

iSafe Pro

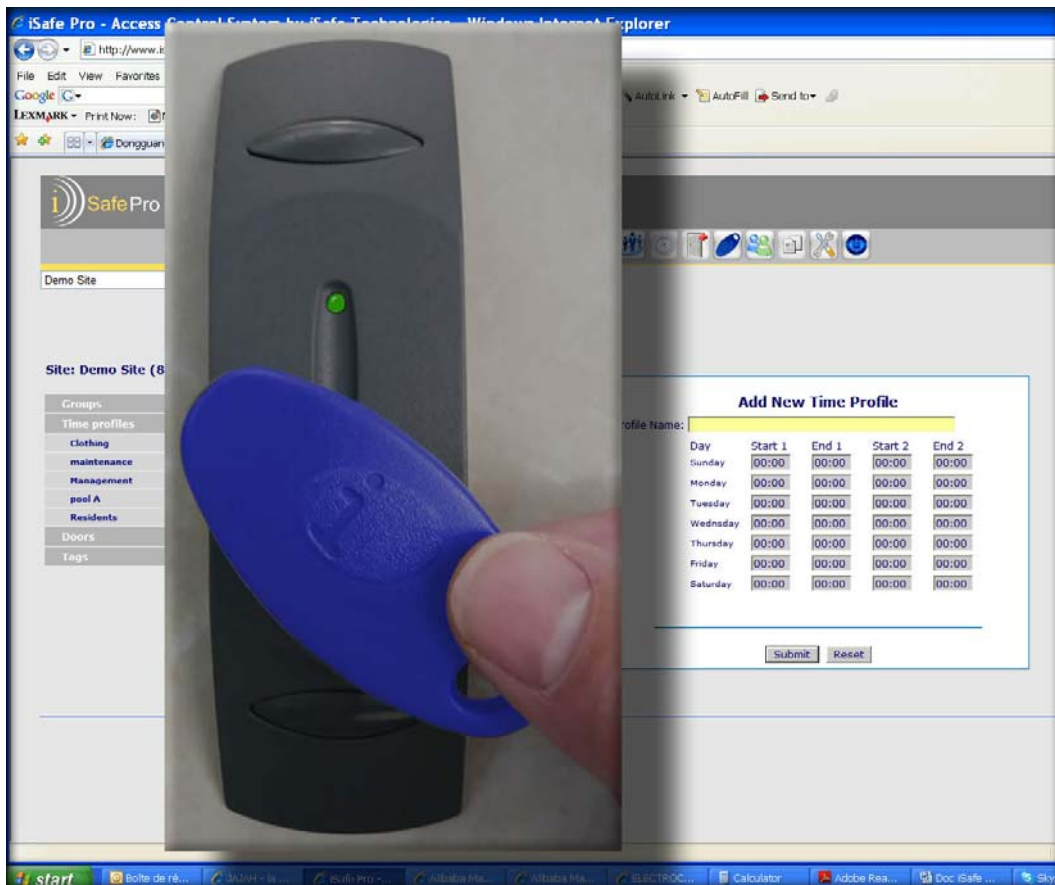
Effective access management

Technology

Administration of badges, access rights, events and other data through an internet connection using Internet Explorer and transmission of data by encoding in the badges or by wired transmission on RS485 (2-wire bus).

- Encoding in badges with an encoder connected to the PC via USB.
- Badges with read-write protection using A and B encryption keys (Mifare ISO 14443-A technology).
- Access rights with loss indicators by dating: the date of a new badge causes previous badges for the same user to be invalidated.
- Data stored in a MySQL database on a server protected with 128-bit SSL encryption.

Each door is fitted with a badge reader using Mifare technology connected to an ACU controller connected to a 12V DC power supply.



Operation

The following information is entered into the iSafe Pro software:

- Creation of details of the new site with the time zone (GMT), date, time and daylight saving time shifts, holydays
- Creation of user groups (maximum 64 groups)
- Creation of weekly timetable menus (16 menus with two time periods per day of the week)
- Creation of doors (maximum 65000 doors)
- Creation of badges (maximum 125000) with allocation of a group to each badge, a validity limit date and 8 individual accesses (office, storage cabinet, etc.)

On entry into service, a configuration badge is passed in front of the antenna of each reader to transfer the following elements to it:

- Site code
- Time zone and daylight saving time shifts
- Door number
- Authorized user groups associated with timetable menus (for each group, one timetable menu from among the 16 possible menus)

Event management:

- 5000 events recorded by the control unit in FIFO mode
- Transfer to PC by transfer badge (by packets of 400 events)
- Storage in database with option to export in Excel format

Advantages

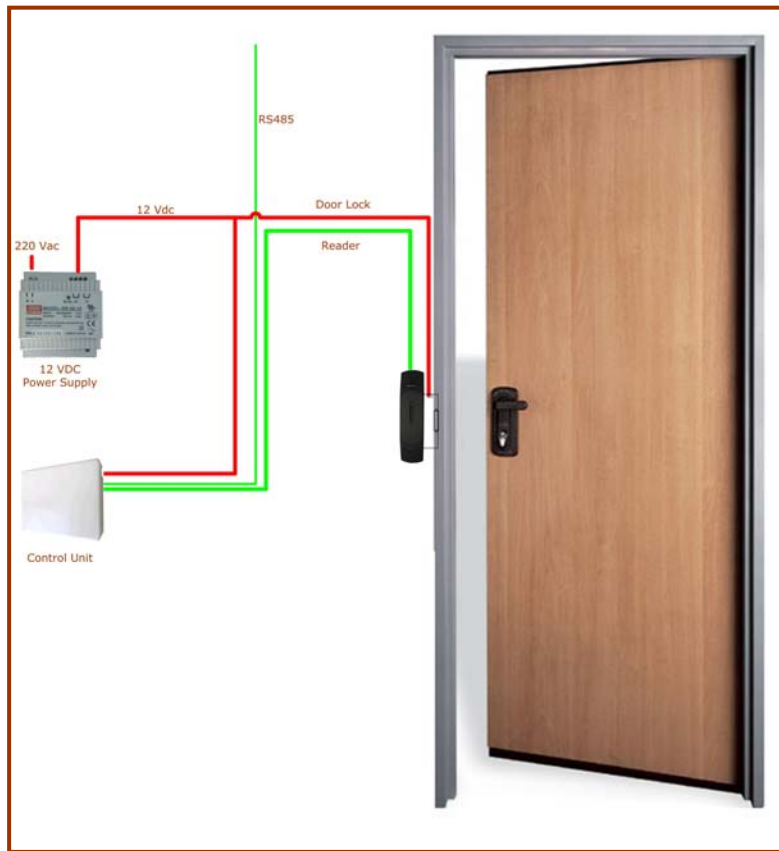
Scheduling updates are made both by the badges (a new badge deletes the old one once the door opens) and by the RS485 bus. It is therefore possible to have doors connected to the management PC by the RS485 bus while others are managed in disconnected mode by the badges.

Timetables are allocated to groups individually for each door. The same badge can hence be authorized for each door according to different timetables (at any time for the car park, from 8:00 to 17:00 for the work area and from 11:00 to 14:00 for the cafeteria). If the timetables for a group of people have to be changed, all that is required, is to take action on the relevant door, with the change being active for the whole group.

Options

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Management of time between opening a main door and opening a secondary door. A time stamp allows automatic cancellation of a lost badge on all doors with only operating on the main door.



Technical Specifications

Reader:

Mifare 13.56 MHz

Electronic drowned in epoxy resin IP 65

Green and red two-tone Led

Connection by cable 4 wire delivered out of standard 2 Mr.

Dimensions : 148x44x15 mm

Weight : 110 G

Badge : Standard Mifare format chart or key-ring (dimension 60x30x5 mm)



Control unit:

Mifare 13.56 MHz

Power supply 12 Vdc 1A

Data safeguarded in EEPROM

Ports RS232, RS485, Alarm I/O

Relay opening: breaking capacity 5A 250 Vdc

Buzzer, leds, buttons reset and parameter setting

Dimensions : 107x73x30mm

Weight: 90 G

