

# On's Hotel

OnLine Solution



# Unity

 United Technologies

Real Solutions  Reliable Support





# O<sup>n</sup>S Hotel

OnLine Solution

Onity was the first lock manufacturer to introduce an electronic locking system based on magstripe technology; in that same innovative spirit, Onity has taken a step beyond in RFID technology developing a new wireless on-line solution: the new O<sup>n</sup>S platform, combined with OWL (Onity Wireless Lock), enables to control the property's security, manage access and obtain real-time information from the locks, without walking to a single door.

Hotels no longer have to make a choice between an on-line or off-line system, the advanced O<sup>n</sup>S solution enables to combine off-line and on-line locks with wireless on-line devices, in the same installation.

By introducing O<sup>n</sup>S, Onity continues with the commitment to maintain the highest standards in quality and security, through intelligent and innovative solutions designed specifically for the hospitality market.

## Key Advantages

- Wireless on-line solution which avoids expensive wiring.
- State-of-the-art solution from the leading most trusted name in electronic locking.
- On-line and off-line elements combined in the same system.
- The information is kept in the lock, therefore it can continue operating even if the power or network connectivity are lost.
- PoE (power over Ethernet), AC (power supply) or WiFi connectivity for the WAP (Wireless Access Point).

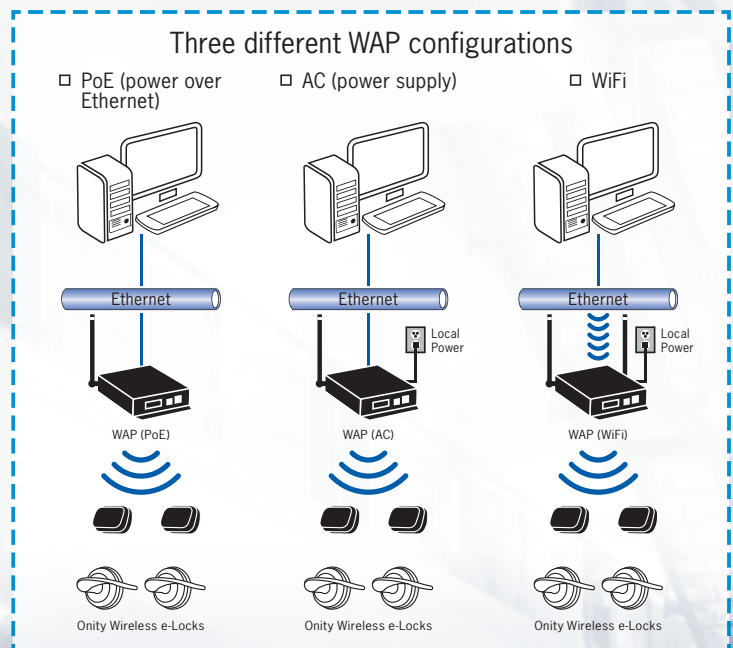


# System Overview

## Maximized security and convenient management:

O<sup>n</sup>S is a wireless on-line access control solution which reports events in real time and it offers the capability to manage locking plans, without having to wire or re-program the locks. Onity's O<sup>n</sup>S advanced system increases the security level of the hotel and it improves efficiency drastically; authorizations can be managed in real time and should the power or network connection fail, it continues to perform as the lock also holds the access information.

The O<sup>n</sup>S system has been designed with future technologies in mind to continue offering the highest performance as technologies evolve.



## System application:



### Chambermaid

She has been transferred to a different section of the hotel so that she looks after the Suite Deluxe, as she is the best cleaner. She can already access the new rooms she has been assigned, without having to go to the back-office and using the same card she was holding before. Maintenance staff do not need to walk to any locks to update them manually.



### WAP

The WAP is the communication link between the locks and the system and it enables the availability of real time access information, including the personality's arrival to his room. Each WAP can manage up to 32 locks, with a communication range of up to 90 m; the number of units per installation is unlimited.



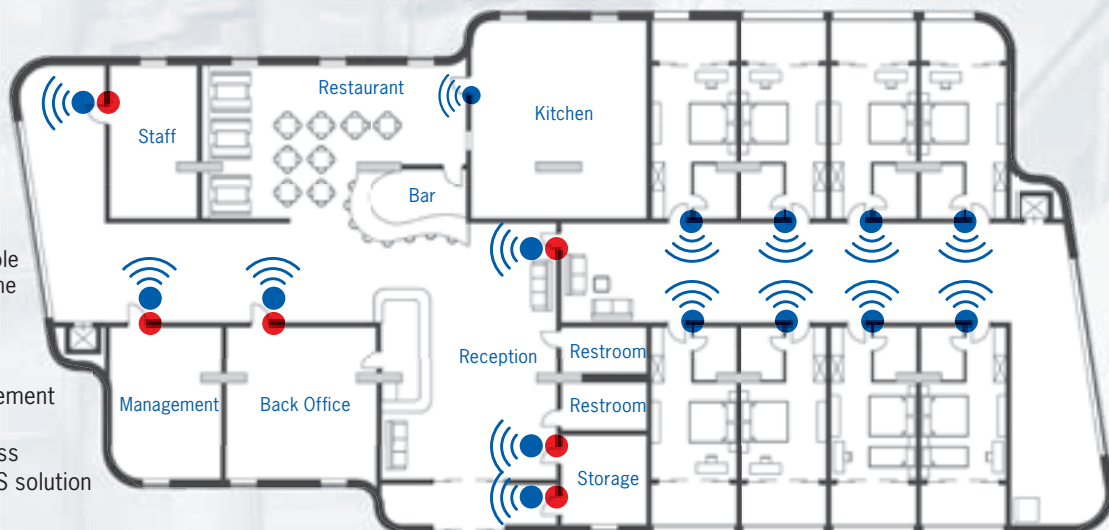
### Hotel Director

He was in a meeting and got a call from Reception informing him of the personality's arrival. He wants to greet him personally and offer a courtesy gift he keeps in his office, but he cannot get into it as he left his RFID card in his blazer, in the meeting room; after a quick phone call the security manager opens the door remotely, solving the director's problem quickly and efficiently.

O<sup>n</sup>S expands the locking system to reach additional doors that were not possible to control before, due to the high cost of wiring.

● Wired access management

⦿ Wireless on-line access management with O<sup>n</sup>S solution



#### OWL Electronic Lock

The personality will use the wireless on-line OWL lock to get into his room, operated by a variety of industry standard RFID credentials such as cards, wristbands, tokens etc. It features alternative off-line capability and a wide variety of options.

#### Contractor

Technicians were working on the hotel's Internet installation, but they had to speed up their work so that the personality could have free Wi-Fi in his room. They finished the project three days earlier than planned, and their access privileges had been configured to expire then; nevertheless they can be cancelled from the O<sup>n</sup>S system, with immediate effect as a security measure.

#### Security Manager

The special security plan defined for the duration of the personality's stay at the hotel includes additional vigilance. When he enters the Suite Deluxe, the system will inform the Security Manager through his PC, in real time, and he will then send the guards to protect the room.





## Onity Wireless Lock

- Wireless, on-line and off-line.
- Reading technology: MiFare® 13.56 MHz.
- Unlimited masterkeying potential.
- Audit trail of the last 1,000 events, including denied access.
- The lock continues to operate, grant or deny access, even when the power or network connectivity are lost.
- Freewheeling handle which avoids vandalism.
- Possibility to add a door sensor in order to manage alarms.
- Open architecture interface, it can be integrated in other software platforms.



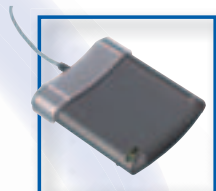
## WAP (Wireless Access Point)

- It can manage up to 32 locks and it reaches up to 90 m distance.
- LAN connection: direct, POE 802.11 (physical layer standards for WLAN).
- Lock communication: 868/900 MHz.
- Frequency agility: AES-128 bit encryption (advanced encryption standard 128 bits).
- Status information through LEDs for communications monitoring.



## RFID Encoder

- USB encoder.
- Capability to encode using MiFare® 13.56 MHz technology.



## O<sup>n</sup>S (Onity on-line) Software

- User friendly and attractive design.
- Works with Microsoft Windows® SO platforms.
- Database under SQL platform.
- Possibility to manage on-line and off-line OWL locks in the same installation.
- Easy configuration and management of alarms, including ie. low battery.
- Up to 40 authorizations and 63 time zones.
- Automatic lock mode changes through pre-defined timetables.
- Multiple USB encoders, multiple stations and multiple PMS.
- Possibility to add wired RFID wall readers within the system.



## Wall Reader

- Supports standard MiFare® 13.56 MHz technology.
- Standardized communications, Open Supervised Device Protocol (OSDP) for secure, bidirectional communication.



## PDA Kit

Manages an unlimited number of OWL locks.

- Initializes the locks.
- Powers the lock and emergency opening.
- Lock testing.



# Options for OWL Lock



A wide selection of attractive finishes and interchangeable handle styles allow hotels to seamlessly blend the locks into the overall aesthetic design of the property.

## Finishes

Complement the elegance of your OWL lock with any of these wear-resistant finishes:



Satin Brass



Antique Brass



Satin Chrome



Dark Bronze



Polished Brass



Satin Nickel



Polished Chrome

## Handles

Choose the perfect handle to reflect the design style of your property:

Wing



Toledo



Granada



## Latch Mechanisms

Onity offers a wide range of latch mechanisms to suit the needs of any property:



EURO  
with Auto Latch



DIN  
with Auto Deadbolt



ANSI  
(with optional Auto Deadbolt)

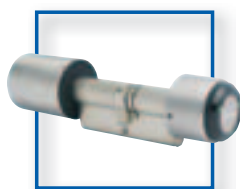
# Other Solutions for Hospitality



Onity is a leading global provider of real security solutions and reliable support to a wide variety of markets throughout the world, which include hotels, universities, military bases, government and corporate office buildings, healthcare facilities and cruise ships.

We continue our dedication worldwide by responding to the various markets' increasing demand for multiple solutions from a single source with superior service and support.

Onity offers a wide range of additional solutions with multiple application opportunities:



Electronic Cylinders



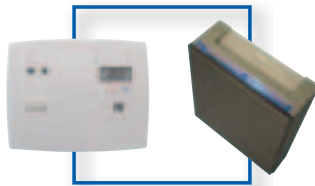
Off-line e-Locks



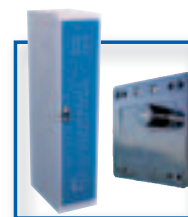
Electronic Safes



Minibars



Energy Management



Electronic Locks for Lockers



## Technological Solutions for the Hospitality Industry

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Onity, the leading global provider of electronic locking systems, offers innovative technological solutions and services for the Hospitality industry, as well as Corporate, Education, Government and Marine markets.

Onity solutions are designed to offer higher security and comfort for the user, as well as to optimise the daily management of the property. The company's ever-expanding family of technological solutions today includes electronic locks, electronic in-room safes, energy management systems and minibars.

With decades of industry experience, Onity offers guaranteed quality and service. Onity has agreements with more than 250 hotel chains around the world. Thanks to an extensive network that spans more than 115 countries, Onity locks can be found in over 5 million rooms of more than 30,000 hotels worldwide, as well as in hospitals, universities, corporate buildings etc.



e-Locks



Safes



Energy



Minibars

