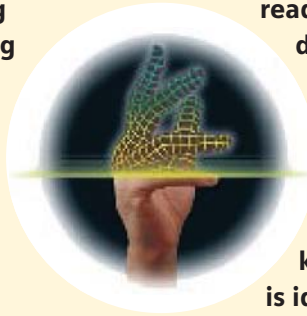


# ENCOUNTERS WITH ENTHUSIASTIC CONVERTS TO BIOMETRIC ACCESS CONTROL.

Traditionally, people wishing to access controlled areas have been identified and recognised using badges. This method, also used for keeping track of hours worked, has proved effective and given satisfaction for years, but it does have its limits - the identifier (the badge) can easily be exchanged. Biometrics provide a response to the problem of reliable identification by checking physical characteristics that are unique to each individual, such as the voice, the veins of the hand, the fingerprint, the iris etc.



In the case of the Handkey biometric reader, the system is based on a three-dimensional image of the hand, generated when the hand is placed on the device. The image is then processed and the person, who has also entered an identification code using a keyboard or a built-in card reader, is identified and consequently granted or refused access. The operation takes less than a second.

We set out to meet companies for whom IDtech has installed access control and time management systems operating on the basis of biometric recognition.

For anyone who still doubts the effectiveness of biometric systems, here are the experiences of four convinced companies, permanently won over by the efficiency and reliability of this identification technique.

## FIRST APPLICATION: THE NATIONAL LOTTERY

Centrally located on the Rue Belliard in Brussels, the imposing National Lottery building has large-scale security systems to protect its activities.



Not just anyone can wander into this venerable institution.

The National Lottery has a very sensitive risk profile, and is protected by stringent security plans and procedures.

## Strict visitor management

You are always welcome at the National Lottery, even if visitors hardly throng at the entrance - all the information you might need is available from its various websites.

However, if you wish to visit, you will receive a thermally-printed name badge that will expire automatically. These badges can only be used for a certain period. Once your time is up, the badge changes colour to show that it has expired. All visitors are always accompanied. Every floor is designed like a fortress, and you have to show your credentials to enter.

Visitor reception is managed by UniVisit, a software application designed, developed and supplied by IDtech.

## Specific security standards

As Mr Pintens, Senior Security & Quality Manager, told us, the National Lottery's activities are protected by strict security standards. Special attention is paid to protecting information and keeping it confidential.

This type of security is subject to standards laid down by the World Lottery Association (WLA), the WLA Security Control Standards®. These are based on the BS7799 security standards. Certification under these standards enables collaboration with other Lotteries to develop shared games, for example.

We cannot cover these measures in detail for reasons of confidentiality, but we can say that biometric readers are the first line of defence in sensitive areas.

## Choosing a system is not a chance decision - it's a winning choice

Once all the possibilities on the market had been examined, the choice was the biometric system offered by IDtech, in this case with a hand recognition system for obvious practical reasons: it offers very fast responses when verifying secure access allocation. Other factors also made a contribution, such as the system's reliability, general satisfaction with tests, no maintenance requirements and flexibility of installation.

Curiously, there was one obstacle that had to be overcome - a psychological obstacle linked to hygiene. Managers had noticed that users were reluctant to place their hands where others had placed theirs. Odd that this obstacle does not manifest itself when it comes to door handles, which are much more frequently used.

But the readers are cleaned at least twice a day, with no damage to the system, which reassures staff.

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**Optimal use of the system: access control and time management**

As a user of a biometric system applied to both access control and time management, the National Lottery can claim to be something of a pioneer - clocking in has been accomplished using biometric readers for over 9 years.

The working hours of hundreds of staff, and all the associated administrative functions, are managed by systems connected directly to the human resources department. The use of biometrics in time management has freed everyone from the need to remember their badges to have their hours counted.

**SECOND APPLICATION: TIME MANAGEMENT AT CMI, OR HOW TO COMBINE FINE TECHNOLOGY AND HEAVY INDUSTRY.**

CMI (Cockerill Maintenance & Ingénierie) is often cited as an example. An example of a successful company born from the restructuring of the Cockerill group, which reorganised in order to offer its clients industrial maintenance in the sectors of defence, energy and industry.

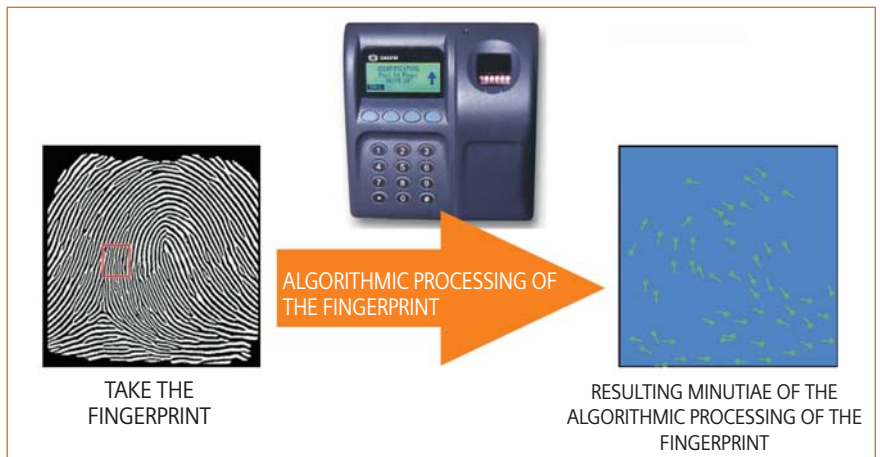
CMI employs over 2,500 members of staff throughout the world and achieves turnover of over 450 million euros a year, with a growth rate of more than 20%, thanks in part to its many acquisitions. CMI has subsidiaries all over the world.

One of the company's centres of activity is located in Seraing. In 2004 the site decided to replace its traditional badge readers with 8 IDtech readers. 400 employees were affected. The working environment imposes various constraints (dust, grease, heavy equipment being moved around, vibration...) and the relationship between management and staff is sensitive and important.

An IDtech system was the first choice, and a test period convinced the company they were right. During this period, the two



systems operated side-by-side. Other CMI sites have also turned to IDtech.



In Embourg, IDtech time and security management equipment has been installed; CMI Maintenance Hainaut in Manage have also called on IDtech, choosing a fingerprint recognition system from Sagem.

The transition from a manual to a computer-controlled biometric system at CMI Maintenance Hainaut was designed to resolve problems associated with loss of badges and clock-in cards and to harmonise administration.

The test period was an opportunity to build a new database and to assess the advantages of a direct link with the social security authorities, thus eliminating the risks of errors in calculating salaries associated with the clocking-in system, as well as to evaluate the reliability of the system.

The test was passed with flying colours: Mr Peduzy, HR System Project Manager, and Mr Monne, Administration and Purchasing Manager at CMI Maintenance Hainaut, approved the system after it behaved perfectly in the difficult environmental conditions described above.

The workshop manager is delighted with

the new tool, which enables him to plan tasks, program working hours and team line-ups and monitor them live on-line via the management screens. A much-appreciated advantage.

The choice of supplier: IDtech was selected. According to CMI, the advantages can be summarised as follows:

- flexibility
- availability
- hardware and software designed and developed in-house
- many discussion and information meetings
- proximity
- excellent value for money
- responsiveness: rapid execution of new programs, change management, positive evolution of the company

**THIRD APPLICATION: THE THÉÂTRE ROYAL DE LA MONNAIE**

In this focal point for culture and the arts, the IDtech system is used to manage and control access. It is designed for staff, and grants access to the main building, various delimited zones and the car park.

Surprising to find a biometric system in an environment open to the public? Not really. Biometrics have even more of a role in such a situation, in fact.

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### A real ant-hill.

In these buildings, which cover an area of over 20,000 m<sup>2</sup> and where over 500 people are permanently working, sometimes 24 hours a day when preparing for big opera premières, security measures are strict. It is important to be able to identify who goes where, grant access to reserved areas, prevent intrusions, organise monitoring to be able to find people in case of fire, and detect technical problems. The whole Théâtre Royal de La Monnaie site includes large numbers of workshops for sets, lighting, sculpture, painting and costumes, where artists are active at all times of day, and access to these workshops is controlled.

The biometric security system also aims to protect the precious equipment conserved in the various departments and rooms of the Théâtre Royal de la Monnaie.

Time management applications are currently being studied - but it is difficult to manage the hours of artists who may be working at any time of the day, and who are often travelling in Belgium or abroad. Flexibility is fundamental in this type of activity.

Integration with other systems for video surveillance and fire and intrusion detection is also being investigated.

For Mr Liénard, the Facility Manager, who has long experience at the Théâtre Royal, the biometric system is the ideal solution, accessible to all and not reserved for experts in access security.

### FOURTH APPLICATION: THE OFFICES OF THE MUTUELLE SOCIALISTE D'ATH

In this modern building, pleasantly located in Ath, flexible working hours have no limits. 182 people work here, and between them they account for more than 800 different schedules to manage per working day.

Mrs Vanmarcke, HR Manager, is delighted with this technological advance, in place now for over 12 years, which provides a real

management and planning tool.

In 1995, the Mutuelle chose the biometric system to manage its high degree of flexibility and ensure faultless administration, replacing reams of paperwork, with its inherent risks of errors. Statistics of all kinds can easily be generated, and the drafting of the social report is now a much more relaxed affair.

The system was deployed after a period of tests and checks, comparing results with the previous system. Now only the staff's hands need to be checked - no more need for badges.



IDtech's Unitime software enables a variety of reasons for absence and comments to be entered, time credits to be counted - in short, working time can be managed efficiently and coordinated with the specific programs of the social security authorities.

Access to the car park is monitored and managed by the IDtech access system, with specific time-slots allocated to different users.

For the Mutuelle Socialiste, IDtech is a dependable partner providing a personal service (one designated IDtech contact person), with flexibility as its major strength.

### OTHER APPLICATIONS? OTHER REFERENCES?

IDtech is also present at other sites, with the Bioscrypt system in the council offices in Louvain La Neuve, at the Walloon Brabant government buildings, at various council sites, hotel complexes etc.

The illustration of these different applications, in very different working environments, demonstrates how reliable, easy to deploy and efficient biometric systems are.



A further advantage: all the functions are compatible with each other - access control, time management, integration with intruder and fire detection systems, video surveillance etc.

In short, a promising future for biometric systems using various technologies, with each biometric technique applied to its own specific field. Here we have presented only a few examples.



### Let's talk about IDtech

IDtech develops and markets high-tech solutions in the fields of access control, time recording, centralised alarm management and personalised badges. 72% of IDtech's staff concentrates on customer service. IDtech also has a considerable sales network made up of approved installers throughout Belgium. In addition, the company has a large network of international distributors, based in Thailand, Malaysia, Malta, Morocco, Luxembourg, Canada, the Netherlands and the United Arab Emirates. Its customer portfolio now boasts more than 5,000 companies. The number of people making daily use of IDtech's identification equipment worldwide is estimated at 1,500,000.

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