

Creativity at its best.

Access management with or without wires or even with mechanical locks.

The idea is compelling: central management of access rights for all doors in a building, regardless of what technology is used for securing the various doors. Some doors are wired. Not all doors can be wired. For some doors, companies will obviously continue to rely on mechanical solutions. But it is important that access authorization for these doors, too, is managed as part of one all-encompassing system.

Though it sounded a very obvious idea, there was previously nothing on the market to meet this demand. It is like a puzzle. Kaba's developers have now put the missing piece of the puzzle in place. It is now possible to handle access rights for mechanical keys and locks as part of a single management system.

Demands on access control systems are steadily increasing, such as the organization of personnel traffic, management of various security areas and recording of events in real time. Further, different areas of a company require different levels of security. Individual access rights and a high security level are not conflicting interests.

In the business world, online access systems have become standard by now. Online systems are still the measure of all things when it comes to heavily used entrances and external security in 24-hour operations. For areas which require detailed monitoring and analysis at all times — for example, the main entrance and doors to elevators and different floors — an online system offers top-level convenience and security.

First, online and stand-alone systems are cleverly combined.

CardLink™ represents a new chapter in the history of access control, opening up undreamed-of possibilities. This

innovative concept combines electronic stand-alone locks with online systems — without the need for wiring. It enables central configuration and long-term consistent operation of online and standalone components.

For internal door locks, CardLink™ individual authorization is stored on a badge and is read and verified at the access point. Access authorizations are written to the employee badges by means of an online reader. Doors are equipped with mechatronic (digital) cylinders or fittings. The cylinder or fitting checks whether the card is valid and, if authorized, releases the door. The validation mechanism not only immediately blocks any lost or unauthorized media in the online system, but also in the standalone components. Validation ensures that authorizations are only valid for a limited period. Thus, Kaba exos CardLink™ combines the online access control system and non-wired mechatronic components.

All components — both online readers and CardLink™ standalone components — are configured and managed in the Kaba exos 9300 system. Irrespective of the type of access points, everyday tasks like creating a new employee, modifying an access authorization, dealing with forgotten or lost badges, issuing visitor passes etc. are easily accomplished in a single process. Thanks to the modern CardLink update mechanism, employees receive modified access rights quickly and easily on an online reader and transfer these to the CardLink standalone components on their personal identification media. You can also use the same media for other applications, such as time registration, biometrics, canteen payment etc. You save the costs of wiring and additional infrastructure and achieve maximum flexibility.

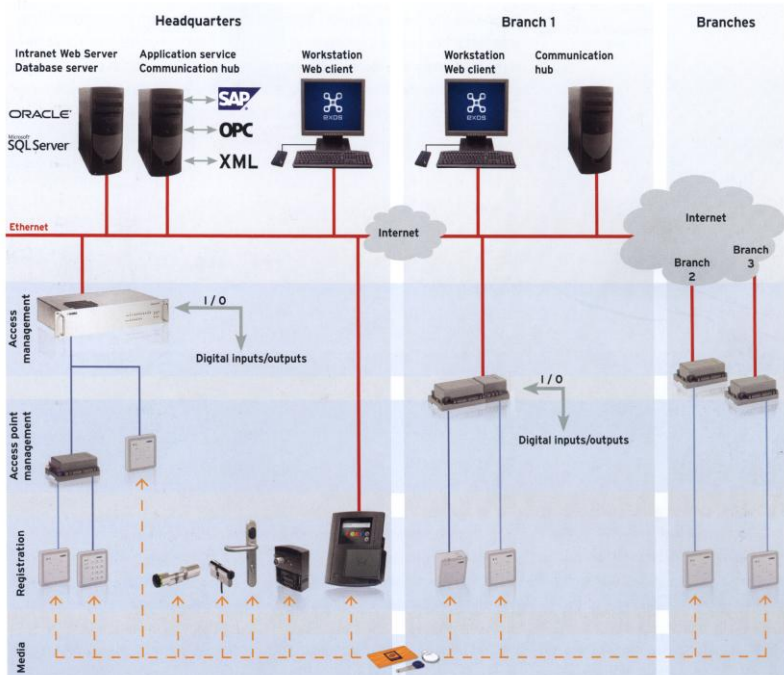
Companies do not want the expense of across-the-board installation. This is where CardLink™ comes in as a creative solution.



Next, mechanical keys and cylinders are included ...

Most companies organize their access control using an online access management system. With this, the relevant personnel have a constant overview of who has gained access where and when with their badge. However, until now, mechanical keys and cylinders had to be handled separately. Obvious questions often had no conclusive answer: what keys does Mr. Ram actually have and where does he have access to? Did Mrs. Sam hand in all her keys as well as her badge when she left?

After CardLink™ made it possible to provide centralized management of wired (online) and unwired (stand-alone) doors with digital locking components, mechanical keys and lock cylinders have been included in Kaba exos access management. This means that isolated solutions are avoided and security gaps are closed. Thus, if required, the system will produce a printed receipt when a key is handed out. And an automatic reminder can be issued for timely return of the key. When someone leaves the company or has to be denied access for other reasons, the management system creates absolute clarity: it issues reliable notification that the relevant person must also hand in the keys they have been issued with.



Online solution

For access to areas which require an enhanced level of security – e.g. at the main entrance or at doors to elevators and floors – an online system offers convenience and security at the highest level (online = wired doors permanently connected up to the system).



Stand-alone solution

Where flexibility and selective access authorization are the main requirements, doors can be fitted with digital stand-alone components (standalone = doors not connected up to the system).



Mechanical solution

Doors with a mechanical lock cylinder remain the most inexpensive means of arranging access control.

Additionally, the depot control feature ensures secure issue and distribution of keys and other items – safely and efficiently. Thus, the security staff have a comprehensive overview at all times. It is worth your while to control access and safeguard storage, as this minimizes the risk of loss and theft considerably.

Finally, Kaba exos provides you with fully flexible and discreet control of all access aspects, which enhances your security profile. With Kaba exos you can grant individual access rights, thereby ensuring blanket organization of who can go where and when within the company. Kaba exos means minimum input for maximum access control flexibility. In addition you can decide at which times verification with a PIN code or biometry is necessary. With a proper access strategy we can effortlessly dictate where and when special access functions are activated.

Moving away from isolated solutions, towards a company-wide overall concept – truly Creativity at its best !

These systems are already a reality with functional installations at Swiss Post, BNP Paribas, Zurich Airport, Nanyang University of Singapore, University of London to quote a few.

Sauter Race Technologies Pvt Ltd

Chennai Bangalore Mumbai New Delhi Hyderabad Ahmedabad Mauritius

www.sauterrace.com info@sauterrace.com