



The RFID Hotel Lock with Wireless DNA – [WiDNA]



A E L E M E N T

by SALTO



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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





Inside

AElement:

The RFID Hotel Lock with Wireless DNA – [WiDNA]

SALTO Systems has taken the next leap forward in RFID security technology.

With the introduction of AElement the day of the off-line hotel lock is 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 WiDNA technology, a new solution brought to you by SALTO Systems. Now you no longer have to choose between the on-line or off-line world. All AElement locks are designed to be on-line, and this functionality is standard on every lock. It can be activated or not, it's up to you.

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

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

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

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 to use our RFID technology locks, 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 guest's modern, stylish, secure and easy to use access control.

Stunning Design Meets Functionality

AElement's versatile design enables hotels to choose their own unique style.

The minimalistic design of the RFID reader looks stylish and discreet on any door. It also offers the choice of a wide range of both modern and classic lever designs and finishes, making a bold statement that complements your property's decor.



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 AEelement, our new locking system designed and developed specifically for hotels.

AEelement works with every popular mainstream RFID inlay such as Mifare and Desfire, the latest versions of Mifare Plus and Desfire EV1.

And thanks to AEelement's built-in NFC compatibility, you can also use your NFC-enabled cell phone as your room key or master key.

Wireless On-Line or Wireless Ready

AEelement 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 to use the real-time online features that are provided with our Wireless on-line system.

Let's take a look at the three elements that make up the wireless 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 locks and repeaters, thus reducing infrastructure costs. Any number of gateways can be connected to 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 ANSI and European standards.

SALTO mortise locks are easy to install and configure on new construction projects as well as retrofitting to existing doors.



How it works:

- When you choose Wireless on-line your locks are on-line and communicate in real time with the server. This gives you real time control over the entire property.
- Both Wireless on-line and Wireless ready locks can be combined in one property. You just choose which doors require real-time communication and which doors don't.
- When you choose Wireless ready, your locks communicate with the server daily on deferred-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 in the USB-sized RF antenna and you are in business.

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 SALTO patented SVN™ network redundancy, ensuring your hotel is up at all times even in the event of a outage or 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"
- Real time audit of inside openings
- 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 fail 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 also centrally authorize any card at random and 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 are made on the fly, no need to manually re-program locks or re-issue cards.

All the above 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 online" 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 benefit from SALTO's years of RFID experience.

AElement: tomorrow's technology-today! WiDNA.

AELEMENT:
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A E L E M E N T

by SALTO

SALTO SYSTEMS HQ, Spain

Polígono Lanbarren
C/ Arkotz, 9
20180 Oiartzun Spain
Tel.: +34 943 344 550
Fax: +34 943 341 621
email: info@saltosystems.com
www.saltosystems.com

SALTO SYSTEMS Ltd

Epic, Innovation Centre
Barling Way, Nuneaton
CV10 7RH, United Kingdom
Tel.: +44 247 679 6430
Fax: +44 247 679 6431
email: info.uk@saltosystems.com
www.saltosystems.com

SALTO SYSTEMS Inc

3073 McCall Drive Suite 1
Atlanta GA 30340
Tel.: (866) GO SALTO
Fax: (770) 452 6098
email: info@salto.us
www.salto.us

SALTO SYSTEMS Inc, Canada

15-101 Don Quichotte Blvd Suite 526
J7V 7X4 Ile Perrot, QC
Tel.: (514) 616 2586
Fax: (514) 425 2187
email: info.canada@salto.us
www.salto.us

SALTO Asia Pacific

Suite 5.03, Plaza 138,
138 Jalan Ampang
50450, Kuala Lumpur, Malaysia
Tel.: +603 2382 3138
Fax: +603 2382 3139
email: info.asia@saltosystems.com
www.saltosystems.com

SALTO Australia, Sydney

Level 39, Citigroup Centre,
2 Park Street Sydney NSW,
2000 Australia
Tel.: +61 2 9004 7061
Fax: +61 2 9004 7070
email: info.sydney@saltosystems.com
www.saltosystems.com

SALTO Australia, Melbourne

Level 50, 120 Collins Street
Melbourne, Victoria
3000 Australia
Tel.: +61 3 9225 5401
Fax: +61 3 9225 5050
email: info.melbourne@saltosystems.com
www.saltosystems.com

SALTO Mexico

Bonampak 77 SM-3 Oficna: 205
Cancún, Q. Roo 77500
México
Tel.: +52 (998) 892 8752
Fax: +52 (998) 892 8752
email: info.mexico@salto.us
www.salto.us

SALTO Middle East, Dubai

Jebel Ali Free Zone
Lob 6, office 22
PO Box 262871
Dubai, United Arab Emirates
Tel.: +971 48 811 050
Fax: +971 84 480 422
email: info.me@saltosystems.com
www.saltosystems.com

SALTO Netherlands

PO Box 36457
1020 ML Amsterdam
The Netherlands
Tel.: +31 651 562 021
Fax: +31 203 375 716
email: info.nl@saltosystems.com
www.saltosystems.com

SALTO Portugal

Largo Captao Pinheiro
Torres de Meireles 51/52, R/C;
4150-619 Porto, Portugal
Tel.: +351 220 937 508
+351 220 938 392
Fax: +351 220 935 871
email: info.portugal@saltosystems.com
www.saltosystems.com

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