

i-LOCK - THE HOTEL LOCKING SOLUTION



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AMADEO

- SYSTEMS -

i-LOCK - COST EFFECTIVE, INTUITIVE, FLEXIBLE



i-LOCK access control solution provided by Amadeo Systems for The Mecca Clock Tower, the world's largest clock.

i-LOCK provides flexible access control solutions, designed to be easy to use, easy to install and easy to manage.

Web based technology utilising the latest operating systems, compatible with smartcards and smartphones, hardware independent for front of house and back of house requirements, a limitless choice of aesthetics. i-LOCK is the ultimate smart secure locking technology for hospitality, leisure and resort solutions.



For hotel owners and service providers, i-LOCK provides a flexible and highly cost effective solution:

- Modern technology which allows future growth or expansion
- Secure system with encrypted information
- Contactless readers reduce wear and tear and are resistant to misuse
- Compatible with smartphones and smartcards
- Hardware independent, giving countless design options
- Multiple lockcase options to suit all areas



The flexibility of the i-LOCK allows it to be used to upgrade doors fitted with old magstripe locks. A retrofit and upgrade kit is available so you only need to replace the front escutcheon or trim plate; the existing inside trim and lockcase can remain.

Multiple hardware options and finishes are available to suit the widest possible range of styles.



i-LOCK - MOBILE MASTERKEY



i-LOCK incorporates the latest technology designed to improve the guest experience and convenience.

Advances in battery and wireless technology have revolutionised access control solutions. As a result, i-LOCK is a viable alternative to mechanically locked doors or traditional hardwired access control systems. This gives the hotel operator greater levels of control and the opportunity to provide additional services for guests such as virtual keys and loyalty schemes.



At its most powerful level, i-LOCK is available with NFC compatibility, allowing the hotel operator to use mobile devices for the purpose of communicating with each lock for programming and auditing. With the i-LOCK mobile MasterKey APP, guests can receive a 'Virtual Key' on their SmartPhone, allowing them access to their room when it's convenient to them. Guests are able to avoid having to wait at reception to sign in or pick up their key - they can access parking facilities as soon as they arrive at the hotel.



i-LOCK Elite is a visually simple hardware solution which uses an electronic lock. The minimal circular reader is available in a range of finishes and is visually compatible with a wide selection of lever handle designs to suit any application from a modern boutique hotel through to a renaissance palace.

All i-LOCK hardware options are available with mobile MasterKey capabilities for maximum flexibility.

i-LOCK - CONTROL AT YOUR FINGERTIPS



Whatever type of system you require, whether offline or online, i-LOCK's web based software is simple and intuitive to set up and use and is available for all the latest operating systems. The software can be used on a PC, tablet or smartphone depending on what suits you best.

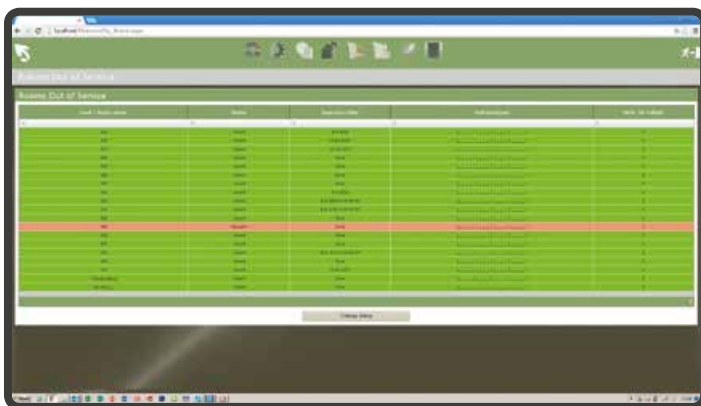
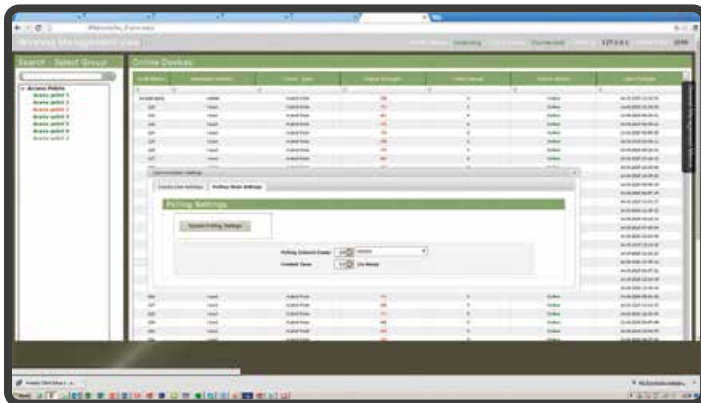
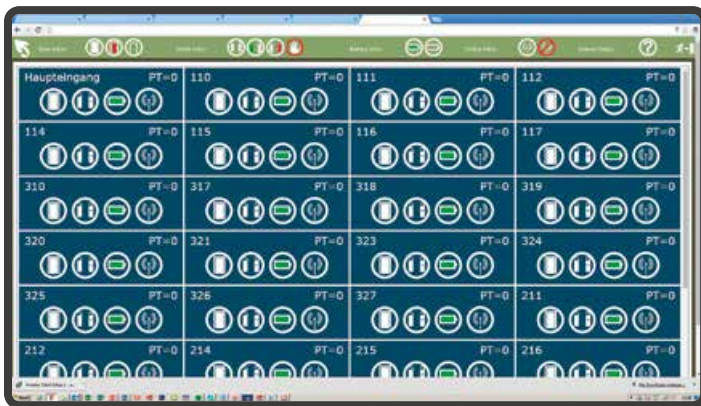
The software can accept additional inputs for CCTV, energy saving and other third party features such as lifts and automatic door controls.





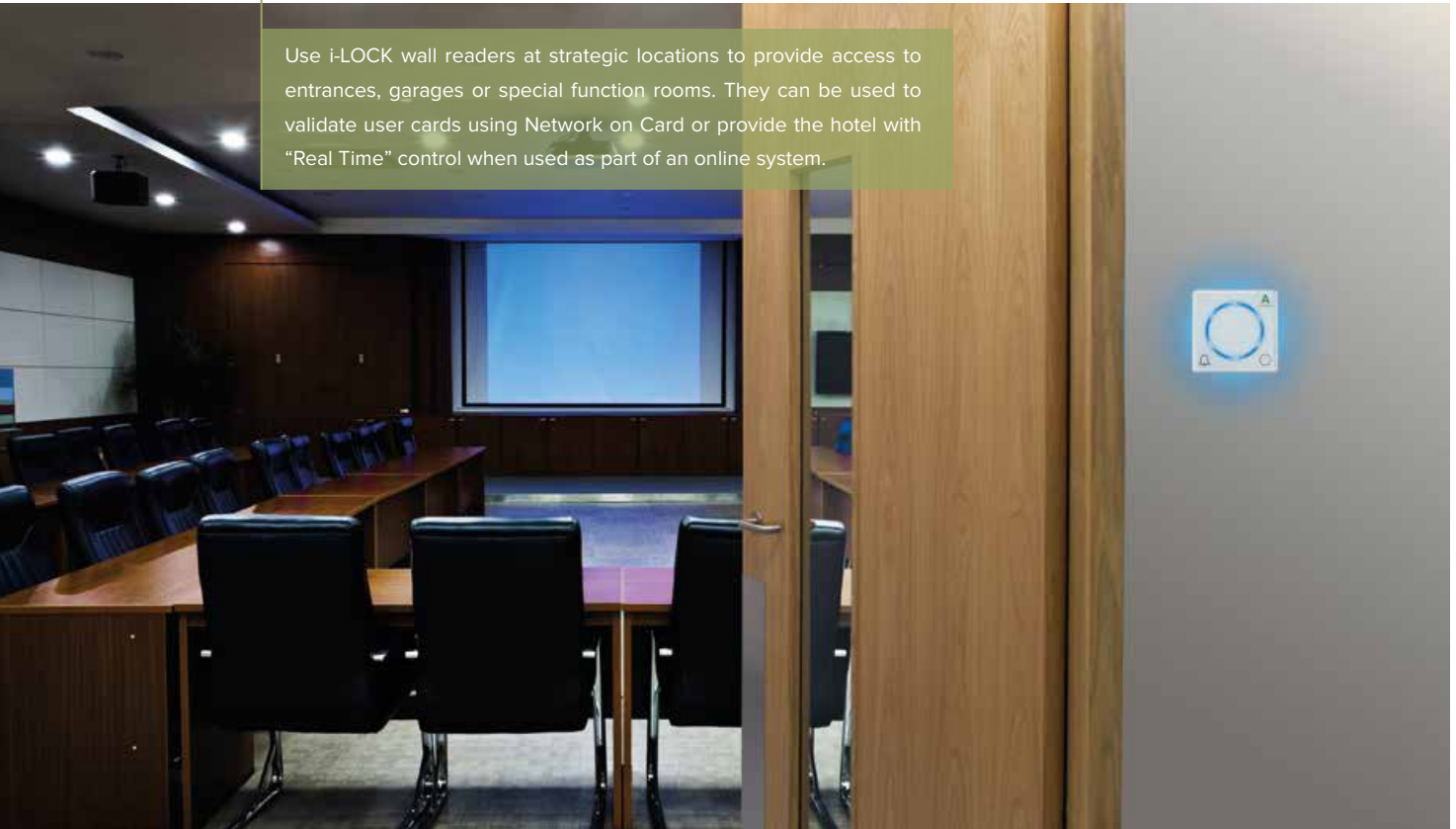
A series of easy to follow drop down menus allows the administrator to:

- Set up individual door locks
- Create/manage Mifare and Mobile Keys for guests
- Create/manage Mifare and Mobile Keys for your staff
- Monitor activity - access information about door status virtually in real time
- Programme remote functions including remote opening and remote closing of doors
- Messaging - the system will send you an email if batteries are low, locks are offline etc.
- Optional cloud hosting



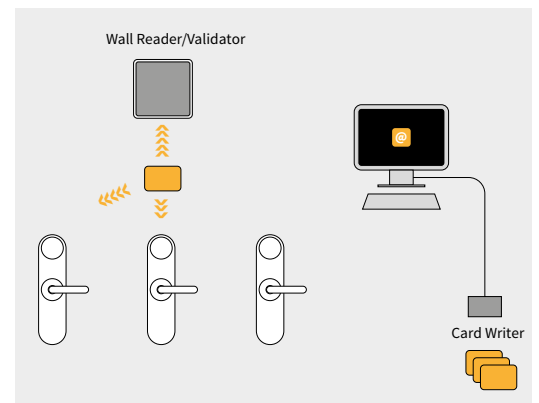
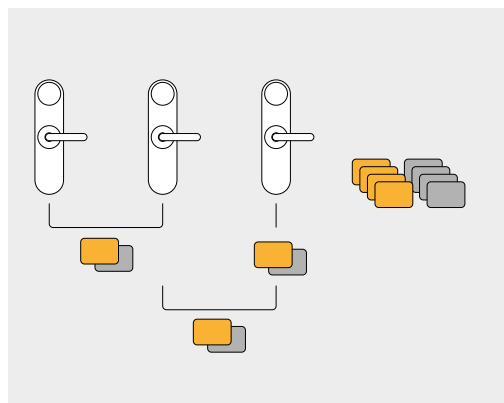
i-LOCK - SYSTEM OPTIONS

Use i-LOCK wall readers at strategic locations to provide access to entrances, garages or special function rooms. They can be used to validate user cards using Network on Card or provide the hotel with "Real Time" control when used as part of an online system.



System	Shadow Card	Network on Card
Main Features	<p>Introductory level product solution for small hotels and guest houses that do not need to run the expense of software</p> <p>Each lock is totally standalone - Quick and easy to install</p> <p>Locks are programmed at the door</p> <p>Lost or stolen cards are voided at each lock</p> <p>RFID cards used as keys</p> <p>Easy upgrade path for existing hardware doors</p> <p>Compatible with wall readers to give control of third party electronic locking</p>	<p>Multi-door applications requiring system administration by software - typical hotel solution</p> <p>Web Based Software – multiple levels</p> <p>PMS compatible</p> <p>Integration of Energy Control Systems, Lockers & Elevators</p> <p>Information is communicated around the system via user cards.</p> <p>Combine wall readers to control third party locking, automatic doors etc.</p>
Typical Applications	<p>Small hotels or health spas with a limited number of rooms</p>	<p>Hotels, spas and resorts</p> <p>Sports clubs & gyms</p> <p>Student or other accommodation facilities</p>

Schematic



i-LOCK ST48

i-LOCK ST48 Elite



Within each system there is a wide selection of hardware options available, including:

- Multiple lever handle designs
- Radiused or square ended plates
- Internal trim with “Do Not Disturb” and “Make up Room” functions/indicators
- Suitable for a wide range of lock types, centres and backsets
- With or without cylinder override function
- Flush mounted ST48 Elite version with rose mountings
- Optional finishes

i-LOCK ST48 XS

Wireless Online

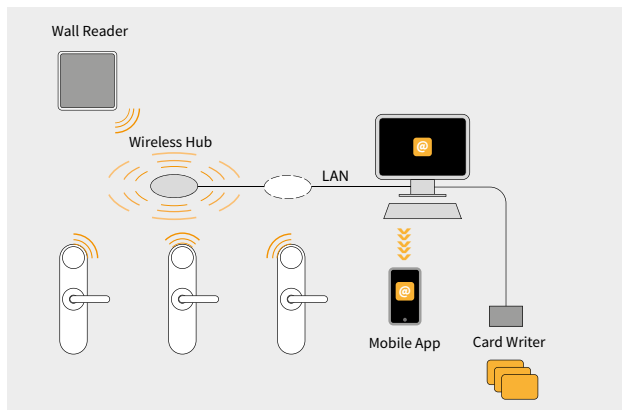
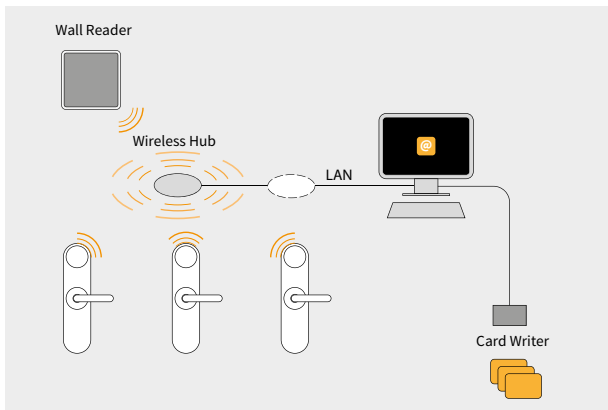
Similar system to Network on Card but with REAL TIME communication to bedroom doors to send and receive information - Reception, housekeeping, maintenance etc.
 Web Based Software - multiple levels
 PMS compatible
 Integration of Energy Control Systems, Lockers & Elevators
 Information communicated in real time to i-Locks and wall readers via LAN Wireless Access Points (POE)
 Combine wall readers to control third party locking, automatic doors etc.

Hotels, spas and resorts
 Sports clubs & gyms
 Student or other accommodation facilities

Mobile MasterKey

As for Wireless Online but with the added ability to utilise smartphones or smartwatches - a significant benefit to guests and the hotel including:
 - no need for guests to visit reception to collect keys
 - option to include loyalty schemes
 - avoid the on-going cost of guest cards and replacements
 - hotel has a means of contact with guests

Hotels, spas and resorts
 Sports clubs & gyms
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i-LOCK - PRODUCT PORTFOLIO

Reception



Hotel Software

- Available for PC, tablet or mobile
- Web-based technology
- User friendly windows
- Interface to standard hotel management software
- Time zones, mastercards and users
- Variety of card privileges
- Suite and subsuite configurations



Hand-Held

- Mobile data transfer unit
- Initialise and programme i-LOCKS
- Encode key cards
- Transmit data from locks to software and vice versa
- Stand alone application to manage a system without PC software
- Emergency opening



Card encoder/writer

- For encoding and reading user ID cards
- USB connection to PC software
- Easy to operate contactless encoding
- Network encoder
- NFC compatible
- Space saving, compact design

Guest rooms



i-LOCK door locks

- Electronic locking trim suitable for use on standard mortice locks
- Wide range of trim sizes and finishes
- Suitable for a wide range of lever styles and can be used with existing lever furniture
- Battery operated (3 years battery life)
- Internal units with DND and MUR functions
- Versions available with wireless communications and NFC compatibility

i-LOCK Elite

- Electronic reader for use with dedicated electronic mortice lock
- Lock cases for DIN/EUR/ÖNORM
- Low profile design is inconspicuous and visually compatible with a wide range of lever styles
- Suitable for use on fire doors

Other door types

- i-LOCK options are available for alternative types of door construction including glass doors and narrow stile metal doors.
- Drop latch locks in DIN format
 - Lock centres of 72mm and 92mm
 - For single or double leaf doors
 - For backsets of 35, 40, 45 and 55mm
 - Versions to comply with EN 179 for emergency exit applications
 - Locker locks

Entrance & beyond



Wall readers

Use wall readers as part of an offline or online system at strategic locations such as entrances, garage parking, lifts, event rooms etc.

- Contactless readers
- Wireless connectivity
- Backlit, providing high visibility in dark areas
- Weatherproof suitable for external use
- Reading range 2-3 cm
- Available in black or white



Wireless access point

Use wireless access point as part of an online system to communicate between individual i-LOCK units or wall readers

- Reading range in any direction 15-20 meters
- Power over Ethernet (POE) requires only a LAN connection and no separate power supply



Door Manager

- Door manager for On/Offline applications
- In DIN rail housing
- 4 potential free relay outputs:
 - 2 x 10A/250V, 2 x 2A/12V
- 4 potential free Inputs
- A-BUS on board,
- Administrates 1 wall reader
- Optional: 32 relays

Guest



Identification credentials

A large selection of RFID carriers based on the 13.56MHz technology (cards, key chains, bands and tokens etc.)

- Customizable
- Inexpensive guest cards
- Unlimited reusability
- ISO 14443 A/B, ISO 15693
- Anti Clone Technology



Amadeo Keyring APP

- For more than 10 hotels at once
- Customized APP with your logo
- Manages the MobileKeys
- ShareKey function
- SpareKey function
- One MasterKey for the guest (opens the guest room, garage, swimming pool etc)

Options



Energy Saver - intelligent switch

Energy saving system for controlling light, heating and air conditioning

- Optional presence control
- RFID Mifare reader
- Deactivated after 3 minutes
- Optional online functionality
- Battery status indicator

Amadeo Systems GmbH, an Austrian company based in Vienna, designs, manufactures and distributes electronic locking systems under the brand name **Amadeo**.

This family of products is based on over 30 years expertise and continuous innovation. We offer hotels and their guests convenience and reliable quality.



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