Based on an ID, only persons who are authorised to access a zone can get through to it. Traceability and statistical analysis are an integral part of the process when thinking about site security.

Access Control

Access Control

Philosophy.
The first stage consists of closing off all access to a building or site physically. Then choosing an ID for each user and allocating authorised access ranges to them.

The access control system must be able to answer the following questions:

1 Where are the users?

2 Who has access to the building(s)?

3 How many people are there in the building when there is an evacuation?

4 How many people are still in an area?

5 Which persons have access to a strategic area on 13 January between 08:00 and 09:00?

The fundamental access control objectives are therefore limiting access to authorised persons and traceability of all events, supported by a filtering tool for presenting reports.

Capacity of the DBM6000 system:

- 100,000 users
- 40,000 access points
- 2 card codes, 1 keyboard code, 3 fingerprints
- 1,000 access categories or groups
- 250 daily schedules
- 250 weekly schedules
- Any type of obstacle (turnstile, gate, door, railings, etc.)
- Managing lifts, car parks, airlocks
- Standard or per-zone Anti-Pass-Back
- Division of the site into 254 per controller
- SQL Server, MySQL, Oracle database V10Gr2 min
- Client/server software for managers
- Graphic console for user interface
- Integrated user photo management
- Built-in badge customisation
- Graphics superversior with drawing tool
- Real-time development and supervision of elements
- Link to video surveillance
- Link to an umbrella database

Readers and IDs:

- 125 Khz proximity, Mifare-Desfire, Legic
- NFC-enabled mobile phones and tablets (Android 4)
- Biometry: fingerprints, hand morphology, facial recognition
- Any type of reader
- Keyboard encoder

Real-time centralised system:

- IP and/or RS485 solution
- On-line door trim or cylinder (Aperio)

Autonomous Beelock lock:

- System with access rights on the badge
- Consolidation of events through the user badge in less than 24 hours
- 4095 locks