



Expert Security UK

ievo

## Biometrics



# Understanding Biometric Security

We will help you uncover the world of biometric security.

### RELIABLE, INNOVATIVE, UNRIVALLED

Biometric technology has, for many years become the foundation point of many businesses and projects simply because of the unparalleled security it provides. But for quite some time, people have become so accustomed to their standard system that they never think of upgrading their card, fob or proximity readers.

These security appliances have, of course, their advantages; from cost effectiveness, to how easy they are to use. In addition, they can be used in conjunction with biometrics. Meaning, that if you want to upgrade to a fingerprint recognition system you do not need to replace your existing card or fob reader. This is made possible by the **ievo**® product range

### THE UNRIVALLED TECHNOLOGY

This guide will coherently talk you through firstly the innovative technology behind **ievo** secondly, using time & attendance alongside **ievo** and lastly replacing your current biometric system with an **ievo**® reader. We can formally offer you **ievo**® products which surpass any other access control system available on the market today. Here's why...

In their innovative technology, **ievo**® readers use a unique fingerprint scanner called multispectral imaging. This is a far superior biometric sensor than the substandard methods.

In their reliability, this multispectral approach allows the **ievo**® readers to scan your fingerprint through levels of various substances present on the skin such as; dirt, oil, grease, cream, cosmetics and moisture.

In their unrivalled dedication to offer you the opportunity in experiencing this first hand, it is incredibly simple to either switch from your current biometric system or integrate\* into the **ievo**® products. This will efficiently save you time and money in the future.





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#### INTUITIVE TIME & ATTENDANCE

Time and attendance is an abundant yet intricate function which works excellently alongside biometrics. **ievo**<sup>®</sup> has the potential to log when an individual scans in and scans out, providing you with the exact date and time of the occurrence. This is perfect for SME, corporate and Blue Chip purposes. If you require a time and attendance software that's a little more elaborate, uniquely **ievo**<sup>®</sup> has the ability to integrate into many leading systems\*.

This will both minimise disruption during the installation process of the **ievo**<sup>®</sup> readers plus save you money finding another provider to suit the system.

\*Depends upon which software provider we choose for you, but this is a very simple process and usually the system you have in place will be able to integrate into both the card/fob and time and attendance software.

#### RELIABLE PROTECTION

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 users 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 algorithms 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.

To find out more, visit:

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