



## SALTO SYSTEMS – ONE JUMP AHEAD

Better security. Added value. Enhanced productivity. More efficient management. SALTO can equip you with world class, keyless and future-proof access control that delivers substantial benefits.

Since 2001, SALTO has been driven by our vision of creating world class access control systems that are simple and efficient to use. We give you the ability to control all your access needs and secure all your doors without the need for complex and expensive wiring, providing total control over who is able to access what, where and when at all times. Having revolutionized access control around the world in sectors where security is critical – from airports and healthcare to education and hotels – we continue to innovate to ensure we deliver the most advanced and flexible electronic locking solutions in the market.



## SALTO VIRTUAL NETWORK (SVN) DATA-ON-CARD ACCESS CONTROL SYSTEM

The SALTO Virtual Network (SVN) provides the flexibility for an access control system to grow from a small number of doors and users to a large number of doors and users as required. It allows stand-alone locks to read, receive and write information via an encrypted and secure data-on-card system that utilizes the capabilities of RFID read/write technology.

In SVN all access data is stored on and distributed by its operating smartcard. When presenting a smartcard to an offline stand-alone door, not only does this control access rights to that door but thanks to two-way communication, the door also writes data like blacklist information or battery status back to the smartcard. The smartcard then transmits this information back to the server via online wall readers that are able to update and receive information from the cards anytime and anywhere in the building.

## SALTO WIRELESS WIRELESS REAL-TIME ACCESS CONTROL SYSTEM

To further the level of security, SALTO has developed the XS4 Wireless online solution. It is designed for applications that need high level real-time access control. SALTO Wireless can be used as an independent system or as a complement to SALTO Virtual Network (SVN) and hardwired IP solutions. It connects battery-powered electronic escutcheons and cylinders by means of low power radio transceivers (2.4 GHz).

These interact with XS4 gateways, which are connected by Ethernet/WiFi to the central management computer. With a single click of a mouse you can configure or make changes to the network in real-time. You can also download audit trail information for real-time control, delete users remotely and securely, collect battery status for maintenance and much more, all from a single PC and all in real-time.



Electronic Security Solutions, Inc. (ESS) has been providing electronic access control solutions since 2001. With over 30 years of security locking design experience, Dale Padjen, President of ESS, and his team supplied many industries by developing, manufacturing and patenting several locking designs.

As a certified business partner of SALTO Systems, a leading manufacturer of keyless electronic locks, ESS provides the very latest in electronic locking technology. From a wire-free system to a wireless real-time solution, doors can be secured without complex and expensive wiring.

- Using the latest in Bluetooth technology, access your locks with our easy mobile app "JustINMobile".
- With the new "SALTO-KS" you can use your own Wi-Fi, PoE or 4G service
- ProAccess SPACE, our web-based software, enables you to monitor your system from anywhere.

In addition to controlling a facility's doors, ESS has engineered other systems such as electronic locking safes, the new "GeoStart" to control authorized users on airfield equipment, fork lifts and other specialized equipment, using SALTO technology. With our electronic key cabinets, valuables can be secured using the same SALTO electronic key card or fob.

ESS has had great success in optimizing solutions for two major airports in Chicago, hotel chains, college campuses, airlines, and many other organizations, custom to their needs, using SALTO Systems for their security requirements. Let ESS do an assessment to see how you can optimize your security system.

ESS can service all of your requirements at any location in the United States with offices in Chicago, Illinois; Milwaukee, Wisconsin; Houston, Texas and Mexico.

**Our goal is to provide the highest quality and value in Security Solutions and Customer Service. ESS, with our own team, is with you during the design stages, installation and after the system is in place.**

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## NEXT GENERATION KEYLESS ACCESS CONTROL

For world class wire-free building security





Electronic Security Solutions, Inc.

## XS4 ESCUTCHEONS FLEXIBLE AND WIRE-FREE

With a large variety of models, XS4 electronic escutcheons fit virtually any door. They are also suitable for use at fire doors and emergency exits. Totally wire-free and networked through SALTO Virtual Network and SALTO Wireless network. Compatible with ANSI mortise locks and tubular latches.



Electronic Security Solutions, Inc.

## XS4 WALL READER CONTROL AND UPDATE

Wide range of wall readers, with or without keypad, for indoor or heavy-duty outdoor applications. For controlling access rights and as an update terminal in SALTO SVN. In combination with XS4 controllers, enables the expansion of SALTO access control to all entrances where stand-alone door components cannot be fitted, e.g., automatic doors, barriers and lifts. Latest electronics provide more functionality such as BLE, with product available in Black or White and in all relevant RFID technologies.



Electronic Security Solutions, Inc.

## AELEMENT DESIGN-LOCK ELEGANT AND EFFICIENT

AElement is the minimalist RFID lock with stylish design. It allows the integration of all physical security needs in an energy efficient and easy to manage system. Totally wire-free and networked through SALTO Virtual Network and SALTO Wireless network. Compatible with ANSI mortise locks. Available in a choice of colors, AElement can also be combined with a wide range of designer handles.



Electronic Security Solutions, Inc.

## XS4 SOFTWARE PROACCESS ORGANISING AND MANAGING

ProAccess SPACE is a web-based management software consisting of six modules with different functionalities. Several add-ons allow for tailor-made extensions. The software delivers a powerful and easy-to-use access control management that is suitable for use in all kinds of environments and can manage up to 4 million users and 64,000 doors. Thanks to an interface that helps users find and operate the functions they want, the software is used quickly and intuitively.



## XS4 MINI ESCUTCHEON EASY INSTALLATION

Simple to install, it provides a reliable solution for electronic access control perfect for new buildings or for expanding or upgrading an existing access control system without the need to hard wire. Simply add XS4 Mini battery-powered locks to any door where upgraded security is needed. XS4 Mini comes in Mifare and BLE (Bluetooth Low Energy) versions so it can be operated by conventional smartcards and/or via SALTO's JustIN Mobile app.



## XS4 GEO CYLINDERS COMPACT AND VERSATILE

Extensive range of compact sized electronic cylinders designed for doors where fitting an electronic escutcheon is not possible or required. Totally wire-free and networked through SALTO Virtual Network and SALTO Wireless network. Available for mortise and RIM standards, as well as heavy duty deadbolt, padlock, cam lock and server rack (swinghandle) solutions.



## XS4 LOCKER ELECTRONIC AND ROBUST

The XS4 Locker provides high level security to a wide range of lockers, cupboards, cabinets, boxes, etc. by integrating it into the SALTO wire-free electronic access solution. It features an ergonomically designed twist operated locking handle that makes for easy use, even with wet hands. The battery pack, electronic components and locking mechanism are all located on the inside of the door, safe from potential vandalism or sabotage.



## XS4 CREDENTIALS OPTIONS FOR EVERY NEED

Wide range of versions to suit user's individual needs. XS4 credentials are waterproof, copy proof and have multi-application capabilities. Contactless carriers are available as smartcards, fobs and bracelets with RFID technologies including Mifare Classic, Mifare DESFire EV1 and HID iClass among others. Special solutions are possible upon request.

