The RFID Hotel Lock with Wireless DNA – [WiDNA]

AELEMENT

by SALTO

AElement

by SALTO

SALTO

AELEMENT

by SALTO

EASY FOR GUESTS TO USE

CUTTING EDGE DESIGN

RADIO FREQUENCY ID TECHNOLOGY

ON-LINE WIRELESS

ENERGY EFFICIENT

AElement – Wireless DNA Lock

PROVEN TECHNOLOGY

RELIABLE

AFFORDABLE

INNOVATIVE

PROTECT YOUR FUTURE INVESTMENT TODAY

AElement:
The RFID Hotel Lock with Wireless DNA – [WiDNA]

Salto Systems has taken the next leap in RFID security technology.
With the introduction of AElement the days of the off-line hotel locks are over. Now, you can control your property's security, grant access privileges and gather data from every door without leaving your desk.

All this is possible with the new WiDNA technology, a new solution brought to you by Salto Systems. You no longer have to choose between the on-line or the off-line world. All AElement locks are created to be on-line, this functionality is a standard on every lock and it can be activated or not, it is up to you.

All you must do is choose the mode of operation: "Wireless on-line" for real time lock communication or "Wireless ready" for differed daily communication.

The "Wireless ready" does not require any infrastructure and can be switched at any time to "Wireless on-line" mode whenever you wish by just installing the RF communication infrastructure.

Embracing 21st Century technology has never been easier. Jump into the future now:

Off-line is out, Wireless DNA is in.

Meet SALTO

SALTO has developed cutting edge access control technology that delivers high quality, value-added features and solutions that meet the unique needs of our customers, and your guests.

For a decade SALTO has equipped hundreds of thousands of doors with its advanced electronic locking systems. Clients in over 60 countries have opted RFID technology lock, making SALTO the best selling battery-operated RFID solution worldwide.
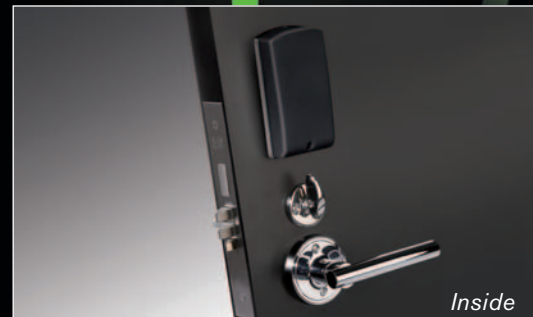
Today, we have taken the next leap forward and offer you our revolutionary new hotel locking system: AElement, which has been developed to give hotels and their guests, modern, stylish, secure and easy to use access control.

Stunning Design Meets Functionality

AElement's versatile design enables hotels to choose its own unique style.
The minimalistic design of the RFID reader looks stylish and discreet on any door. It comes in a wide array of modern and classic lever design and finishes making a bold statement that complements your property's decor.

Note that AElement is not just about aesthetics, it's is also strong in features and benefits.

Inside

RFID Contactless
Part of Our DNA

All around the world, thousands of customers already trust SALTO's superior Radio Frequency ID card technology. Encrypted RFID technology allows users to open doors without even making contact with the lock.

Now, all that experience in RFID access control, has been incorporated into AElement, our new locking system designed and developed specifically for hotels.

AElement works with every popular mainstream RFID inlay such as Mifare and Desfire, the latest versions of Mifare Plus and Desfire EV1, as well as with standard low cost hotel guest cards.

AElement's built-in NFC compatibility allows you to use your NFC-enabled cell phone as your room key or your master key.

Wireless On-Line or
Wireless Ready

AElement is available in two versions: "Wireless Ready" or "Wireless on-line".

The Wireless-Ready version provides all the advantages of RFID with built-in wireless technology that can be switched "ON" when you are ready for real-time online features that are provided with our Wireless on-line system.

The gateway
The gateway acts as a link between the **computer** or server, where the database is located, (standard RJ45 Ethernet connection) and the wireless battery powered locks.
A single gateway manages multiple multiple locks and repeaters, thus reducing infrastructure costs. Any number of gateways can be connected on your existing Ethernet network.

The repeaters
Repeaters boost the range of the gateways and act as a bridge between a gateway and a lock. Repeaters talk to multiple locks thus extending the number of locks managed by a single gateway.

The wireless electronic Locks
Wide range of lock styles and sizes including US ANSI, European and Scandinavian standards. SALTO mortise locks are easy to install and configure on new construction as well as retrofitting existing doors.

Here is how it works:

- When you choose Wireless your locks are on-line and communicate real time with the server. This gives you real time control over the entire property.

- When you chose Wireless ready, your locks communicate with the server daily on differed-time communication mode. Wireless ready locks can be "switched" to real time on-line Wireless mode at any time. Your initial investment is 100% protected, no parts need to be replaced or reprogrammed, just plug the USB-sized RF antenna and you are in business.

- Both Wireless and Wireless-ready locks can all be combined in on property. You choose what doors require real-time communication and what doors.

A Network With
A Double Safety Net

The backbone of the system is a cost effective 2.4GHz wireless network over an 802.15.4 protocol.

The gateways and repeaters act as antennas, collecting and sending information from the computer server directly to the wireless locks. One gateway can manage several electronic locks as well as repeaters, minimizing infrastructure costs and maximizing flexibility.

Double Safety Net: The RF network has an automated "self healing" feature plus the SALTO patented SVN™ network redundancy ensuring your hotel is up at all times, even in the event of a outage or a Wireless network outage.

Benefits

AElement features a wide range of advanced and innovative hotel management benefits including:

Guest Services
• IRM – Instant Room Move
• IES – Instant Extended Stay

Staff Management
• On-line staff tracking
• Real time monitoring
• Instant master card cancellation
• Dynamic master keys

Front Desk
• Auto check out
• Privacy mode monitoring

Room management
• Real time audit trail
• Automated "low battery report" (battery life: 3 year avg.)
• Real time audit of inside openings
• Optional real time mechanical override audit
• Passage mode activates for meeting rooms

Security and Safety
• Lost card cancellation
• Door ajar alarm
• Intrusion alarm
• Remote opening
• Fully featured Access Control software module

Guest Comfort
• Cards do not demagnetize
• Batteries will not die unexpectedly.

Staff Card and Back-of-House Management

True to our WiDNA philosophy, we believe that managing staff cards and back-of-house doors should be simple, convenient and secure. This provides complete freedom and flexibility in both "Wireless ready" and "Wireless on-line" modes.

That's why with AElement we have chosen to do things differently:

• All master cards are uniquely assigned to the specific individual, and have no limitations to how the locking plan is conceived. Your card does not need to belong to a group. You can centrally authorize any card at any random list doors or zones (no need for grouping).

• No need to hand out and collect staff cards every day. Staff cards can be programmed not to work at night (outside their individual time shift) and can be centrally cancelled at will in a moments notice. No need to walk your property with a lock programmer.

• Changes to the locking schedule changes are made on the fly, no need to manually re-program locks or re-issuing cards.

All the above are features are built into both operating modes "Wireless on-line" and "Wireless ready".

Tomorrow's Technology Today

The revolutionary new AElement system allows you to integrate all your hotel's physical security needs into one stylish, reliable, wire-free system.
All the features listed are standard to both AElement versions, the only difference between "wireless on-line" and "wireless ready" is the real time vs differed

time communication.
So whether you select AElement "wireless on-line" or "wireless ready" solutions, you will immediately take advantage of SALTO's years of RFID experience.

AElement: tomorrow's technology-today! WiDNA.