

SALTO wireless

SALTO
inspiredaccess



Information doesn't need wires
to travel over anymore



Real-time battery powered wireless access control from SALTO is here now.

Imagine being able to control all the doors in a building from one central location with just the click of a mouse. Imagine being able to monitor your access network, delete key cards and download audit trail information all in real-time. Imagine being able to do all of this without wires.

SALTO was the first company to develop electronic access control without the need for expensive hard wiring with our SALTO Virtual Network data on card technology.

Now, in response to market needs, we're introducing the SALTO real-time battery powered wireless system.



Advantages of the system

- The SALTO wireless system combines the efficiency of both on-line and off-line applications in a single system.
- Real-time communication with state-of-the-art SALTO stand alone battery powered escutcheons simplifies security management and provides unrivalled levels of access control flexibility.
- It uses AES128 bits encrypted radio frequency communication based on IEEE 802.15.4 at 2,4Ghz to transfer information from escutcheons to the PC through strategically located gateways or repeaters.

System components



The gateway

The gateway acts as a link between the PC or server, where the database is located, (standard RJ45 Ethernet connection) and the wireless battery powered escutcheons.

One gateway can manage several escutcheons and repeaters, reducing infrastructure costs.



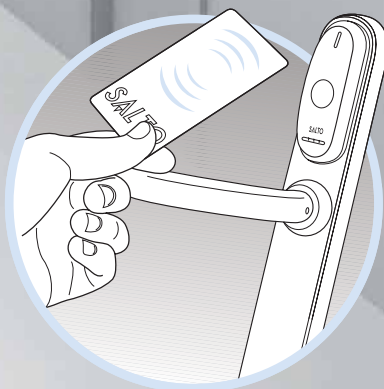
- The wireless system is so efficient that battery power consumption is close to that of our standard battery powered electronic escutcheons.
- Real time audit trail: View door access in real time without having to visit the door.
- Real time door control: View door status in real time.
- Real time battery control: Monitor battery maintenance by viewing the lock battery status in real time.
- Key management: Resolved in real time as the locks receive cancelled key updates as soon as they are generated.
- Any number of doors can be equipped with the SALTO wireless system at much lower cost than a conventional wired access control solution.
- Gateways and repeaters act as antennas, collecting and sending information from the PC to the stand alone wireless locks. One gateway can manage several repeaters and electronic escutcheons, minimizing infrastructure costs and maximizing flexibility.
- The SALTO wireless system is compatible with most common RFID technologies including Mifare/DESfire, Inside Picopass, Legic and HID iClass. This makes integration easy and in most cases you can continue using your existing cards for all your applications.

The repeaters

Repeaters act as a bridge between a gateway and an escutcheon or even another repeater. They are used to boost the range between an escutcheon and a gateway or where there are more escutcheons than a single gateway can handle.

The wireless electronic escutcheons

Huge range of escutcheon styles and sizes including Scandinavian and ANSI models. SALTO mortise locks are easy to install and configure.



The SALTO wireless system is completely integrated with the SALTO platform making it easy to customise to your exact needs and cost-effective to expand at a later date.

It's easy to configure and manage and offers a huge range of options including many different types of locking solution such as privacy, key override and detection functions. It's also compatible with most common RFID technologies including Mifare/DESfire, Inside Picopass, Legic, HID iClass and is NFC (Near Field Communications) ready.



SALTO platform and software

All SALTO escutcheons are also SVN (SALTO Virtual Network) compatible. So in the unlikely event that the RF connection is interrupted, SVN technology will enable the escutcheons to keep working normally, but off-line, without compromising security or control. And, there are no limits on access so all the cardholders in the system, however many there are, can continue to enjoy full access privileges while RF connection is re-established.

The SALTO wireless system is managed through state-of-the-art Pro Access or HAMS SQL software that can handle up to 64,000 users and 64,000 devices. It enables users to manage a complete wireless network and all existing SALTO off-line devices such as escutcheons and cylinders.

With a single click of a mouse you can configure or make changes to the network in real-time as only the gateways and repeaters have to be set-up, the wireless electronic escutcheons will be configured automatically through their self-organizing capabilities.

You can then monitor the wireless network, download audit trail information from the wireless escutcheons for real time control, delete users remotely and securely, collect battery status of the RF escutcheons for maintenance and much more all from a single PC and all in real-time.

And thanks to its self-healing capabilities, if an escutcheon should lose RF connection at any time it will automatically scan for a new connection to an alternative gateway or repeater, restoring communication and maintaining security.



Company profile

Jump with us into the future and make your access control problems a thing of the past. **SALTO is tomorrow's technology that's here today.**

In today's fast moving and constantly changing world nothing stays the same for long. New working practices mean security has to continually change and evolve to keep pace. As a result buildings and workspaces need to be flexible and adaptable, ready to incorporate new technologies using stand alone door units with real time on-line systems that are inspiring to use, simple to install and able to work with existing IT networks.

SALTO is able to offer all this and more. We are the selected access control option on over 600,000 doors, in over 60 countries. The power of the SALTO Virtual Network (SVN) and the wireless network system allows people to work wire free enabling them to manage their key control requirements efficiently, flexibly and cost effectively.

At SALTO we are determined to remain the best at what we do - both now and in the future. We never forget you have a choice, and we are committed to providing uncompromising standards of excellence both in our access control products and in our service to you, our customers.



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