup> is able to function in harsh environments such as snow, rain and sunlight, as well as with certain substances present on the skin such as levels of dirt, moisturising cream, cosmetics, grease and with certain types of latex gloves worn by the user.

### CASE STUDY

A High School in North Wales, installed numerous **ievo ultimate**<sup>™</sup> readers to secure all major entry points around two buildings that make up the school site. The school previously used a swipe card system, where approximately 250 sixth form pupils and 100 teaching staff would gain access between different points around the two school buildings. Not only was the original system difficult to maintain but it became increasingly expensive to run because pupils kept losing their cards.

Firstly, using the **ievo ultimate**<sup>™</sup> biometric allowed school management to control

access rights between the two separate buildings on the grounds. Access levels are granted to sixth form pupils for five minutes during lesson change over so that at any one time, only one year group are present in each building.

Secondly, management at the school were worried about vandalism, which is why one of their requirements was a robust access control product that would be able to function in any adverse environment. **ievo ultimate**<sup>™</sup> is able to do so with ease.

Finally, they required a security system that would be up and running within a short period of time. Therefore, ease of use and usability played a major factor. The registration process of enrolling and training the pupils and staff on how to use the system took around two days.

To find out more, visit:

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