The most reliable magnetic card system in the world

Read-out security
Each door unit maintains an internal log of who opened the door at what time. The 2300 most recent accesses are stored in the lock.

Guest access flexibility
It is possible to configure access to up to 9 guest rooms and 8 common rooms on one guest card.

Exterior door unit
The 2300 door unit for exterior use can be ordered in any color in accordance with the RAL color chart.

Upgrade savings
With a simple switch of the electronic board, it is possible to upgrade the 2300 system to match future needs and system requirements.

Locking reliability
The 2300 door unit lets staff know if the door is locked from the inside, since they will be alerted by a signal if attempting to enter.

Read-out reliability
The HCU manages a wide range of functions by transferring data to and from the door unit. These functions include lock initiation and read-outs, as well as service openings and verification of keycards.

Power reliability
Each door unit is powered by one 9 Volt alkaline battery, with a long life of 2 to 3 years. When power drops below a certain level, a battery-low alarm signal alerts the staff.

System reliability
The TimeLox 2300 system manages all locking operations on a reliable Windows®-based platform for maximum compatibility.

Access authorization control
Individual access to the 2300 system and the specific operations allowed can be adjusted in accordance with each operator’s level of authority.

Encoding reliability
A highly visible display on the keycard encoder indicates guest room number during the encoding process.

Staff card efficiency
Each staff card can be programmed to provide access to any individual range of rooms during specific hours.

Installation savings
Installation of the 2300 door unit is accomplished in only a short time, since no extra cut-outs in the door or door frame are required.

Maintenance savings
The 2300 door unit only contains a few parts, with a solid, reliable construction that requires minimal maintenance.

Staff card flexibility
Each staff card can be programmed to provide access to any individual range of rooms during specific hours.
The Timelox ONE CARD SOLUTION
With this unique system, a single keycard can provide guests with convenient access to several designated areas in addition to the assigned guest room, such as conference rooms, fitness centres, garages and elevators.

With most PMS & POS systems, the guest can also use the keycard for payment of various services throughout the property. The TimeLox 2300 System can encode the POS data on a separate track of the magnetic stripe. This information is then transferred to and managed by the POS system directly.

Security for the guest
By using Timelox door units in all hotel areas, the property can offer the guest a higher level of security. One important function is to stop the uncontrolled circulation of guest keycards. In the 2300 System, no keycard can be out of the system’s control, since only the latest valid guest card can have access.

The user-friendly 2300 software
The 2300 software uses an industry standard Windows® interface, to create a clear overall picture for the operator. A user-friendly navigation window presents all the functions the operator may need to open and utilize quickly. Each window can be customized for each system operator, as well as the authorization profiles for access to each window. For instance, the front desk does not need access to the staff card window.

The 2300 software utilizes global Windows standards and LAN networking.

PMS & POS integration with the 2300 system
All major Property Management Systems (PMS) can be interfaced with the TimeLox 2300 locking system. This provides a convenient and efficient way of managing daily front desk routines within a single system. When issuing a guest card, the Timelox system uses existing data from the booking system - such as room number - number of cards and checkout time, and directs it to the appropriate keycard encoder. This is particularly useful for hotels with multiple check-in stations.
The 2300 door unit
The benefits of the Timelox 2300 door unit are several

Quick installation
Replacing an existing lock with a 2300 door unit takes only a few minutes. No major labour or cabling is required. Since no additional cut-outs are needed, existing doors are not damaged or altered.

Low power consumption
The 2300 door unit requires only one 9-Volt alkaline battery. Due to the low power consumption, the battery can be expected to last for 2 to 3 years. When power drops below a certain level, a battery-low alarm signal alerts the staff to replace the battery.

Options for exterior use
2300 door units also offer silicon epoxy-encased electronics, creating “rugged” boards that offer superior resistance to exterior elements. The finishes can also be delivered with a special treatment for added protection (see facing page).

Metal cap option
As an option, the 2300 door units can be equipped with a metal cap.

Superior mechanics
The mechanics are designed by using a minimal number of parts, secured by three steel screws through existing holes in the lock case.

Handles
A wide range of customized handles

- A
- R-35
- R-45
- California Cut
- New California
- R-80
- R-70
- Standard
- E
- R-55
- Corbin
- Funxion U*

The Timelox customized handles are available in a choice of standard finishes.
* Only available in Satin chrome

Finishes
A choice of six standard finishes

- Satin Brass
- Polished Brass
- Satin Chrome
- Polished Chrome
- Powder White
- Oil Rubbed Bronze

As a customization option, Timelox door units can be delivered specifically for exterior use. These units are treated in a special Polyester Powder Coating, which is UV-resistant. Any color from the RAL color chart may be specified.
Product range

2300-door unit
Stand-alone, battery powered door unit for interior use. Can be made for exterior use as an option.

Wallox
Stand-alone, battery powered wall-mounted unit. Has an electrical output, and can be connected to automatic door operators or elevator doors.

Wallox E
Wall-mounted unit for exterior doors. Externally powered and heated. It controls an electric striking plate or a motorized lock. Includes internal back-up battery in case of power failure.

ACE
The Automatic Card Encoder (ACE) performs high security encoding of magnetic cards. The display shows all sequences in the encoding process. This is ideal for situations in which a single encoder is shared between check-in terminals.

HCU
The Handheld Communication Unit (HCU) is used to: 1) Initiate data to the door units. 2) Create reports from the door units. 3) Verify cards, room number, etc. 4) Perform service opening. The HCU replaces mechanical key overrides. It functions as a complete hand-held terminal, which can display any necessary data in any location.

Optional features

Integrated surveillance camera
The Timelox Integrated Surveillance Camera uses LAN standards and is fully interfaced with the hotel locking system. From the 2300 software, the operator can hear the doorbell, see who it is and open the door. This is ideal for increasing security in remote locations such as parking garages and rear entrances.

Auto-update
With the auto-update feature, it is possible for known guests to check in over the telephone. When the guest arrives, she can use her personal magnetic card with track 2 information to encode her room number and other vital information on the card at an encoder set up for auto-update. The guest can also print out a receipt with her room number.

Curbside check-in
Curbside check-in is a quick and convenient way to save time for both your guests and staff. Guests can drive up, check in, and continue directly to their room without the need to visit the front desk. The curbside check-in unit is connected to the PMS system by radio and is capable of completing all check-in functions. This is ideal for large properties or convention centres.

Service & support
Timelox service and support do not end at installation. Our service & support channels, that cover more than 60 countries worldwide, are trained to give your organisation the best support and to fulfil your needs when they change. Timelox offers two options for service & support:

1. Full service agreement
Includes training for employees, telephone support, continuous service maintenance and always updated versions of the system’s software.

2. Customized service agreement
The degree of after sales service can here be set to suit the customer’s personal needs.
# Features/Benefits

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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</thead>
<tbody>
<tr>
<td>Tailored access for the employees</td>
<td>Each staff card can be tailored for the user - what doors at what time.</td>
</tr>
<tr>
<td>Audit trail of the latest 1000 accesses</td>
<td>The last 1000 accesses in each lock can be reported.</td>
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<tr>
<td>Easy cancellation of cards</td>
<td>The 2300 system allows individual cancellation of cards - no need to cancel whole groups of cards at one time.</td>
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<tr>
<td>Authority control per door area</td>
<td>Only authorised staff can issue guest cards.</td>
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<tr>
<td>Guest room &amp; common room flexibility</td>
<td>It is possible to configure access up to 9 guest rooms and 8 common rooms on the same guest card.</td>
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<tr>
<td>Energy saver, optional</td>
<td>When the guest places the card in the energy saver, the electric current in the room switches on. When the guest leaves the room and</td>
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<tr>
<td>Handle upwards</td>
<td>takes the card with her, the current will be switched off.</td>
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<tr>
<td>Wing codes</td>
<td>A system setup that can be useful for several properties belonging to the same hotel owner. Up to 99 wings with 1000 doors each.</td>
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<tr>
<td>Only one 9 Volt alkaline battery</td>
<td>Low power consumption requires only one standard battery.</td>
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<tr>
<td>Long life battery operation</td>
<td>Battery exchange is only needed every second/third year.</td>
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<tr>
<td>Few parts in lock design</td>
<td>The unique mechanism of the 2300 door unit, explains Timelox's outstanding door unit quality and reliability in the mechanics.</td>
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<tr>
<td>Easy mounting of door units</td>
<td>Replacing the old lock with a 2300 door unit takes only a few minutes. Since no extra cut-outs are needed, the doors are not damaged.</td>
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<tr>
<td>Auto-update for loyalty cards, optional</td>
<td>Regular guests can avoid check-in queues by checking in themselves at an auto-update station.</td>
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<tr>
<td>Motorized and manual encoders</td>
<td>For check-in stations used less often, Timelox offers manual encoders.</td>
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<tr>
<td>ACE encoder indicates room number</td>
<td>Yes, the encoder keeps the card and requires confirmation by user before releasing card.</td>
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<tr>
<td>ACE encoder indicates error in card encoding</td>
<td>Yes, the Timelox ACE can encode all tracks.</td>
</tr>
<tr>
<td>Local card verification</td>
<td>It is possible to check the identity of a card directly in the encoder.</td>
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<tr>
<td>Track 1-3 encoders</td>
<td>The staff can display the card data directly in the HCU, without the need to connect to a PC.</td>
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<tr>
<td>HCU</td>
<td>The HCU, Handheld Communication Unit, can operate all functions of the door unit and gives complete control of all locks in the hotel.</td>
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<tr>
<td>Fully operable HCU without PC set-up</td>
<td>The HCU replaces extra mechanical key system for emergency openings.</td>
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<tr>
<td>HCU Power opening</td>
<td>The HCU replaces extra mechanical key system for emergency openings.</td>
</tr>
<tr>
<td>HCU Power opening memory</td>
<td>Time, date and registration number will be stored in the door unit - even during power opening.</td>
</tr>
<tr>
<td>Interface to all major PMS &amp; POS systems</td>
<td>Yes.</td>
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<tr>
<td>Easy interfacing to new PMS &amp; POS systems</td>
<td>Yes.</td>
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<tr>
<td>Client-server database technology</td>
<td>Yes.</td>
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<tr>
<td>LAN &amp; WAN networking</td>
<td>Yes.</td>
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<tr>
<td>The 2300 system is fully operable in Windows</td>
<td>Yes, Windows 98/Me/NT/2000/XP.</td>
</tr>
<tr>
<td>The 2300 system is upgradable to DC-One</td>
<td>Yes.</td>
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An ASSA ABLOY Group company

Timelox is a premier manufacturer of access control products for interior and exterior doors, from single electronic locks to complete systems, and offers security technology solutions designed to meet the needs of hotels, timeshares and condotels of all sizes around the world.

ASSA ABLOY

The ASSA ABLOY Group is the world’s leading manufacturer and supplier of locks and associated product, dedicated to satisfying end user needs for security, safety and convenience.