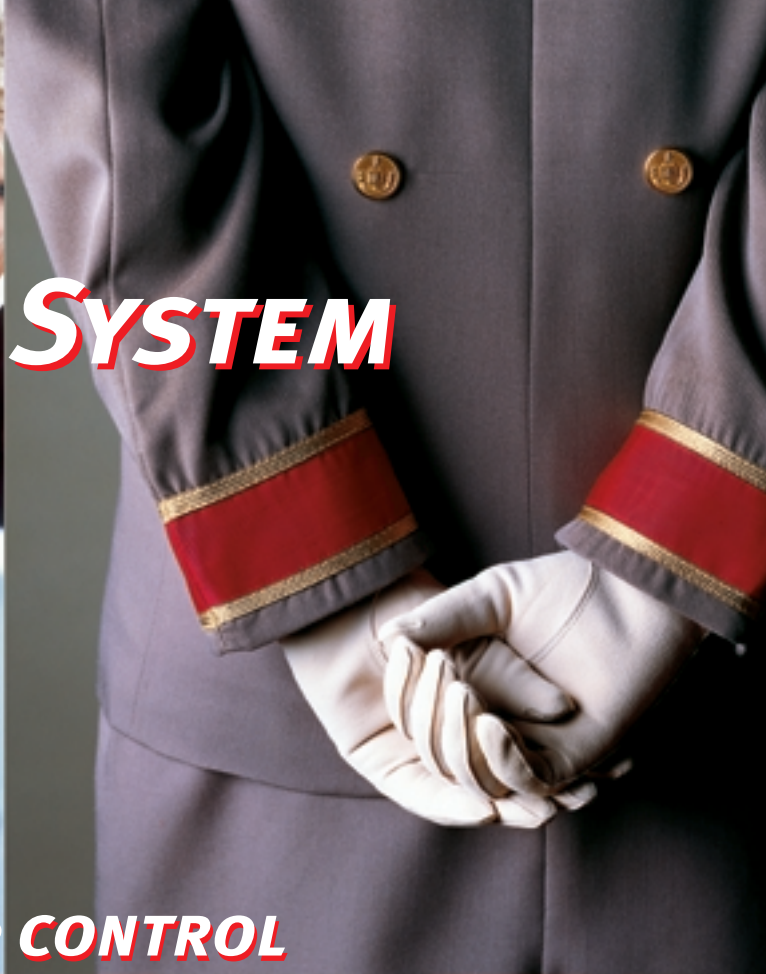




STAFF SYSTEM



UNDER CONTROL



Access management
of hotel staff



 **CISA**
security experience

STAFF SYSTEM

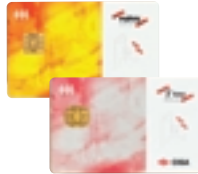
From CISA's experience in community building applications comes Staff System. A new access control solution specifically for the access management of hotel staff. It can manage at any level (from House-keepers to office workers) and access points (from guestrooms to offices).

Staff System, together with the smart card **X-Key**, is the most suitable solution available for hotels requiring separate access management for guests and staff.

Staff System can be installed in those hotels where CISA **my** and **mymobile** systems with **mykey** smart card have already been (or will be) chosen.

Staff System allows the concurrent use of specific smart cards for specific targets:

- mykey for the guest



- X-key for the staff



Why choose X-key

- **X-Key** is the unclonable card secured by secret key 3DES cryptosystem on board. Staff System denies access to unauthorized cards, reducing fraud.
- **X-key** records the last 150 user events.
- **X-key** has a free memory area available to support other services provided by third parties. (hotel automation, time and attendance, logical access to IT centre, etc).



ONE VALIDATION, MANY BENEFITS

- **Remote reprogramming**

The access plan of every member of the staff (access areas and timetables, as set by management) **can be updated directly by the central unit** through “Smart Validators”. It is no longer necessary to waste time recollecting staff cards in order to reprogram them.

- **On-line Audit trail**

Meanwhile validation staff cards is performed, it is possible to transfer from the “Smart Validator” to the central unit the audit trail of all events recorded on X-key. In this way all the staff can be practically monitored **in real time**, according to predefined time shifts set by hotel management. **Without hard wiring all the locks.**



Event date	Event time	Operation	Result
08/10/03	11.20	Guest card	Successful
08/10/03	11.18	User 1 card	Card expired
08/10/03	11.18	Guest card	Successful
06/10/03	17.46	Staff 4 card	Successful
06/10/03	17.46	Staff 4 card	Successful
06/10/03	17.46	User 1 card	Wrong zone
10/09/03	17.45	Guest card	Successful
10/09/03	08.50	Staff 4 card	Successful
10/09/03	08.49	Staff 4 card	Successful
10/09/03	08.49	Staff 4 card	Successful
10/09/03	08.49	Staff 4 card	Successful
10/09/03	08.49	Staff 4 card	Successful
10/09/03	08.48	Staff 4 card	Successful



- **Dual function**

The “Smart Validator” carries out two tasks: **Validation** and **Access Control**.


It is a wall-mounted smart card reader, managed through the control unit that is able to drive electronic opening devices (motors, electric locks, electronic door activators etc). Designed to manage perimeter and common access points: main entrance, car park, gates, guest or staff entrances, staff rooms, etc.

- **Customised staff access control**

Staff System allows **maximum flexibility** in managing the access to staff-only areas. If **my** and **mymobile** systems manage mainly guests and room staff using a zone access plan, **Staff System** also lets the management customise the accesses points according to a **point-to-point access plan (flexible key plan)**.

As a consequence each staff card can be configured to allow the access only to specified rooms, according to a flexible key plan, which can be customised for each staff user: **up to 1,000 access points (doors or common accesses) can be individually selected**.

Point to point flexible Key plan



	X	V		ADMIN	EMERG	EMPL1	EMPL2	EMPL3	FLOOR1	FLOOR2	GENMAN	ACCEPT
Utility lock	Description											
NORTH	Entrance-Main											
SOUTH	Entrance - Secondary											
L101	Floor 1 - Room 101											
L102	Floor 1 - Room 102											
L103	Floor 1 - Room 103											
T101	Office - Administration											
T102	Office - Back Office											
T103	Office - General Manager											
T104	Office - number 1											

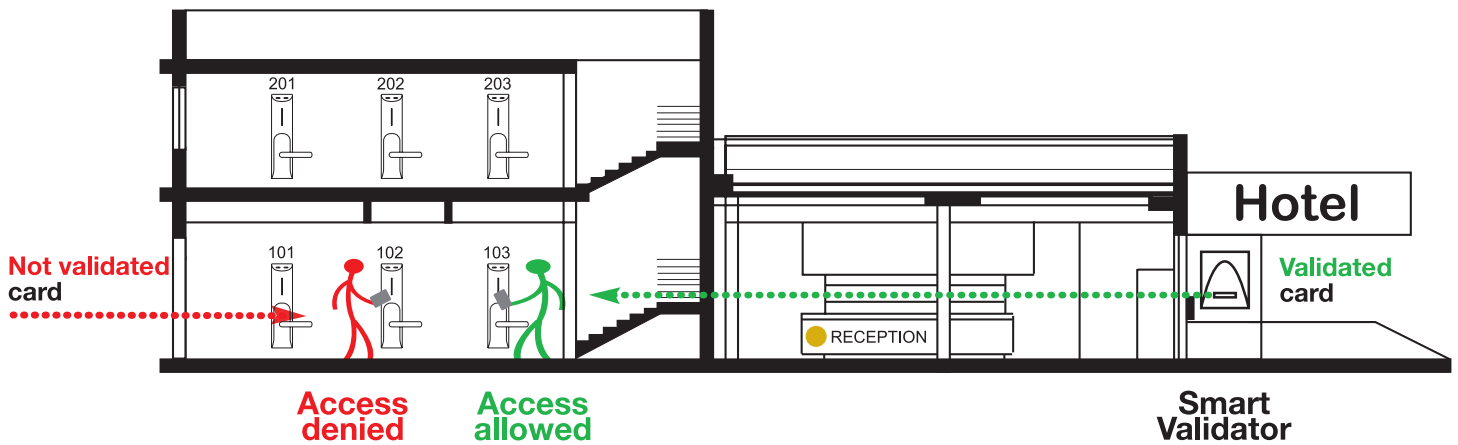
SMART SOFTWARE

- **Staff System** provides a software package, designed to make system management easier, and in particular: **flexible key plan, card programming, reading and analysis of the audit trail, printing of all system data, back-up, etc.**
- **Staff System** as **my** and **mymobile**, maintains the autonomous encoding system features. It is able to work even if PC failure occurs (for example: black out, computer virus attacks, other devices crashes etc).
- **Staff System** offers Smart Software in a single work station (PC not supplied); Windows 95/98/NT or higher required.

HIGHER CONTROL REDUCING EXPENSIVE CABLING



Just a few online validation points, “Smart Validators”, located in strategic areas (staff entrance, car park etc.), to manage all the staff, **avoiding expensive totally hard wired system.**



Smart Validator: for staff validation

Smart Validators are reading/writing access control units wired to the central unit (**my** or **my mobile**). Access rights of active cards has to be validated to enter the locks, according to a temporal frequency established by management. This simple validation procedure allows management to deny access throughout the hotel locks to staff cards out of access rights (lost, stolen, invalidated cards, etc.) directly from the central unit **without going to each lock!**

CISA is proud to cooperate with:

Airvent, Da Sistemi/Paytron, Fujitsu, Gemplus,
GLT, Ingersoll-Rand, Keycorp, Microdevice,
Microsoft, Philips, Sytech, Telstra, Visa, Johnson Controls.

