



Management Solutions Ltd.

James Bond technology at your finger tips

It seems that anything James Bond can do, access control and security providers can do equally as well.

Biometric fingerprint identification technology is moving at a fast pace and is the most talked about security feature for access control in organisations today. As employers increasingly focus on the safety and well-being of their employees it is becoming vital to know who is on our premises, where they are and what they are doing at all times.

There are around one billion possible minutiae combinations on each fingerprint making them a unique feature to every individual. It stays with a person forever, regenerates after damage and is amongst the most reliable kind of personal identification we have. It cannot be forgotten, misplaced, or stolen and even identical twins have different fingerprints. This adds up to fingerprint authorisation being the most affordable and convenient method of verifying a person's identity.

Personal data is not compromised as the biometric reader does not record a traditional 'police' fingerprint, but relies on readings of an individual's ridges and troughs across the finger surface, which are then converted by a mathematical algorithm.

The beauty of biometric fingerprint access control is that it can not only be used for identification and verification, but also in conjunction with an effective time and attendance system. Installed with software that contains employee records, a biometric reader can 'clock' employees in and out and be linked to an existing payroll system to ensure that employees are paid correctly for their time at work.

A similar link into a business's fire alarm panel results in an immediate and up-to-date fire list being produced whenever the alarm rings, keeping employees safe and your Health & Safety Officer satisfied.

It's no wonder that organisations across the world are taking advantage of this state of the art technology that is providing a low cost access control solution and helping to manage the time that employees spend at work.