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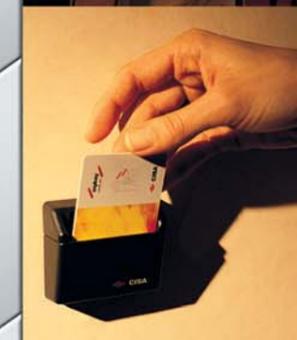
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PDE495

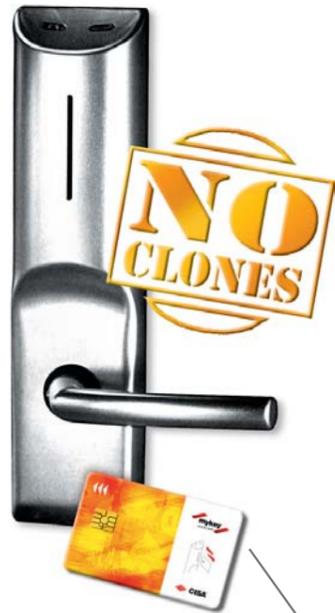
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my and
mymobile:
hotel locking
systems.



Hotel business? Guest security!



Are you aware that:

- safety and security are guest's major requirements when choosing hotels and destinations. (Source: IH&RA 1999);
- we are in a digital and cashless society. Travellers, businessmen and tourists are more accustomed to using the Internet to communicate - for payments, reservations, etc. - and now appreciate solutions that improve comfort, security and safe during their stay;
- today certain cards, easy to clone, are potential causes of thefts and frauds! Several situations could arise where the hotel's business is at risk, i.e.:
 - unattended card (fitness centre, swimming pool,...);
 - cards called for POS payment;
 - guests that are aware of clonable cards and hotel liability can defraud hotels by making false claims of theft, demanding free accommodation or refunds.



mykey security card: together with **mylock**, **my** and **mymobile** encoding systems with **3DES** cryptosystem on board, is the solution to protect the hotel business: **guests**.

Benefits

To the hotel:

- denies access to card clones, reduces frauds and thefts;
- communicates standard of quality and hotel security to guests;
- can be used to supply other services to the guests;
- uses a variety of smart cards (multiapplication) supplied by third parties and is able to offer more services simultaneously, as a guest card;
- allows faster and more user friendly card management and check-in operations;
- is autonomous (no PC required) and virus free;
- is easier to place on the reception desk, thanks to compact encoding systems;
- is portable (**mymobile**);
- reduces installation and maintenance costs.

To the guest:

- is exclusively "my" card;
- protects "my" belongings, safety and privacy;
- can be simultaneously used for other services;
- is user friendly.

...my key is only 

Finishes

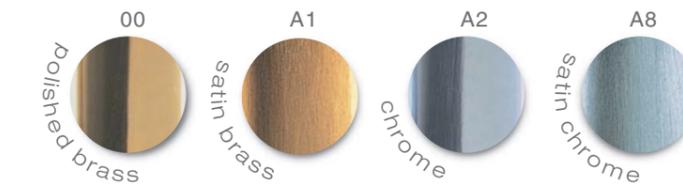
Anodized

Durable elegance!

Special electrochemical treatment to withstand demanding environmental conditions.



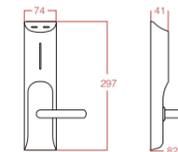
Electrophoretic



Specs

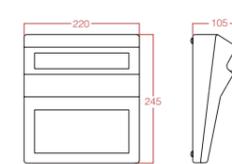
mylock

ELECTRONIC UNIT



Power supply: 4 alkaline batteries AALR6 1,5 V (supplied).
 Batteries life: ≥ 30,000 cycles.
 Audit trail: 500 events (mechanical override included).
 Black list: 80 cancelled cards.
 Reader life: ≥ 100,000 cycles.
 Operating temperature range: 0°-70° C.
 RAM inside.
 60 auto-programme timetables available with 3 states: normal, always on, lock-out (guest and/or staff).

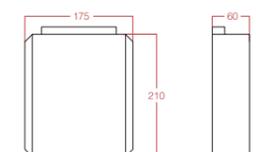
my



Login and operation audit trail: 12,000 events.
 Operators: 700 (card + password).
 Active cards audit trail: 14,000.
 Main power supply: 220Vac 50Hz (110Vac 60 Hz available on request).
 Adjustable backlit display (2 columns per 40 lines).
 Built in smart card reader.
 Reader life: ≥ 200,000 cycles.
 RS232 serial port for PMS interface.
 Parallel port for printer. Network port.

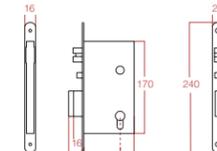
ACCESS CONTROL

ACCESS CONTROL UNIT



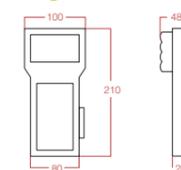
Main power supply: 220Vac 50Hz (110Vac 60Hz available on request).
 On board relay: NO/NC (120Vdc/240Vac-5A).
 Programmable access time delay: from 0,01 sec. to 10 min.
 Audit trail: 8,000 events (off-line configuration).
 Black list: 1,000 cancelled cards.
 60 auto-programme timetables available with 3 states: normal, always on, lock-out (guest and/or staff).
 Distance from smart reader (m): 20 max.
 Smart readers per control unit: 2 max.

EURO MORTISE LOCK



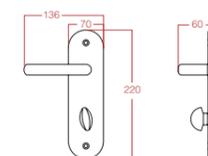
Latch and 16 or 25 mm (on request) deadbolt.
 Panic release feature: latch and deadbolt retract simultaneously.
 Anti-friction latch and anti-theft piston.
 Fire rating: 3 hours (finish INOX code 20).
 Available back-set (mm): E = 60, 70, 80, 90.
 Automatic deadbolt model on request.
 Strike plate on request.

mymobile



Login and operation audit trail: 2,100 events.
 Operators: 250 (card + password).
 Active cards audit trail: 2,400.
 Main power supply: 220Vac 50Hz (110Vac 60Hz available on request).
 Alternate power supply: 4 alkaline batteries AALR6 1,5 V (supplied).
 Backlit display 6 columns per 16 lines.
 Built in smart card reader.
 Reader life: ≥ 200,000 cycles.
 Buzzer (sounding key pad).
 RS232 serial port for PMS interface or Smart Reporting. Network port.

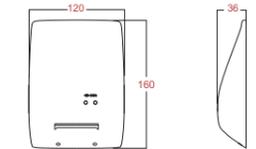
INSIDE TRIM



AUTONOMOUS NETWORK

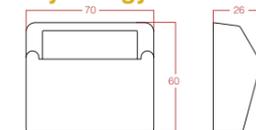
RS485 like, up to 10 km.
 Cable type: telecom, TR/R ATOX – FLAM (GEI 46,5).
 2p (twisted) + G not shielded.

SMART READER



Weather proof.
 2 high visibility LED displays (green and red).
 Standard cable length (m): 5 (supplied).
 Fixing screw supplied.
 Distance from the control unit (m): 20 max.
 Reader life: ≥ 200,000 cycles.
 Operating temperature range 0°-70° C.

my energy saver



Power supply: 24Vac 50Hz.
 Max outside voltage: 24 Vac.
 Outside power: 75 VA at start, 15 VA continuously.
 Recognised cards: my key and X-key



Complementary elements



ACCESS CONTROL

Designed to manage the access to both restricted (garages, parking spaces) and common areas (fitness centre, conference hall, business centre) according to programmable timetables. No staff assistance required!

- **3 DES engine:** finally card clones are kept out, thanks to the authentication process.
- **Configurable:** both off-line and on-line versions are available; on-line configuration assures real guest card invalidation after check-out.
- **User friendly:** ergonomic reader and high visibility led display allow an intuitive use.
- **Simple and secure installation:** the device is easy to install and extremely strong and reliable. Compatible with "503 type" box.



my energy saver: for guest comfort!

Simple and cost-effective solution to reduce guestroom energy consumption. my energy saver is a card operated switch that is finally able to intercept and deny the use of generic cards (business cards, plastic cards...).

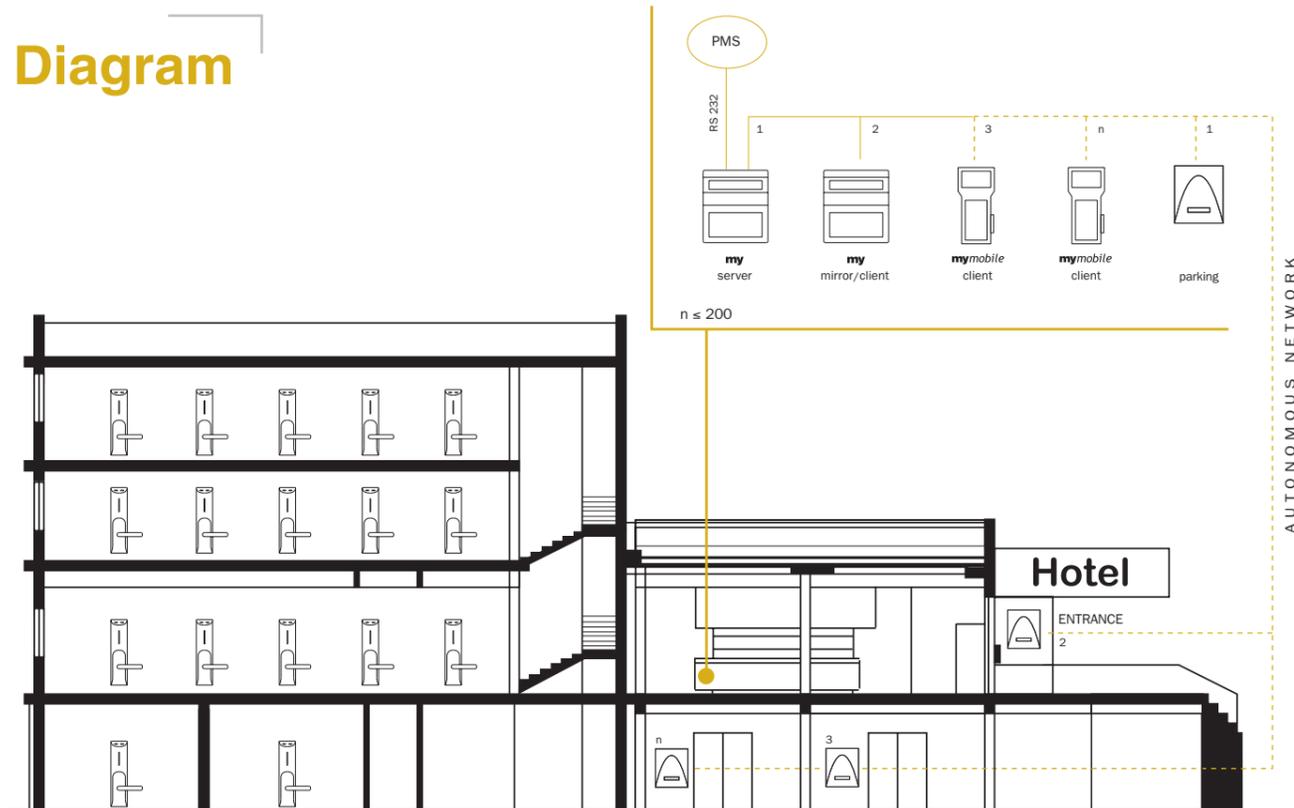
- **mykey only:** it is the unique card recognised by my energy saver.
- **User friendly:** guests can switch on and off lights and power by a single point.
- **Higher guest comfort:** illuminated display to enable guests to see it even when lights are off. Delayed switch-off to enable guests to leave the room when lights are still on.

Commercial transformer and contactors are available (on request).
Basic model, without card control, is available.

mykey migration programme

With the programme designed to reward all CISA clients who have chosen 80100 Series, CS 9580 Magnetic, CS 9580 SMART and SMART Mobile locking systems, it is easy to migrate to **mykey**! Ask CISA which programme better suits your needs.

Diagram



mylock: the first lock powered with "3DES engine"!

Card clones are illegal! **mylock**, with 3DES cryptosystem on board, is the only lock that authenticates cards! Only original cards are accepted.



mykey security card

EXCLUSIVE. An un-clonable card designed for the guest, demonstrating the hotel's high standard of quality and security.
HIGHER VALUE. Memory area to support other services provided by third parties (hotel automation, credit and payment, identification, loyalty schemes,...) is available on board.
MEDIA. High quality personalization service of the reverse of the card is available (maximum of 4 colours)!! Ask CISA for the most suitable combination (colours/quantity) according to the hotel promotion!



3DES engine

Finally it is possible to intercept and to deny access to card clones (guest, staff,...) thanks to the authentication process. Secured by secret key 3DES cryptosystem.
Developed by IBM in the middle 1970's and approved by USA Federal Government. CISA 3DES engine is compliant with NIST standards (National Institute of Standards and Technologies - USA).



INTEROPERABLE

Uses smart cards provided by third parties (**MULTIAPPLICATION**) → as guest key cards. **mylock** is compatible with the most widespread operating systems (MPCOS, JAVA, WINDOWS FOR SMART CARD,...) and several smart cards are already implemented.



AUDIT TRAIL

mylock records the last 500 events, use of mechanical override included. Without batteries, too!



AUTOMATIC WAKE-UP

Easy to manage the opening and the locking of fitness center, conference rooms, business center and other common areas according to programmable timetables. No staff assistance required!

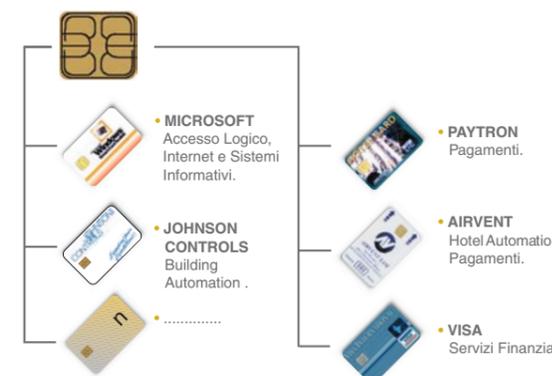


TSP MECHANICAL OVERRIDE

- Ensures prompt and non-invasive (no drilling) emergency opening.
- Patented system and Registered Key
- Higher control of manufacturing, distribution and duplication service of keys.
- Security Card: CISA authorised duplication system; a copy of the key can only be made by CISA upon submittal of the Security Card.
- 3 levels cylinder: can be automatically re-keyed 3 times by the 3 supplied keys.
- Set of 3 (1,2,3) registered pass keys, to avoid the risks related to the lower level key loss.

→ MULTIAPPLICATION

Smart cards provided by third parties, are able to support several services simultaneously and can be used as guest key cards thanks to **mylock** interoperability. Summary follows:



4 BATTERIES ONLY

Powered for more than 3 years by 4 standard batteries only!! This avoids "captive" proprietary battery packs, which are expensive and not always available and 6 batteries supplied locks.



AUTOMATIC DEADBOLT

Antipanic lock with deadbolt that is automatically thrown when door is closed for added security (on request).



Audit trail +

Thanks to the management of the automatic deadbolt mortice lock (5A200.##.#.## LG series), Audit Trail + records **both the entrance and the exit!** It is finally possible to trace **who** (which card) **left** the room and **when** for improved monitoring of staff and guests (on request)

Encoding system



3DES engine

Finally it is possible to intercept and deny the login to operator card clones, thanks to the authentication process. Guaranteed by secret key 3DES cryptosystem (see **mylock**).



AUTONOMOUS NETWORK

Multi-check-in stations facility without any dedicated PC. Cards can be simultaneously issued both by **my/mymobile** and PMS even if this is not active. The system architecture, based on a shared database, allows it to manage up to 200 devices in network: **my**, **mymobile** and on line access control units in mixed configuration.



AUTONOMOUS, USER FRIENDLY AND ... VIRUS FREE!

my and **mymobile** are autonomous, no PC required therefore virus free. The system allows check-in operations even when interfaced to the PMS and this is not active.



PMS INTERFACE

Easily interfaceable to the most common PMS without requiring extra devices or dedicated PC. It is possible to operate simultaneously both from the PMS and from the encoding system! When connected, **my** and **mymobile** become unique smart readers/writers with built in display.



FEWER ELEMENTS, LESS WIRING, EASY TO INSTALL ... COST EFFECTIVE

Equipped with built in smart card reader and designed to avoid bulky communication units, external smart or magnetic card reader/writers, cables, dedicated software. Small and compact it can be easily placed on the reception desk.



EASIER TO INTERFACE

A dynamic link library and a development kit are available for **my** and **mymobile** system integration or interface into Windows environment (DLL 9800).



FAST CHECK-IN

User interface specially designed for receptionists. Allowing the issue of guest cards in a few seconds even when not interfaced to the PMS.



CUSTOMIZED STAFF CARDS

Each staff card can be customized to its unique working area and timetable.



For hotel up to 300 rooms or perimeter accesses properties. *



The unique cost effective solution for those who want the benefits of the most advanced, and by now, essential features.



DUAL FUNCTION

mymobile is the portable unit able to carry out two tasks:

- card issuing and management, both stand-alone and network configuration available;
- lock interrogation and programming.



USER FRIENDLY

Easy to manage and identify (audit trail) each card by name, thanks to the user interface based on mobile telephone standard (alphanumeric keypad,...).



DUAL POWER SUPPLY

In addition to the mains power supply **mymobile** is supplied with batteries which guarantee its functioning even in case of power failure.



SMART REPORTING

Software to make search, printing and backup of the main files within a Windows environment (on request).



For hotel up to 2,400 rooms or perimeter accesses properties. **



The encoding system achieves the highest performances when combined with **mymobile**.



my + mymobile = SUPERIOR FUNCTIONS

my combined with **mymobile** gives 2 (minimum) check-in stations for card issuing and management, in addition to the portable unit functions (lock interrogation and programming).



NON STOP CHECK-IN

Fault tolerant configuration (server and mirror) available for the maximum reliability and resilience of check-in operations.



HIGHER PERFORMANCES

For example: up to 2,400 access points, 12,000 login and events audit trail, 700 operators, 14,000 valid cards audit trail in memory!



BUILT IN PRINTER INTERFACE

my permits files to be printed, thanks to a built in parallel port.

* Special configuration for up to 400 access points is available on request.

** Configurations for hotels over 2,400 access points are available on request.