Onity

Onity Product Range

Discover Security & Efficiency
in a World of Connectivity

Carrier

Company Profile

Backed by over 80 years of expertise beginning as a mechanical lock manufacturer and **5+ million locks** installed in more than **30,000 properties**, Onity is one of the world's leading providers of electronic locking systems, access control, and contactless mobile access solutions. Our portfolio of products also includes electronic in-room safes, minibars and energy management systems.

With a worldwide sales, installation, and technical support network that covers **over 125 countries**, we have become a leading provider of innovative facility technologies for the hospitality, marine, education, corporate and military segments.

Global Service Network

At Onity, we are committed to building lasting client relationships and providing the solutions they need. Recognized for offering quality products and services, Onity is proud to work with the most **prestigious hotel chains** worldwide, plus independent and boutique properties.

Headquartered in Salem, Oregon (USA), Onity has R&D and assembly operations in Spain, Mexico, China, and the U.S., as well as an extensive sales and **service network** around the globe. Whenever or wherever you need us, we are there to ensure that your systems perform beautifully.

Quality Products

With millions of systems installed worldwide, Onity is known around the globe for **reliable** products backed by superior **support**. Our products meet International standards, and are designed and built to uncompromising quality approval. From research and development to after-the-sale support, we cover all the stages to guarantee the finest quality in all our products and services.

Carrier

Onity is part of **Carrier Global Corporation**, a leading global provider of healthy, safe and sustainable building and cold chain solutions.

Carrier's Healthy Buildings Program provides an expanded suite of advanced solutions to help deliver healthier, safer, more efficient and productive indoor environments across key verticals including hospitality, marine, education, commercial offices, healthcare and retail.

Carrier

INDEX

Hospitality Solutions

Electronic Locking Systems

Onity combines innovative technology and dependable service with decades of experience to provide the most advanced electronic locking solutions in the industry today. With over 5 million doors installed worldwide, Onity locks offer the quality, features and durability you need, with the added advantage of Onity's knowledge and world-renowned reputation.

Designed for Convenience

Onity electronic locks are brilliantly designed, yet ingeniously simple to use. Created to accommodate small-to-large-sized properties, Onity locks provide hotel guests with smooth and efficient check-in, which enables your property to achieve new heights of convenience and operational efficiency.

The Basics of Electronic Locking Systems

An electronic lock grants access to authorized keycards at defined times/dates and records the opening activity. This results in reduced liability, enhanced hotel security and more efficient staff management.

Onity systems consist of:

☐ Locks

☐ Cards / opening devices (non proprietary)

☐ Encoder (keycard issuing station for the frontdesk)

☐ System software

☐ Handheld lock programmer/interrogator (for maintenance staff)

Onity locks are easy to install/replace and battery operated (no expensive wiring is required). The hotel generates its own re-usable keycards, eliminating locksmith issues; in fact, the Onity system also features automatic re-keying: new guest check-in voids the former guest keycard, which is like "having a new lock" for each new guest!

Onity masterkeying software provides management flexibility, you define **who** is authorized, **where** and **when**. Staff keycards, which are electronically identified by employee name, can be limited to specific shifts or days.

Onity electronic locking systems also enhance hotel security, if a master-keycard is lost it can be cancelled electronically through the Onity software. Moreover our technology features multiple levels of encryption to maximize security and peace of mind for both you and your guests, to ensure a sound night's sleep for all.
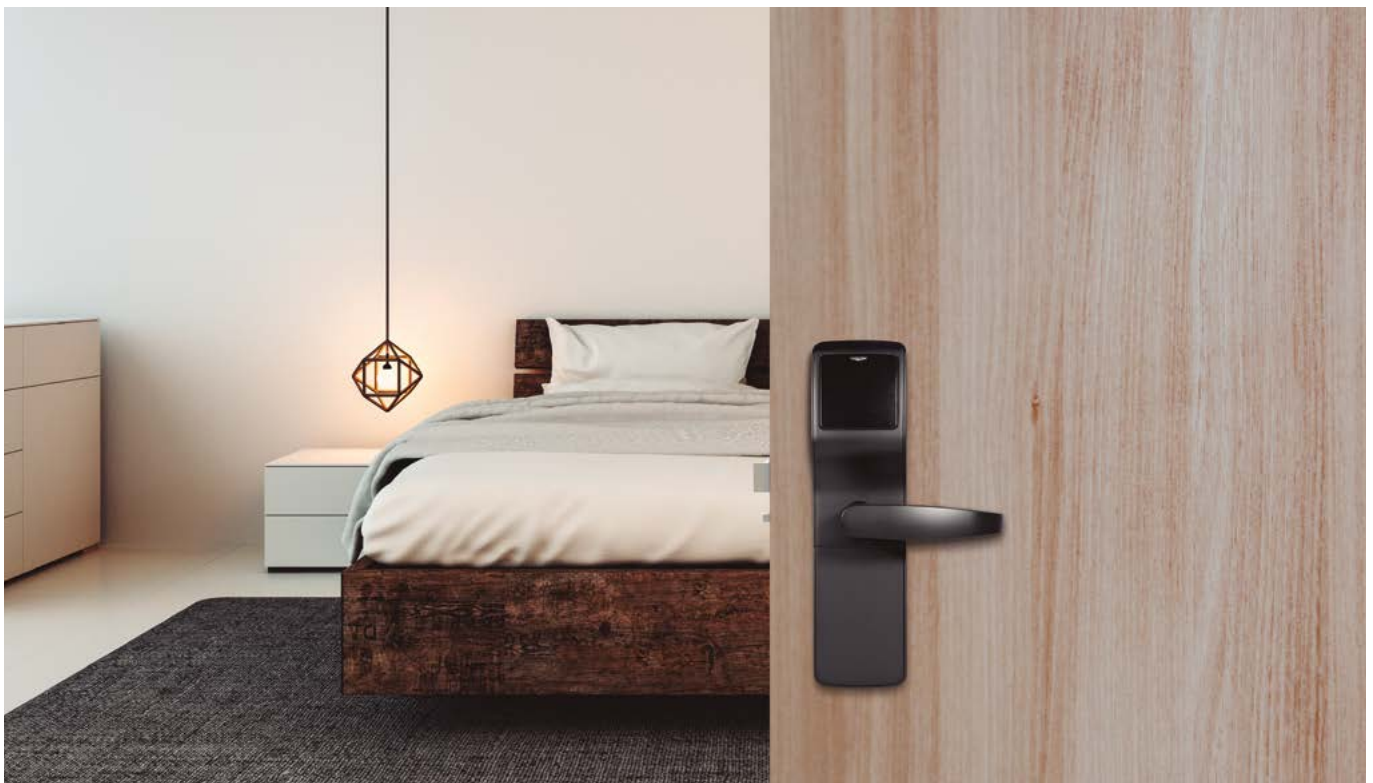
Discover the benefits for both you and your guests of choosing an Onity electronic locking solution:

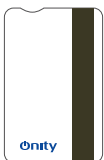## 3 Lock Design Concepts

Bluetooth®

Trillium™ series

Bluetooth®

ADVANCE Trillium™
series: modular

Bluetooth®

Serene™
series: all-in-one

2 Reader Technologies

Magstripe

☐ Performs all functions you expect from an electronic locking system
☐ Very cost efficient
☐ Onity magstripe cards feature a dent to aid blind or visually impaired people
☐ Non proprietary

Contactless RFID

☐ No need to insert the card in the lock, intuitive and user friendly
☐ High-tech touch for the property
☐ Multiple key formats: keycard, sticker, bracelet… Ideal for spas and beach resorts
☐ Non proprietary

Credentials

Choose from a variety of access credentials for locks and wall readers, including mobile keys, key fobs, wristbands, and more.

DirectKey™   Key Fob   Wristband   Magstripe Keycard   RFID Keycard

Advanced Technologies in Contactless RFID

Following market trends in technology, Onity advanced security products include the latest RFID (Radio Frequency Identification) features, with a flexible architecture that will accommodate future developments.

Onity also brings an additional RFID technology option by implementing MIFARE® Plus technology, a required feature at certain hotel chains for which increased credential security is vital.

Onity RFID locks are compatible with the following types of opening credentials, in two different operation modes:

Classic Mode
☐ MIFARE Ultralight
☐ MIFARE Classic/EV1 1K/4K

Plus Mode
☐ MIFARE Ultralight C
☐ MIFARE Plus S 2K/4K
☐ MIFARE Plus X 2K/4K

New Onity RFID locks and encoders offer the capacity to switch from MIFARE Classic to Plus mode, avoiding the investment on additional equipment, should the technology changeover be required later on

in time. In fact Trillium series locks in Classic mode and previous ones can coexist in the same installation working under one same system.

Onity innovative solutions are also compatible with NFC (Near Field Communication) and Bluetooth® technologies, enabling contactless communication based on mobile phones.
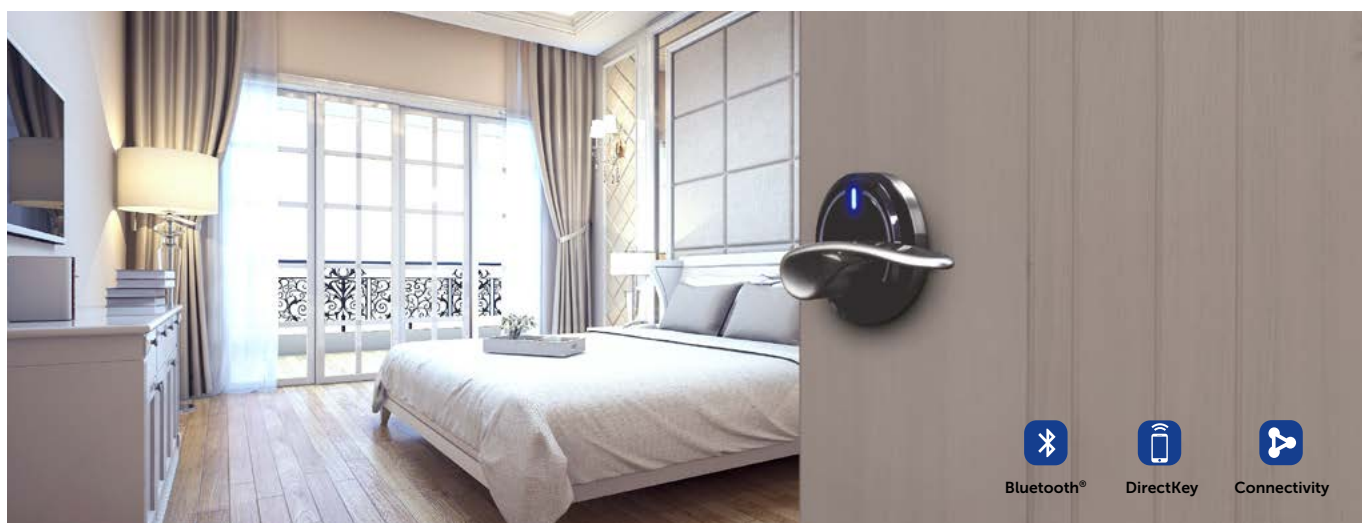
ADVANCE Trillium RFID

Electronic Locks

The demanding hospitality industry landscape is changing quickly; as a trusted leader in proven, reliable electronic locking solutions, Onity is at the forefront of the evolution in security and access control.

Research

Developed through years of careful research & development that includes detailed scientific data, as well as feedback from a broad spectrum of hoteliers, guests and design professionals, new Onity locks build upon the proven reliability and convenience of previous generation ones.

Onity already changed the hospitality security design and technology concepts with the launch of ADVANCE, a revolutionary locking solution featuring a unique two-piece modular design. Now Onity sets a new game changing milestone offering Serene™, a minimalist lock designed for aesthetically minded and connected high-end hotels.

Bluetooth®   DirectKey   Connectivity

Advanced, Reliable and Built for the Future

Today the Onity access management range is comprised by ADVANCE, Trillium™ - a stylish lock series which provides an easy upgrade path for existing Onity locks - and the latest all-in-one Serene solution.

You can choose Onity for a new project, or easily replace currently installed Onity locks with Trillium series ones for an updated look and enhanced security, using the existing footprint and door prep.

Superior Security

Onity electronic locks offer enhanced credential security as well as superior security options.

1. RFID (MIFARE® Classic/EV1) or Magstripe lock.

2. MIFARE Plus technology, which provides an enhanced security protocol for RFID locks.

3. DirectKey™ ready module, offering an additional layer of security through 128-bit AES encryption.

Locks On Quality Standards

Continuing our commitment to maintain the highest standards for quality and security, Onity locks* are compliant, among others, with CE EN14846, DIN and BHMA standards (the Builders Hardware Manufacturers Association/American National Standard Institute -ANSI- A156.25 grade 1 standard for electrified locking devices).

CE
1239
EN 14846

BHMA
CERTIFIED

DIN

* See Onity datasheets for specific lock model certifications.

Trillium RFID

Trillium Series Electronic Locks

The Trillium lock range is available with 2 reading technologies and numerous features:

- ☐ Stand-alone (no wiring required)
- ☐ Non-volatile memory records the last 500 openings including date, time and card used
- ☐ Each new guest card overrides any previous ones, preventing re-entry
- ☐ Programmable for the "office-mode" function (free passage)
- ☐ LED lights to indicate lock status, including a low battery warning without disturbing guests
- ☐ Powered by 4 standard AA batteries
- ☐ Corrosion resistant case

Bluetooth®

Trillium Mag

ADVANCE Mag

Bluetooth®

Trillium RFID

ADVANCE Trillium RFID

Magstripe Lock Reader

- ☐ Works with standard ISO/ABA magstripe cards
- ☐ Compatible with Bluetooth® technology
- ☐ Lock ensures accuracy by reading the card twice, at insertion and at removal

RFID Lock Reader

- ☐ Uses next generation proximity technology, no insertion required
- ☐ Works with MIFARE® Classic/EV1, Plus, Ultralight and Ultralight C technologies
- ☐ Compatible with Bluetooth® and NFC (Near Field Communication) technologies
- ☐ Wide range of opening devices
- ☐ Supports multi-application
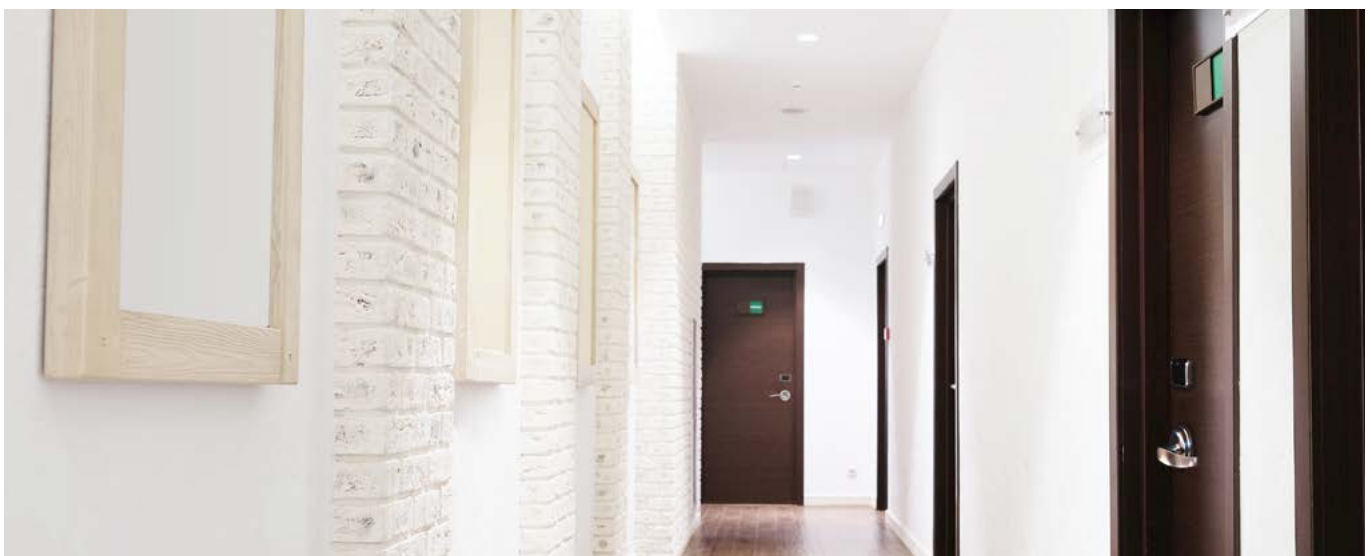
Trillium Series Electronic Locks

Lock Options

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

Finishes

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

Satin chrome*

Antique brass

Polished chrome

Satin nickel

Satin brass

Dark bronze

Polished brass

Matt black**

* Standard
** For Trillium RFID / ADVANCE Trillium RFID / Trillium Mag locks, with Wing / Granada / Jerez / Barcelona / Toledo handles and EURO / DIN / ANSI / Tubular / Panic Bar mortises.

Handles

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

Granada

Wing

Barcelona

Jerez

Toledo

Sevilla

Latches/Mortises

Options include extra-long high security deadbolt, security deadlatch, privacy and anti-panic functions:

EURO*
with auto latch

DIN
with auto deadbolt

ANSI

ANSI
with auto deadbolt

Tubular

Interconnected

Sliding

Panic bars

Compatible with Trillium Mag & Trillium RFID

Special Handles

In answer to today's increasing design conscious hotel requirements, Onity has partnered with HOPPE Group, a leading hardware producer, to offer a range of handles which combines an aesthetically pleasing look with top of the range quality and durability. They are available in stainless steel finish, with EURO mortise.

Compatibile with Serene™, Trillium Mag and Trillium RFID lock models.

Amsterdam

Bonn

Dallas

Paris

Trondheim

HOPPE®
Handle of excellence.

SecuSan

Cover Plates

Onity offers a selection of attractive cover plates that are ideal for retrofit projects.
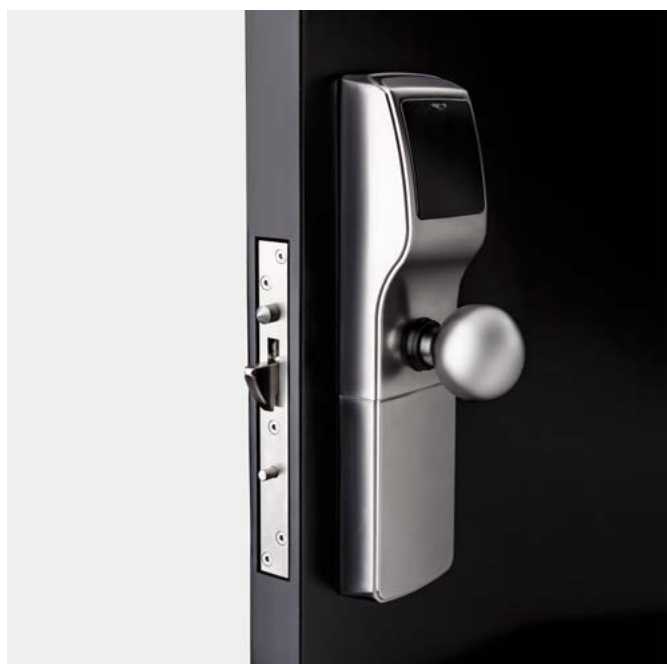
Special Locks

Outdoors Lock

Onity locks are available in a special version for outdoors, designed to withstand rough weather environments. This solution is offered for Trillium Mag and Trillium RFID locks in satin chrome and dark bronze finishes, combined with the full range of Onity handles.

Glass Door Lock

The Onity glass door solution is ideal for main entrance, office, meeting or passage doors, for virtually any type of property. It has been designed especially to fit the Onity Trillium series electronic lock range on glass doors, and it is also suitable for other types of doors with thickness under 25 mm (metallic, hard wood, lockers, etc.)

Sliding Door Lock

Onity electronic locks are suitable for installation on sliding doors, using a specially designed mortise lock. This solution is applicable to Trillium Mag and Trillium RFID series locks.

Electronic Lock with Panic Bar

Onity electronic locks can be combined with a panic bar solution at emergency exits, for higher security and control. Manufactured in high quality materials and using simple mechanisms, they guarantee efficiency and long life.

Serene™

Serene™ Electronic Lock

Beautifully designed, inside & out

Serene is a unique all-in-one minimalist lock for aesthetically minded high-end hotels. It is elegantly designed to deliver security, flexibility and guest satisfaction.

Serene is more than just a lock, it offers online network **connectivity** and a straightforward method for full smart room integration.

📱 DirectKey™ mobile access

With built-in DirectKey technology, Serene locks enable properties to easily implement a proven mobile key solution, right away or when they are ready. It is customizable and easily integrates with brand loyalty apps or Onity's DirectKey mobile app.

Features

☐ Soft **LED** light halo provides a visual indicator

☐ Ideal for **new** construction

☐ Future proof, **upgradable** lock firmware

☐ Managed by Onity's **OnPortal™** software to deliver optimal efficiency

☐ Supports RFID and **Bluetooth®** communications

☐ Detailed **audit** trail: 3000 events

☐ Ready for **integration** with third-party smart room solutions*

* Availability of connected room functionality is based on Onity lock model and project specifications. The integration partner must write to the API interface per Onity specifications. Hotels interested in a connected room solution should contact Onity and their technology partner for detailed system requirements.

Customize your look

With a design that minimizes on-the-door hardware, Serene™ locks are available with a range of handles and finishes, allowing for ultimate design flexibility and customization for each property.

Finishes

Satin chrome

Antique brass

Polished chrome

Satin nickel

Satin brass

Dark bronze

Polished brass

Black chrome

Handle styles

Standard Onity handles

Wing

Granada

Toledo

Third party handles**

Athinai

Atlanta

Capri

Houston

Los Angeles

New York

HOPPE®
Handle of excellence.

SecuSan

Latches/Mortises

EURO with auto latch

ANSI

Additional handle options

If our current line of levers isn't quite what you're looking for, Serene locks are compatible with a range of alternate handles.

Serene supports selected designer levers with 8mm square interface.

** Please check the range of finishes available for each special handle model.

Directkey™ Mobile Key Solution

DirectKey™ Mobile Key Solution

DirectKey is a cost-effective, secure and easy-to-use solution which allows guests to use their smartphone as their room key. Combining Bluetooth® and cloud technologies, DirectKey can **enhance guest experience** for hotels of any size.

Through integration with a hotel property management systems (PMS) and OnPortal, properties can implement DirectKey to enable contactless check-in and property access; this allows guests to securely download their assigned key on their phone and bypass the front desk to access their room.

DirectKey technology helps deliver superior user experience and reduce typical touch points.

Different Requirements, Different Scenarios

Onity's cloud-based secure mobile credential platform offers multiple ways to seamlessly deploy mobile access at your property, allowing to enhance your customer relationships.

- **DirectKey app*.** Onity's off-the-shelf mobile solution, ideal for independent hotels without mobile app initiatives.
- **Third party application.** Partnering with external providers to offer a customized guest experience.
- **Customer integration.** For properties with an existing loyalty app, Onity allows for seamless integration.

Advantages for the User

- Avoids waiting at front desk for check-in
- Key credentials remain on the phone during the stay
- Access from a convenient distance, no need to wake up the lock touching it with the phone
- Enhanced guest experience
- Meets guest preferences for contactless access through mobile app
- Can be used alongside physical keycards

Advantages for the Hotel

- Easily configurable access hours
- Operational efficiency
- Loyalty build-up
- On-line system capability
- Enhanced security
- Convenient upgrades, same door footprint
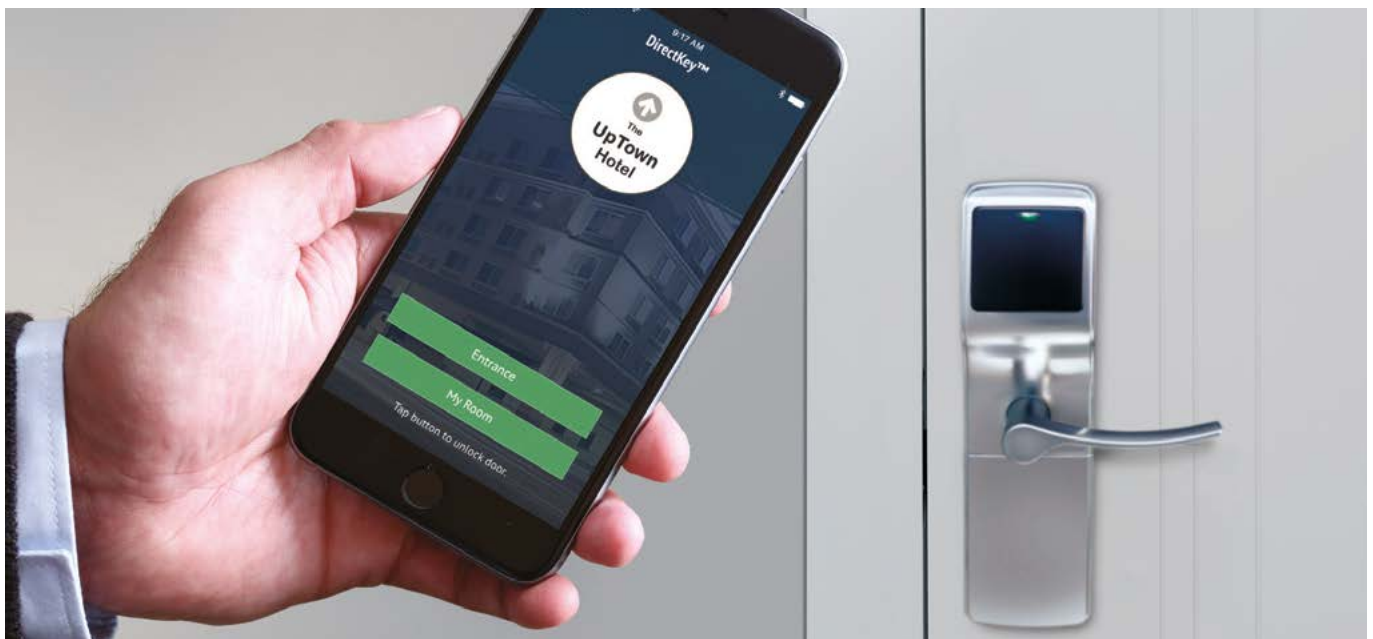
*   The DirectKey mobile app requires integration with the hotel property management system and the Onity OnPortal access management software. Implementation requirements may also include integration with a hotel loyalty or third party app.

DirectKey™ Mobile Key Solution

Touch-free
Remote unlocking

No waiting at reception
Straight to the room

Economical

Easy upgrade

Enhanced security

CONVENIENT
Opening distance

SOLUTION for
Car park & lift

Technology for Advanced Management

Onity's DirectKey mobile toolkit offers a convenient way to program and manage locks, through contactless communication between a smartphone and the locks, via Bluetooth® technology.

Keep Properties and Guests Secure

All mobile key credentials use 128-bit AES data encryption which provides an additional layer of security on top of locking system features such as user-access permissions and audit trails.

A Direct Way to Save Time and Money

Credential management through DirectKey helps reduce operational expenses. Your staff can dedicate time to guests on a personal level, while you minimize front desk time needed for traditional key cards.
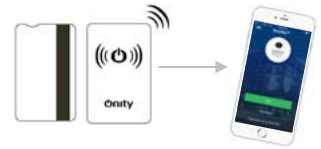
Backwards Compatible

DirectKey can easily retrofit existing Onity locks, saving deployment costs and time. Discover the full range of Onity locks and devices that are compatible with DirectKey:

Investment protection

DirectKey can improve overall ROI by reducing key card management costs while maximizing your hardware's life.

Serene

Trillium Mag

Trillium RFID

HT24

ADVANCE Trillium RFID

HT RFID

ADVANCE RFID

Wall Reader Trillium Mag

ADVANCE Mag

Wall Reader Trillium RFID

Wall Reader ADVANCE Trillium RFID

DirectKey stats

OVER 30 years	4 million	20 years	1
electronic locking systems experience	Bluetooth® locking devices deployed*	mobile key credentialing experience*	collaborative partner for moving ahead

* Bluetooth® locking devices and mobile key credentialing solution deployed with Carrier technology across multiple industries.

OnPortal™ Lock Management System

OnPortal is Onity's latest lock management software, a scalable solution with **roving check-in** option and full access management. Built on research and feedback from front-desk agents on their routines and challenges, OnPortal is designed to deliver optimal effIciency, flexibility and guest satisfaction.

Check-in Flexibility

◻ Enjoy a variety of access management options that match the way you want to run your hotel: mobile and physical key credentials, front desk and roving check-in etc.

◻ Help give your staff the technology they need to better engage your guests when they arrive, such as VIP reception areas and airport greetings.

Consistent Performance

◻ Easily set up, use and maintain your system with OnPortal's software-based functionality and upgrade existing hardware on a timeline that works for you.

◻ Get direct integration with Onity's DirectKey™ mobile access system.

Convenient Scalability

◻ Let OnPortal grow with you. It is right-sized no matter the complexity of your property, small or large.

◻ Full lock management throughout your entire property.
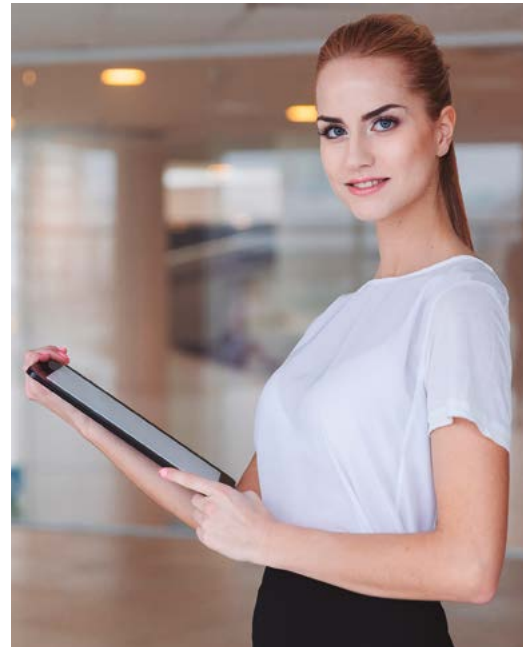
Specs to Suit You

◻ Fast check-in

◻ Easy to set up, use and maintain

◻ DirectKey™ ready for mobile access now or in the future

◻ Windows® based, use it side-by-side with your PMS system on a desktop PC or in touch-friendly mode on a tablet

◻ Multi-sector RFID encoding for better interfacing to third party systems

◻ Multi-thread property management system (PMS) interface

◻ Provides option to validate staff daily and control their access by shift and rooms, groups of rooms or floors

Space Saving Keycard Encoding

Onity offers compact encoders that work seamlessly with the OnPortal system.

OnPortal RFID Encoder

◻ Supports MIFARE® Classic/EV1, Plus and Ultralight C technologies
◻ USB port connection, no additional power supply required
◻ Writes keycards in a snap
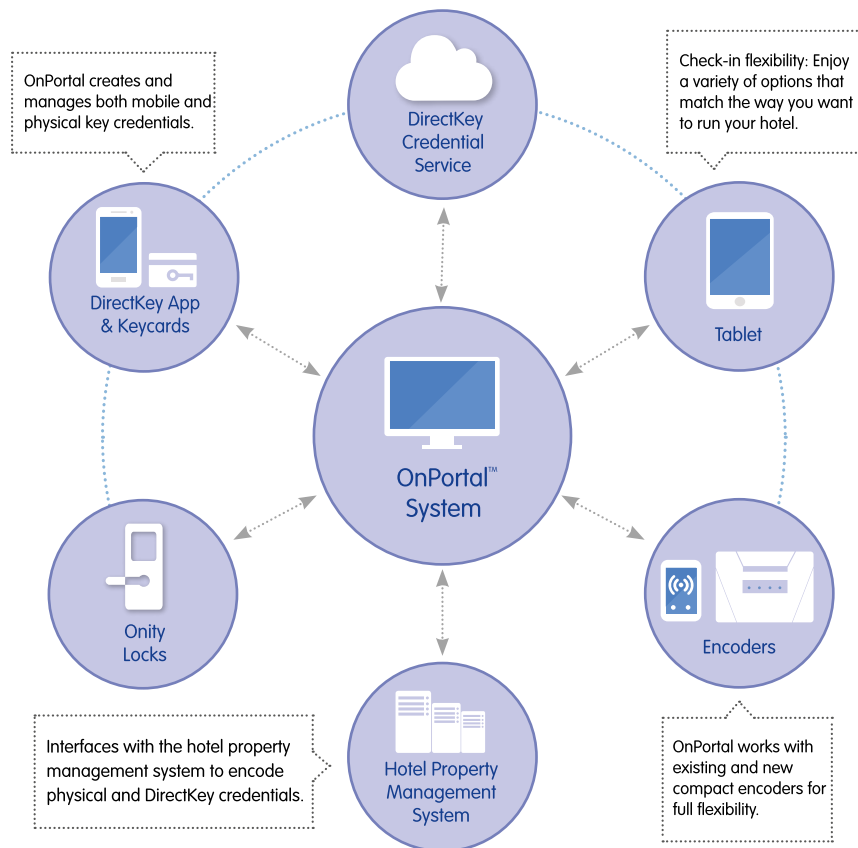◻ Dimensions: 18 x 56 x 88 mm (H x W x D)

OnPortal Motorized Encoder

◻ Reads/writes high (Hi-Co) and low (Lo-Co) coercivity magstripe cards
◻ Communication through USB interface
◻ Dimensions: 100 x 148 x 225 mm (H x W x D)

OnPortal Software Manages the Onity Locks and Access Control Devices for a Property.

OnPortal creates and manages both mobile and physical key credentials.

Check-in flexibility: Enjoy a variety of options that match the way you want to run your hotel.

DirectKey Credential Service

DirectKey App & Keycards

Tablet

OnPortal™ System

Onity Locks

Encoders

Interfaces with the hotel property management system to encode physical and DirectKey credentials.

Hotel Property Management System

OnPortal works with existing and new compact encoders for full flexibility.

Wall Readers

Bluetooth®

On-line or off-line configurations. For a wide range of applications such as:

□ Elevators
□ Parking areas
□ Electric gates
□ Swimming pools
□ Back office

Other Solutions for Hospitality Applications

Bathroom and Passage Locks

Easy to install, they are the ideal complement for Onity electronic locks, sharing the same handle models and finishes.

The bathroom lock features a convenient push-only privacy button and panic function, providing ease of use and security for the guest.

Finishes

Satin chrome

Polished chrome

Satin brass

Polished brass

Antique brass

Handles

Granada

Wing

Barcelona

Jerez

Toledo

Sevilla

Electronic Locks for Lockers

OniLocker RFID Contactless Electronic Lock

OniLocker provides high security and convenience using contactless carriers (cards, wristbands, etc.). Working with RFID MIFARE® (Classic/EV1) technology, it enables to lock/unlock lockers by approaching the carrier to the reader. An ideal solution for:

☐ Spa & Wellness centres
☐ Golf clubs
☐ Ski resorts
☐ Sports complexes

Complete system with management software and card/tag encoder (basic version also available for small installations).

Features

☐ Autonomous lock, no wiring
☐ Can be installed on wooden and metallic doors
☐ User and master card management
☐ Master cards to lock/unlock any of the lockers
☐ Compatible with Onity RFID electronic lock range and Intellity energy savers

☐ Optional InfoTerminal available which offers the user details about their opening device, through a screen. It shows the locker number assigned to the opening device approached to it, or if it is a master
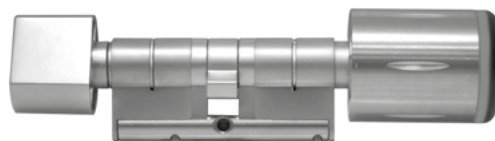
Electronic Cylinders

e-Cylinder*MAX* (IP67)

e-Cylinder Auto*MAX* (IP67)

The Onity RFID electronic cylinder is the ideal locking solution for guestroom and staff doors at small to medium size hotels. Smart but simple, it provides convenience and high security using MIFARE® technology. Its installation is extremely quick and easy for refurbishment projects, as it **only requires changing the mechanical lock** for the electronic cylinder, with no other door modifications.

Features

- User friendly
- EURO mortise profile
- Works with MIFARE® (Classic/EV1) 1K or 4K RFID cards and tags
- IP67 outdoor rating
- Half or double cylinder options
- Software based system, up to 1.500 doors and 12.000 users
- Non volatile memory records the last 1,000 events
- Capability to write events onto the card
- Special auto-programmable card based model, Auto*MAX*
- Fire rated (30/60 minutes)
- Free passage mode
- Different sizes and handles available

- Advanced encryption for high security
- Smart sleep mode for energy saving
- Acoustic low battery warning

Handles and Knobs

Hotels can obtain a comprehensive door solution from Onity, including handle and knob sets which will also match their decoration, no matter the style.

These handles feature the SecuSan® antimicrobial option, providing active protection against germs.

Amsterdam

Bonn

Dallas

Paris

Trondheim

Wall Readers

Off-line configuration.

For a wide range of applications such as:
- Elevators
- Parking areas
- Electric gates
- Swimming pools
- Back office

Electronic In-Room Safes

OS100

Digital Keypad Safe for Any Budget

Economical but functional safe making it cost effective for properties to provide this expected amenity to their guests, protecting their valuables. OS100 includes many key features such as audit trail, mechanical key override and an optional rental stick.

	SIZE (external) (mm, HxWxD)	VOLUME	WEIGHT	COLOR
LAPTOP	200 x 420 x 370	22.7 L	8.4 Kg	Black (standard) Ivory (optional)

* Depth indicates box dimensions, keypad is not included.

OS100 Top

Digital Keypad Safe for Drawer

Onity's top opening safe provides the expected functionality from a safe, integrating with the room decoration. It can be discreetly "hidden" in a drawer, desk or side table.

	SIZE (external) (mm, HxWxD)	VOLUME	WEIGHT	COLOR
LAPTOP	128 x 400 x 350	11.7 L	10 Kg	Black (standard)

OS200

Digital Keypad Safe

Fully featured electronic in-room safe, its user-friendly operation coupled with high functionality makes it ideal for any application. It includes optional power outlet and a rental module.

	SIZE (external) (mm, HxWxD)	VOLUME	WEIGHT	COLOR
MINI	250 x 350 x 250	15.3 L	10 Kg	Black (standard) Ivory (optional)
LAPTOP	200 x 420 x 370	21.4 L	12.7 Kg	
LAPTOP 17"	204 x 508 x 370	31.2 L	16.5 Kg	

* Depth indicates box dimensions, keypad is not included.

OS500

Enhanced Design Digital Keypad Safe

An ideal option for design-conscious hotels who also seek maximized security and convenience for guests and staff; fully featured, it combines the popular advantages in Onity safes with a sophisticated sleek design. Available with interior light and electronic rental mode option, OS500 series safes record the last 1000 operations.

	SIZE (external) (mm, HxWxD)	VOLUME	WEIGHT	COLOR
LAPTOP	190 x 435 x 370	32.5 L	16 Kg	Black (standard) Ivory (optional)
BUSINESS	190 x 435 x 470	37.8 L	18 Kg	

OS600

Guest Keycard Interface & Keypad Safe

This easy to operate model uses a 4-digit code in combination with the room keycard and advanced security through a "Non-resident master code" and audit trail. The OS600 safe seamlessly interfaces with any Onity magstripe locking system; it features enhanced rental mode through keycard usage, and optional PMS interface.

	SIZE (external) (mm, HxWxD)	VOLUME	WEIGHT	COLOR
MINI	204 x 424 x 220	18.1 L	12 Kg	Ivory (standard) Black (optional)
LAPTOP	204 x 424 x 370	31.1 L	15.5 Kg	
BUSINESS	204 x 424 x 460	38.6 L	17 Kg	
SUITE	570 x 424 x 390	81.5 L	30 Kg	

* Depth indicates box dimensions, card reader is not included.

OS700

Contactless RFID Card Safe

Following the latest market trends and demands, Onity OS700 hotel in-room safes feature contactless RFID technology. Operated by the room entry keycard, they are very easy to use. Combined with the proven reliability Onity solutions are known for, OS700 series safes are the ideal solution for properties looking to offer high security for their guests' belongings with great functionality.

	SIZE (external) (mm, HxWxD)	VOLUME	WEIGHT	COLOR
MINI	250 x 350 x 250	15.3 L	10 Kg	Black (standard) Ivory (optional)
LAPTOP	200 x 420 x 370	22.7 L	8.4 Kg	
LAPTOP 17"	204 x 508 x 370	31.2 L	16.5 Kg	

* Depth indicates box dimensions, reader is not included.

Minibars

solutiOn
by Onity

The Onity product range includes **solutiOn**, a series of elegant minibars designed specifically for the hospitality market.

They are available with absorption or thermoelectric technologies and their cooling system, without moving parts, enables a very silent operation especially suited to hotel environments.

Onity **solutiOn** minibars comply with high quality and environmental standards, with models that meet the latest regulations.

Adjustable door shelves

Integrated door opening holder

Reversible reinforced door hinges

Interior light

Glass door (optional)

Lock (optional)

Onity Quality and Service

Onity minibars are backed by the leading provider of solutions for the hospitality market, with products in around 5 million rooms and 30,000 hotels throughout the world. All components for Onity minibars are sourced, following the highest quality standards.

Flexibility

☐ Reversible door
☐ Sliding shelves with different possible positions depending on the model
☐ Adjustable racks for bottles and snacks

Economical

☐ Low energy consumption

Silent Running

Extremely silent operation thanks to their absorption or thermoelectric cooling system technology

Options

☐ Glass door
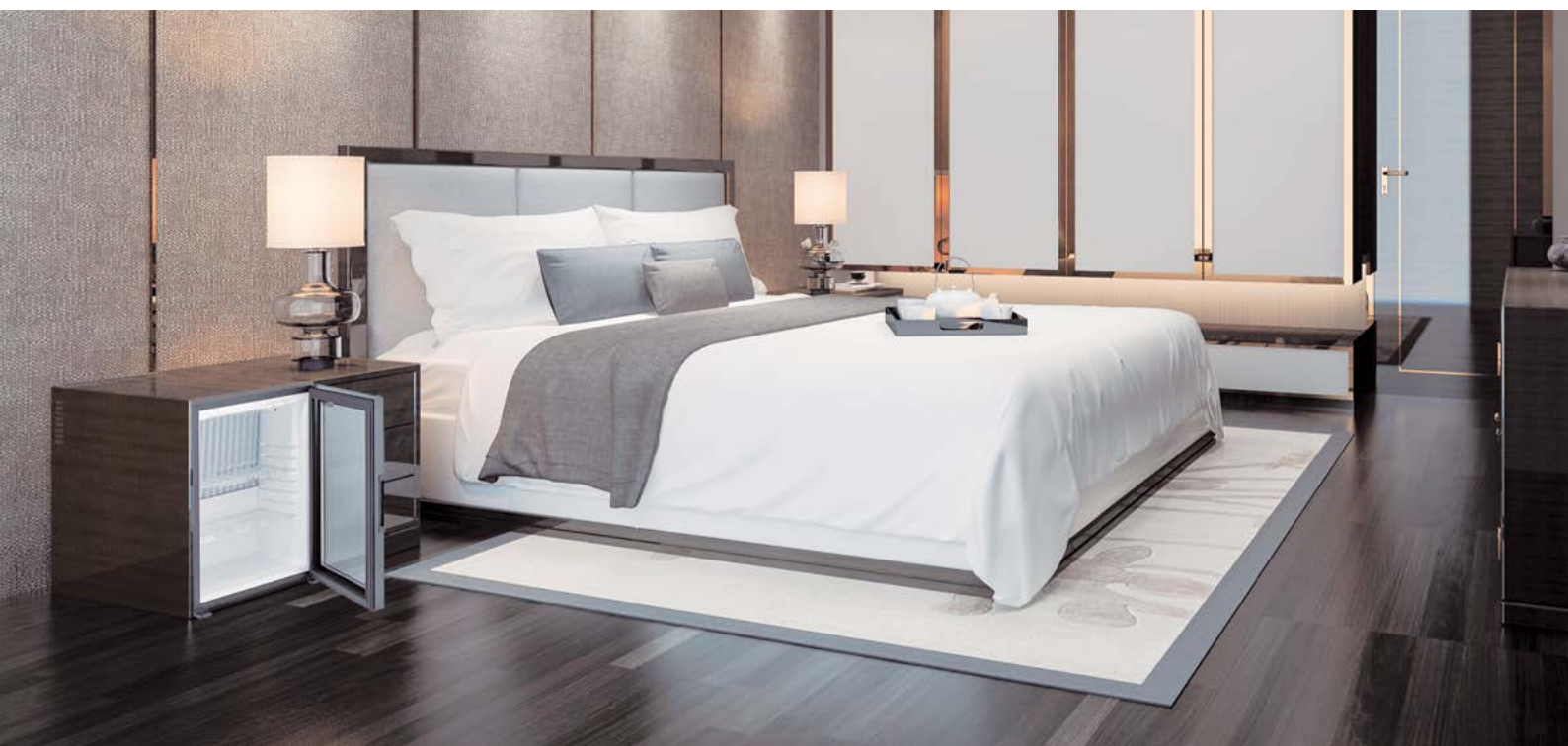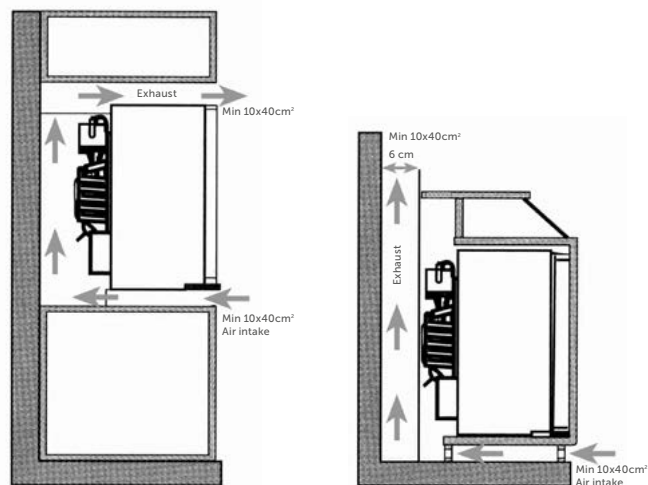☐ Lock
☐ Sliding hinge for cabinet door

Minibars have the advantage of generating incremental revenue for the hotel whilst providing a service to the guest.

The Importance of Ventilation
Essential for a Correct Performance

Minibars can be easily integrated into any type of furniture, as long as the appropriate ventilation space is allowed.

A minimum space of 400cm^2 is recommended to enable air circulation around the cooling unit.

Technical Specifications

Solution AB3 model		
Volume	30 L	40 L
Dimensions (H×W×D)*	480 x 400 x 420	550 x 400 x 440
Technology	Absorption	
Options	Lock, sliding hinge	

Solution AB3 Glass model (glass door)		
Volume	30 L	40 L
Dimensions (H×W×D)*	480 x 400 x 415	550 x 400 x 435
Technology	Absorption	
Options	Lock	

Solution TE1 Glass model (glass door)		
Volume	27 L	30 L	40 L
Dimensions (H×W×D)*	512 x 384 x 399	512 x 419 x 423	566 x 441 x 457
Technology	Thermoelectric		
Options	Lock		

* Dimensions in mm

Energy Management

Hoteliers' operative concerns

50%
of all guest challenges and opportunities are HVAC related

A typical room is vacant
75%
of the day

Energy Cost

Room Occupancy

Equipment Maintenance

Occupancy Rate per Day

Guest Satisfaction

HVAC costs can total **45%**
of a building´s utility expense

HVAC often works all day in a hotel room even when the guest is out.

- High cost for the hotel
- Low efficiency
- Energy waste

Smart Energy Management will Improve your Bottom Line and your Guests' Comfort while Protecting the Environment

Onity presents our feature rich line of products with innovative designs and unsurpassed performance, which provide substantial savings and rapid return on investment, without compromising comfort.

They can help facility managers reduce operating expenses and satisfy guest expectations for comfort and sustainability.

CLIMATE

PRIVACY   DOOR

PMS   BMS

LIGHTING

CONTROLS

WINDOW STATUS   OCCUPANCY

The SensorStat® Solution

The SensorStat occupancy based system is proven to reduce energy consumption by **20%-45%** compared to traditional thermostats, while maintaining the same level of guest comfort.

By managing energy in spaces with unpredictable occupancy patterns, the SensorStat intelligent energy management system can help hospitality brands improve their RevPAR by:

□ Saving energy
□ Improving climate comfort
□ Reducing HVAC runtime
□ Expanding the equipment's working life
□ Reducing technical issues
□ Decreasing maintenance costs
□ Improving guest satisfaction

System Features

SensorStat thermostats detect motion and body heat through **sensors**, to ensure comfort is maintained for guests. They use a proprietary Recovery Time™ algorithm that allows the room temperature to drift for energy savings, while rooms are not occupied, but returns to the occupant selected setpoint within a predefined number of minutes.

SensorStat thermostats also offer:

□ A solution for **new** construction and **renovation**
□ Future proof and **integration** ready

Reduce energy
consumption by

20% - 45%

Energy Management

EcoCentral remote management system

The SensorStat® EcoCentral cloud-based command center is accessible from any Internet-enabled mobile device. In addition to improving energy efficiency and maintenance staff productivity, it avoids having to use dedicated PC hardware and software that needs manual updating.

Convenient features include:

- Proactive monitoring
- Remote control in real-time
- Identifying malfunctioning HVAC units
- Automatic load balance to improve response
- Logical profile shifting
- Cloud-based data backup
- Communication with PMS / BMS
- Actionable reports

Energy Saving Devices

Energy switches which activate electric supply upon keycard insertion:

OniSwitch Range

- Technologies: RFID (MIFARE®, SR176 and SR512), magstripe or mechanical
- Intelligent version available (OniSwitch Mag Intel) which differentiates guest and master cards, acting accordingly
- Timed courtesy light
- LED lights for easy location in the dark
- Wall surface installation

Intellity Range

Intelligent energy switch which differentiates guest and master cards, acting accordingly*

- Technologies: RFID MIFARE, magstripe or mechanical
- Timed courtesy light
- Attractive light for easy location in the dark
- Installation in standard electrical box

* Not applicable to Intellity Basic and Intellity RFID

Other Markets

Solutions for Commercial Applications

Onity is a leading global provider of real solutions and reliable support to a wide variety of markets throughout the world, which includes hotels and resorts, college and university campuses, 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. For over 30 years, we have grown from an electronic lock company, to a worldwide provider of control systems and services.

Onity offers a wide range of security and facility management solutions for different applications in Commercial markets:

Electronic Locks
Page 6

Electronic Locks for Lockers
Page 23

Electronic Cylinders
Page 24

Electronic Safes
Page 26

Minibars
Page 28

Energy Management
Page 30

Applications

Education

A campus with electronic locks on its doors says that it cares to take security to a high level. Onity systems in student dormitories provide the peace of mind they need, so that they can focus on their studies.


Corporate

Onity electronic locking systems make life easier for employees and facility managers, creating a modern and efficient atmosphere, improving the key management and saving money.

Healthcare

A facility in the health environment can have hundreds of doors that open to patients' rooms, administration offices, pharmacies and labs. Onity systems offer increased security while improving key management.
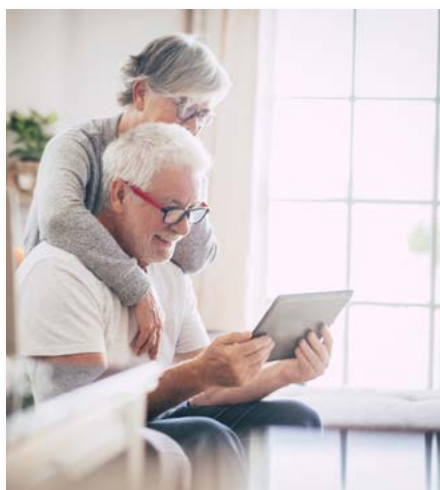
Elderly Housing

Whether your residents want privacy and the security that a locked door means, or doors need to remain unlocked for easy assistance and care, Onity locking systems are the solution for elderly housing.

Residential Buildings

With electronic locks installed in their apartments, Onity can offer convenience and security for their inhabitants. They no longer need to worry about lost keys and they can have 'temporary' keys for visitors.

Marine

Electronic locks with mobile key can provide passengers easy, secure access to their cabins and other locations onboard, delivering a seamless guest experience when traversing the ship.

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30,000
INSTALLATIONS

5+ million
LOCKS SOLD

125
COUNTRIES

250
HOTEL CHAINS

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