ACCESS CONTROL FOR SMARTER BUILDING MANAGEMENT

SALTO is driven by continuous improvement and is committed to developing the most technologically-advanced and flexible electronic locking solutions for any kind of door and user needs.

Welcome to SALTO Systems.

www.salto.us

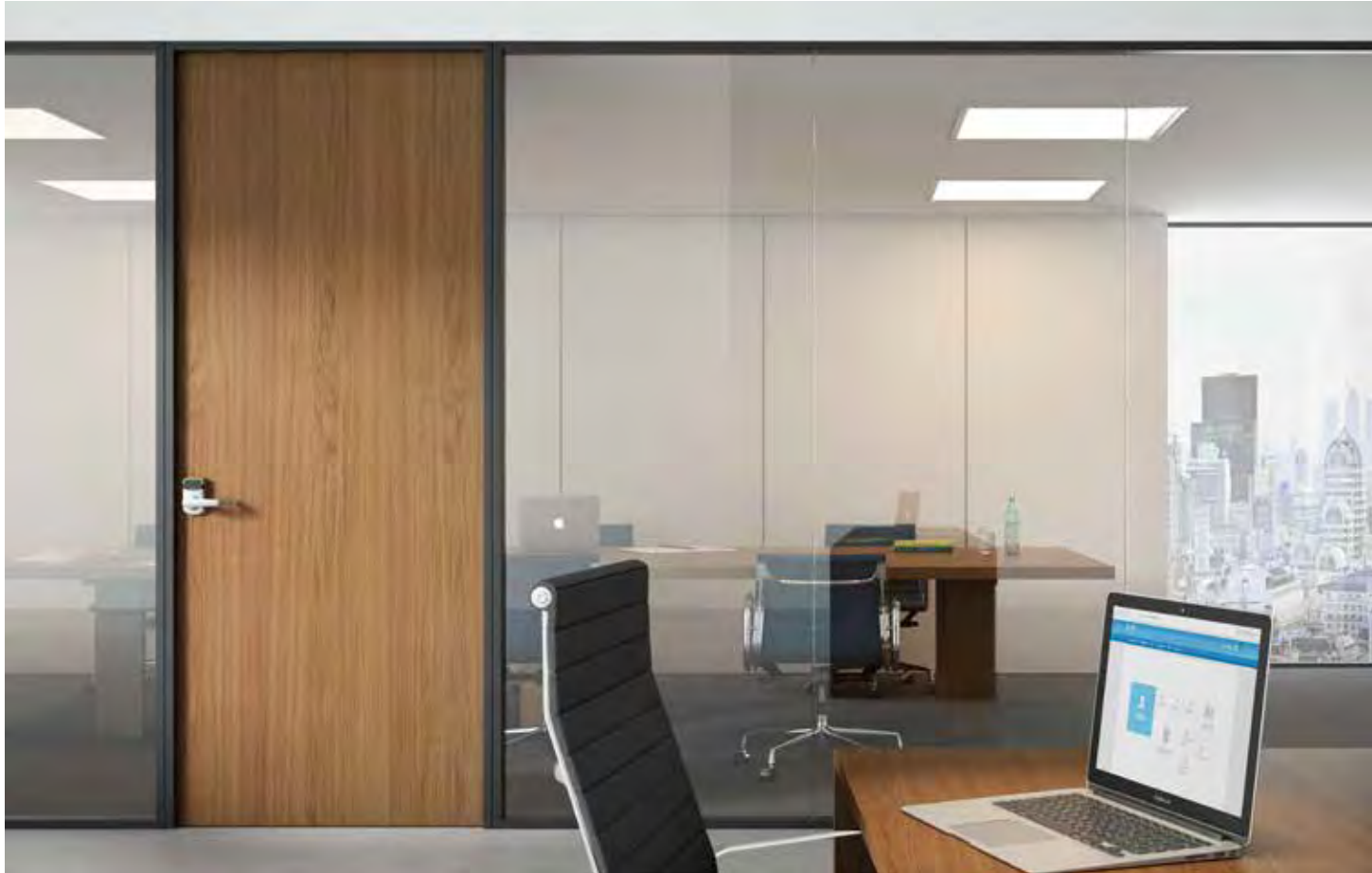# ACCESS CONTROL FOR SMARTER BUILDING MANAGEMENT

SALTO SYSTEMS
ONE JUMP AHEAD

Since 2001, SALTO Systems has been delivering state-of-the-art wire-free and keyless electronic access control solutions. SALTO is driven by continuous improvement and is committed to developing the most technologically-advanced and flexible electronic locking solutions for any kind of door and user need. SALTO has established itself as a global market leader in electronic access control solutions.

SALTO continues to grow the value of its brand, and today, SALTO is synonymous with innovative solutions that set new standards in security, manageability, flexibility and design that bring real-world benefits.

The pioneering SALTO Virtual Network SVN data-on-card and technology platforms provide stand-alone, smart locking solutions that continue to set SALTO apart. More recently, the company's technological expertise has brought SALTO to leading positions in both cloud-based access control technology and mobile access solutions.

Having revolutionized access control in a vast number of industries and applications – from office, education, healthcare, transport and commercial buildings to business, hospitality and residential – SALTO continues to deliver industry-leading electronic locking solutions to markets across the globe.

MARKETS & SOLUTIONS

Inspiration, dedication and passion have led SALTO to become one of the world's top five manufacturers of electronic access control systems in little more than 15 years.

TECHNOLOGY PLATFORMS

Realizing tomorrow's keyless buildings today with innovative thinking and advanced technology.

XS4 ELECTRONIC DOOR LOCKS

The SALTO XS4 access control platform combines electronic door components, peripherals and software, providing tailor-made wire-free networked access control solutions. Everything works.

NEXT GENERATION
KEYLESS ACCESS CONTROL

SALTO HAS REVOLUTIONIZED ACCESS CONTROL AROUND THE WORLD IN SECTORS WHERE SECURITY IS CRITICAL

SALTO has developed a suite of access control solutions that balance security with accessibility, and advanced technology with affordability. By embedding high performance electronic access control into their infrastructure, users can protect their people, assets and buildings while providing world-class facilities.
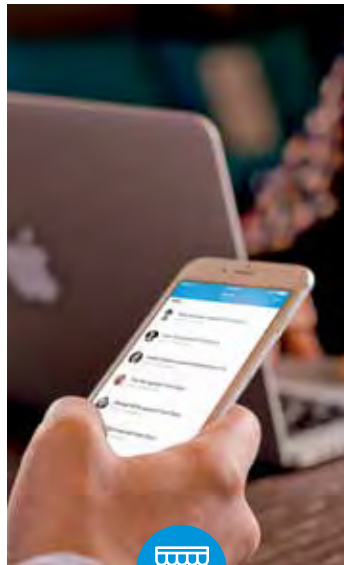
From commercial buildings and education to hotels, retail, co-working spaces and residential - we continue to deliver the most advanced and flexible electronic locking solutions on the market.

COMMERCIAL

SALTO solutions are in use around the world in many types of commercial buildings, where they provide security, access control and staff and workforce management.

- Office & Industrial buildings
- Education
- Healthcare
- Transport
- Government
- Leisure & Entertainment

BUSINESS

SALTO solutions make access control a simple and secure solution for business access to manage keys, users and doors across multiple locations to ensure that only the right people get through.

- Retail
- Shared spaces / Co-working
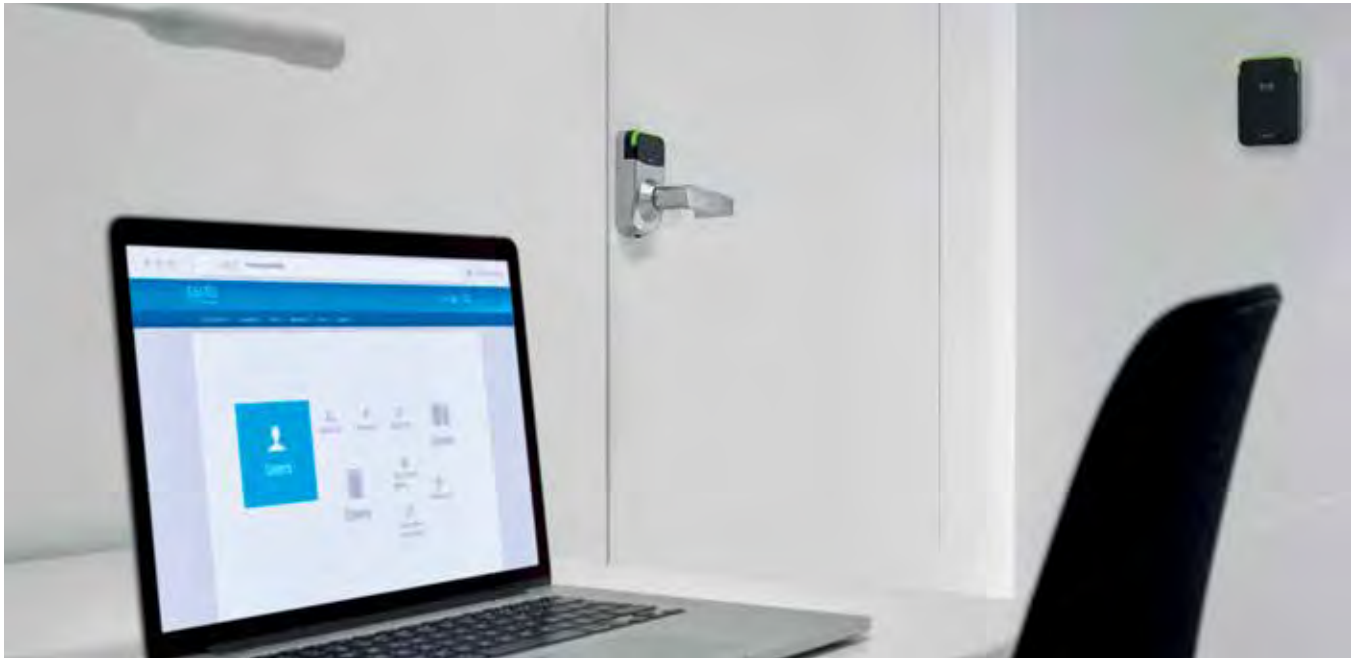- Rental properties
- Banking & Finance

RESIDENTIAL

Smart locks replace the traditional home door key with an electronic system that allows you to use your smart phone to control your door, your guests and your home.

WITH SALTO, SAY GOODBYE TO MECHANICAL KEYS

THE ACCESS CONTROL SOLUTION YOU THOUGHT YOU'D NEVER FIND

At SALTO, our goal is to always give our customers the products they need to meet and surpass the challenges they face. It's why we go the extra mile to design and manufacture innovative access control solutions using the latest technologies in order to meet users' needs and any type of building requirements both now and in the future–whatever the market.

SALTO Systems revolutionized access control with the introduction of the SALTO Virtual Network SVN data-on-card technology and the battery-operated wire-free electronic lock range in 2001. For nearly 20 years SALTO has been synonymous with innovative solutions, including stand-alone, cloud-based and mobile applications, that set new standards in security, manageability, flexibility and design that bring real-world benefits to virtually any type of door. SALTO is widely recognized as a global market leader in electronic access control solutions across a broad range of industries and applications.

Today, SALTO leads access control innovation with the development of and continued investment in SALTO SPACE networked wire-free battery-powered locks and SALTO KS cloud-based technology platforms.

SALTO SPACE

SALTO KS

WIRE-FREE SMART ACCESS CONTROL TECHNOLOGY PLATFORM.

CLOUD-BASED ACCESS CONTROL, ON-THE-GO AND IN REAL-TIME.

SALTO's SPACE networked electronic locking access control platform brings a new level of powerful flexibility to access control so that users can order the functionalities they most need and upgrade accordingly as a system and needs grow. SALTO SPACE access control management platform offers a modern, user-centered interface web-based software for varying skills, capabilities, and security levels. Mobile access control adds convenience and flexibility without sacrificing security.

SALTO KS - Keys as a Service - provides a flexible, cloud-based access control management system that requires no software installation or the added expense of a fully-wired electronic product. All that is needed is an online device with an Internet connection.

SALTO SPACE

WIRE-FREE SMART ACCESS CONTROL TECHNOLOGY PLATFORM

SALTO's SPACE access control technology platform is designed to give end users ultimate freedom of choice regarding system layout, type and number of access points as well as level of security. In addition, SALTO easily adapts to changing requirements and can deliver scalability no matter what the project size.

Having one of the broadest product portfolios in access control worldwide, SALTO SPACE can fulfill virtually every technical and functional requirement. Thus, access control solutions by SALTO can encompass almost every access point in a building and its perimeter.

PROACCESS SPACE MANAGEMENT SOFTWARE:

Intuitive user-centred web-based software interface that makes it simple and secure to incorporate access control for any type of bulding size or user needs. It's a powerful and flexible software allowing each system operator to set up their own preferences: capabilities and security level, language settings and others.

SALTO's SPACE platform offers several ways to integrate with third-party systems. This includes interfaces and APIs for connecting SALTO smart lock technology to video surveillance, vehicle access, biometrics, time & attendance, escape door control systems, intrusion alarm, and many more.

SVN
Stand-alone networked

BLUEnet Wireless

Online networked

JustIN Mobile Access

DIFFERENT BUILDING TYPES HAVE DIFFERENT SECURITY NEEDS.

SALTO offers a wide range of technologies and system layouts. From a simple self-programmable system that needs no computer to manage it, through a highly capable mid-range ROM system up to the data-on-card SALTO Virtual Network (SVN) system and the wireless online (BLUEnet) system, SALTO has what end users need. Upgrade anytime - whenever required - and even mix and match several technologies such as SVN and Wireless.

SALLIS

Integrations

SVN

STAND-ALONE NETWORKED

SALTO VIRTUAL NETWORK (SVN) DATA-ON-CARD TECHNOLOGY

STAND-ALONE NETWORKED LOCKING SYSTEM

Easy-to-use system that integrates all your physical security needs through networked, stand-alone battery-operated smart locks, giving you all the latest users' access information for virtually all of the doors in your facility.

This innovative, wire-free technology allows stand-alone electronic escutcheons to read, receive and write information via its operating smart cards. This data is captured from the cards at SVN online IP access points located at strategic points around the building. The "updating points" upload and download user related information that is then used to permit, control or deny access.

MAIN FEATURES AND BENEFITS

Cost-effective, quick and easy installation as only update points require hard-wiring.
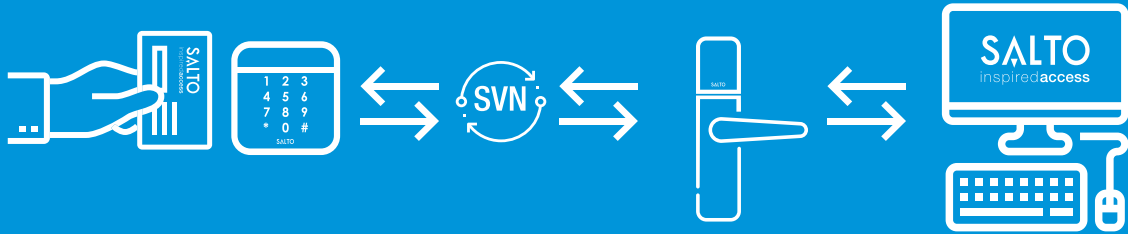
Control and manage all offline access points remotely from one or more workstations through SALTO ProAccess SPACE.

Extremely secure investment as SALTO SVN can be extended to up to 65,000 doors, even on different sites in different countries, if required.

SECURE

- In case of a power failure, the access control system keeps functioning because of its battery-operated escutcheons and cylinders.
- Emergency openings can be performed through the PPD.
- Multiple workstations through SALTO ProAccess SPACE.
- More than 10 different opening modes to suit your needs (standard, free passage ability, free passage with automatic locking, automatic opening, toggle, timed toggle...).
- Available for all mainstream RFID technologies; also multiapplications.

HOW IT WORKS

Card transmits to the system via wall reader:

- User access event
- Visited door battery status

Wall reader transmits to card / user key:

- Deleted card list
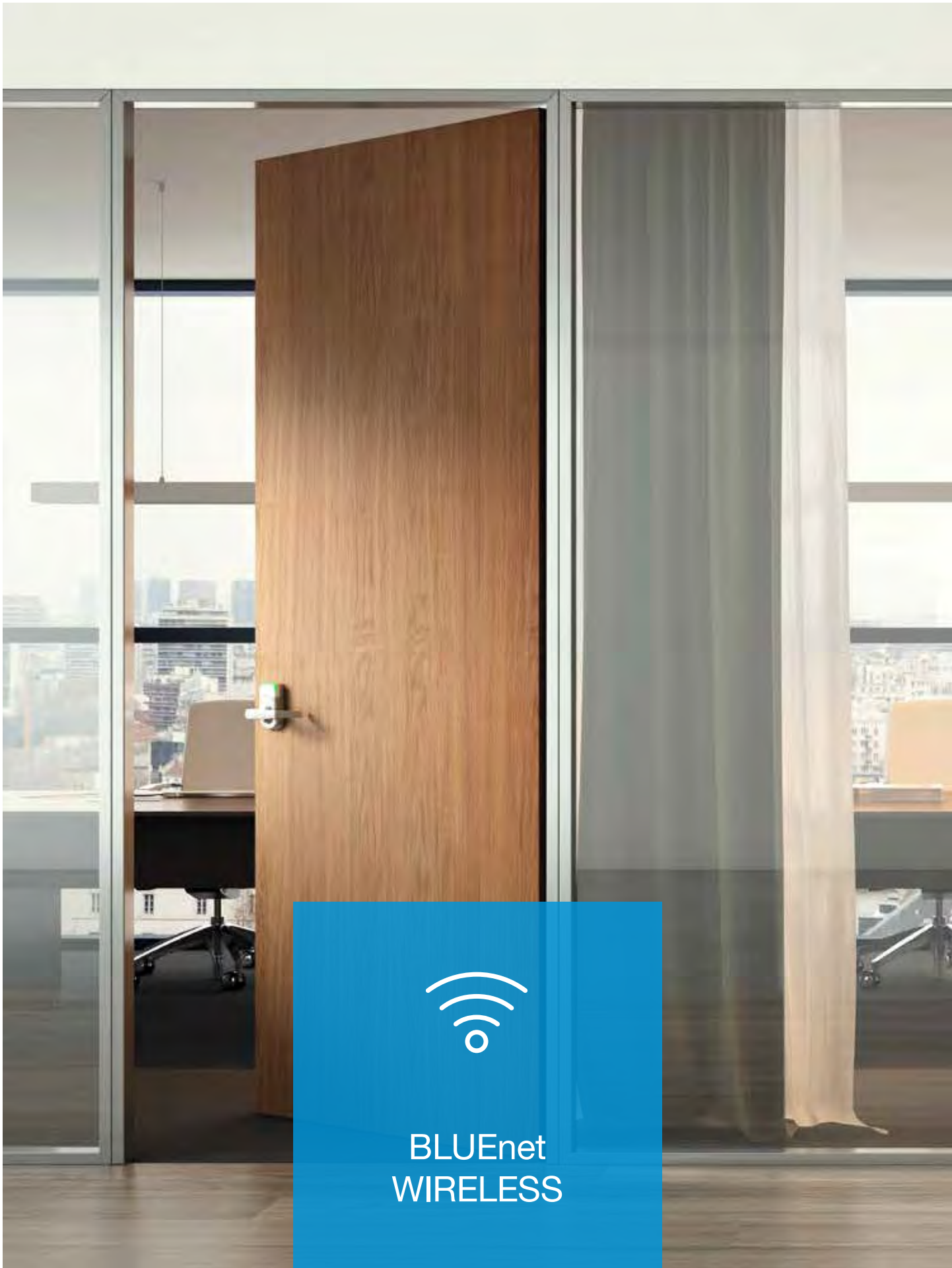- Updated user access rights
- Expiry date renovation

- User access rights

XS4 Escutcheon transmits to card/user key:

- Access event
- Battery status

ProAccess SPACE functions:

- Add or delete users remotely
- User profiles updated easily
- Dynamic event audit trail
- Remote stand-alone device battery status report
- Expiry date renovation

BLUEnet
WIRELESS

SALTO BLUEnet
WIRELESS NETWORKED TECHNOLOGY

EASY AND SECURE REAL-TIME MANAGEMENT

SALTO BLUEnet Wireless has been developed to meet the highest demands related to security and ease. This access control system is networked through Bluetooth RF and especially designed for doors where real-time control is required. SALTO BLUEnet can be installed as an independent system or can complement SALTO Virtual Network (SVN) in areas of a building where real-time control is required.

Control and management of all access points remotely and in real-time from one or more administrator workstations than with SALTO BLUEnet wireless engine allowing the operator to monitor live access control events and giving the ability to unlock doors, change opening mode, lockdown, live door status monitoring or change physical access rules in the access plan, in real-time and wirelessly.

MAIN FEATURES AND BENEFITS

Control and management of all access points remotely and in real-time from one or more administrator workstations.
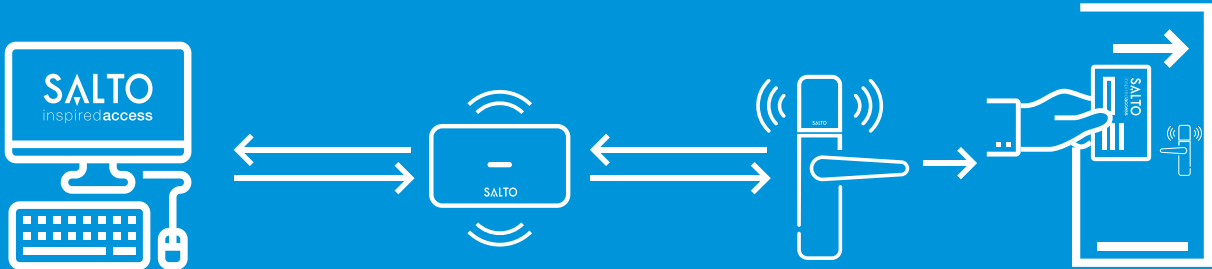
If radio frequency is interrupted or breaks down, the access system will continue to work, as the virtual network of the battery-operated locks remains operative through SALTO SVN.

Wireless network architecture: One gateway can communicate with 7 nodes. Each node can operate up to 16 doors, with a maximum distance of 50FT (15m) between the lock and the node. All by using one single IP address.

ADVANCED FEATURES AND FUNCTIONS

- Advanced security with standard encryption communications.
- Escutcheons and cylinders receive blacklist information and remove cancelled keys from the system in real-time.
- Receive audit trail information in real-time and view door access without having to visit the door.
- Real-time door control: This includes door alarm, intrusion alarm, single lockdown and remote door opening.
- Real-time battery control enables maintenance to view escutcheon power status in real-time.

HOW IT WORKS

ProAccess SPACE functions:

• Access event
• Key cancellation
• Door monitoring
• Graphical mapping
• Battery status
• Remote emergency opening
• Lockdown in case of emergency situation
• Opening function mode

Gateway transmits to cylinder/escutcheon:

• Deleted card list
• Updates to the escutcheon or cylinder

Cylinder/escutcheon transmits to gateway:

• Access event
• Battery status
• Intrusions alarm

ONLINE
NETWORKED

SALTO VIRTUAL NETWORK (SVN) DATA-ON-CARD TECHNOLOGY

ONLINE NETWORKED LOCKING SYSTEM

The SALTO SVN online networked locking system is a state-of-the-art IP-based access control solution for applications requiring high levels of security.

The exchange of information via user's contactless smart key and online access points is secured and encrypted. The online SALTO Virtual Network (SVN) is a data-on-card system based on a patented read/write technology. In SVN, all user-related access information is stored on ID credentials which act as carriers. The access rights are updated at hard-wired online IP access points.

Advanced online features such as monitoring your building's graphical map, IP readers integration (long distance readers for vehicle access, fire alarm systems, biometric access control readers...), trigger an alarm event engine module to further extend the advanced capabilities of the SALTO cutting-edge online access control system.

MAIN FEATURES AND BENEFITS

Reliable, high quality systems: Update straight away user's access permissions and access levels at the click of a button.
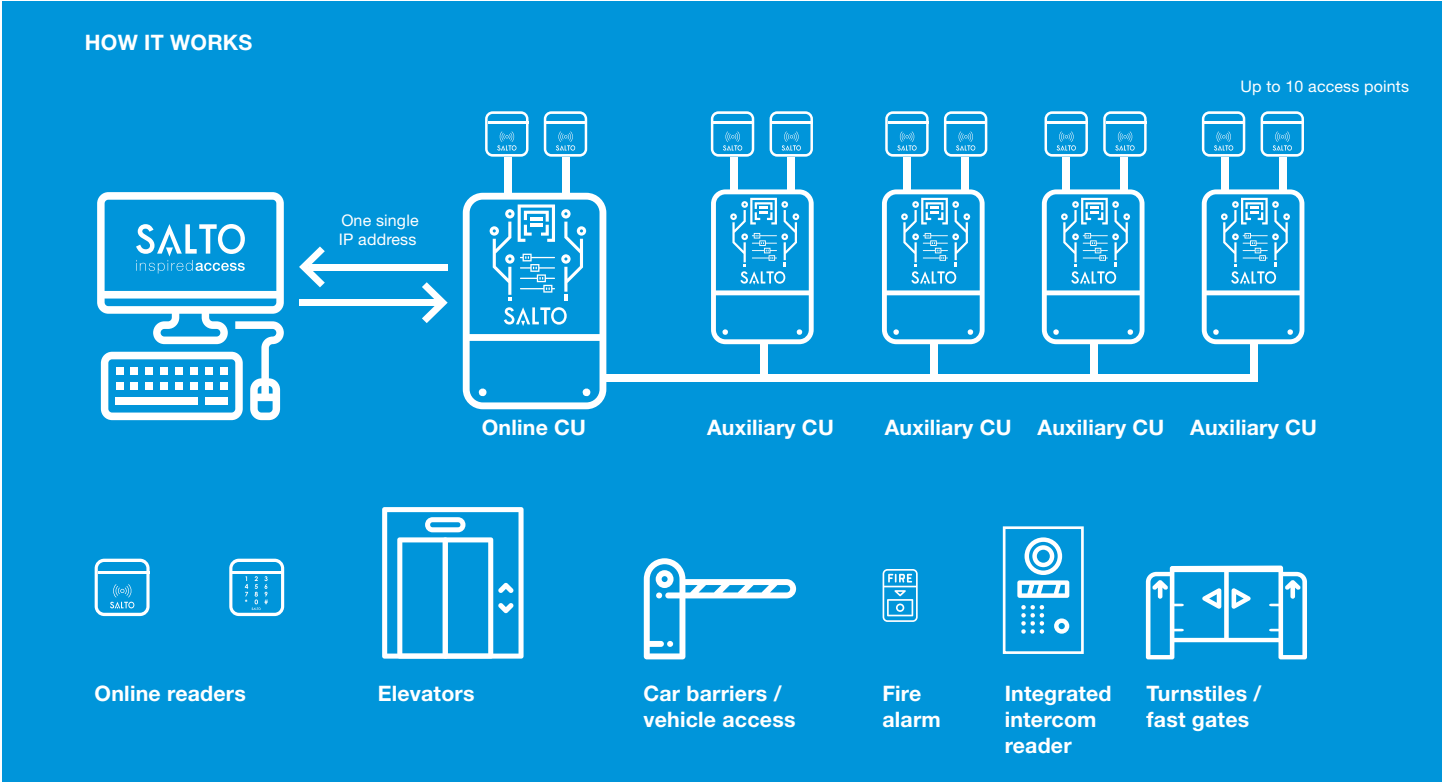
Architecture designed to adapt and grow with your needs: Control any type of building application, from just one door up to hundreds of doors, with thousands of users.
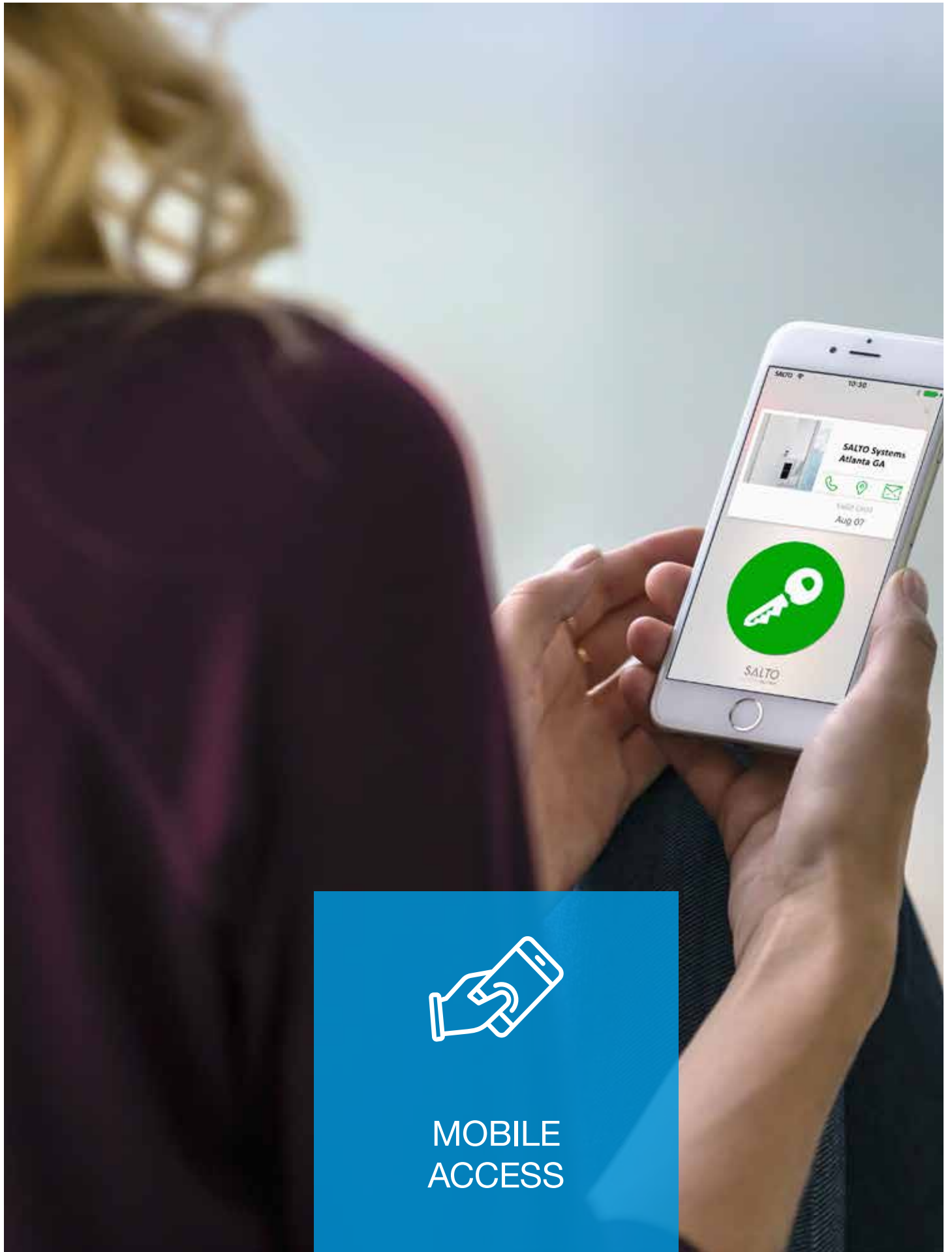
Control and manage multiple doors through one Ethernet connection, operate up to 4 auxiliary online controllers and up to 10 access points with a single IP address.

Event reporting: Online real-time audit trail showing who is where and when. Monitor all your users, staff and visitor movements on site, from your computer.

Link with your security systems: Easy to extend security beyond door control. You can integrate biometric or vehicle access readers, fire alarm systems or third party security systems directly to your access control system.

Email and text alerts can be set up to alert you if a specific event has occurred.

HOW IT WORKS

Up to 10 access points

One single IP address

Online CU   Auxiliary CU   Auxiliary CU   Auxiliary CU   Auxiliary CU

Online readers   Elevators   Car barriers / vehicle access   Fire alarm   Integrated intercom reader   Turnstiles / fast gates

MOBILE
ACCESS

SALTO JustIN MOBILE SMARTPHONE-BASED ACCESS CONTROL

YOUR KEYLESS, MOBILE WORLD. -BLE & NFC-

SALTO's JustIN mobile technology makes it easy and secure to incorporate smartphones as a part of your access control solution. Using SALTO's JustIN technology, these solutions easily and flexibly bring better security and usability to both end users and system managers. End users gain convenience and productivity without sacrificing security, while facility managers distinguish their property with cost-effective solutions that clients truly value.

MAIN FEATURES AND BENEFITS

Use mobile phone as a door key. Access control systems compatible with NFC, BLE and RFID ID technologies.
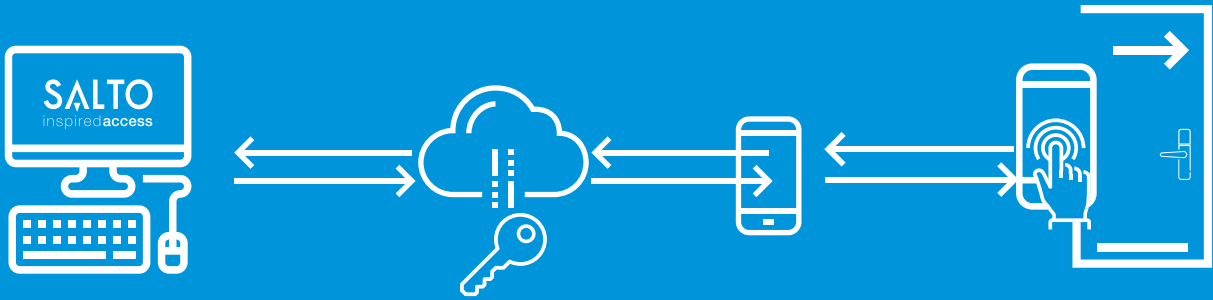
USER FRIENDLY
- End user decides how to receive a key: as a JustIN Mobile or as a physical credential.
- Extend access or change access rights instantly and remotely.
- Works with a user's existing iOS or Android smartphone.
- JustIN Mobile app lets an end user receive their key online, anytime and anywhere.

SECURE
- Smartphone authentication technology for verifying a mobile user's identity: PIN / Fingerprint.
- AES 128 bit encryption and secure opening procedure with key received securely encrypted using SSL.
- Instant key updates or key cancellations.
- Real-time access rights changes, audit trails, and blacklisting lost keys.
- For a higher security level, no information is stored in the SALTO JustIN Cloud. SALTO JustIN Cloud is used only as a temporary bridge.

HOW IT WORKS

ProAccess SPACE

New access rights given by system administrator.

OTA

Users receive their keys OTA (Over the Air), anytime and anywhere at a registered and verified smartphone.

JustIN Mobile App

Users utilize their smartphones to select and open the door. All data transmission and the mobile key itself are encrypted and secured against cloning.

BLE & NFC-enabled XS4 Escutcheon.

The app sends lock audit trail and low battery status monitoring for maintenance-needed operations.

SALLIS

INTEGRATIONS

SALTO SALLIS

SEAMLESS COMBINATION OF DIFFERENT SECURITY SYSTEMS

In many security installations, there is a need for combining systems by different vendors. SALTO offers several ways to integrate with third-party products. This includes interfaces for connecting SALTO to third-party wired access control systems as well as integration with video surveillance, parking management, license/number plate recognition, biometrics, time & attendance, escape door control systems, Physical Security Information Management Systems (PSIMs), training systems for safety instructions and much more.

MAIN FEATURES AND BENEFITS

Completely compatible with the SALTO XS4 wireless escutcheon range.

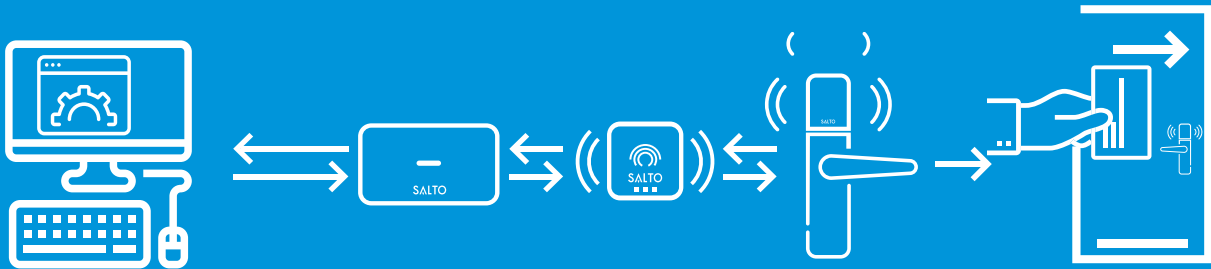**Powerful diagnosis** tool thanks to over 25 different event codes within the audit trail.

Based on audit trail: When lock is offline, lock will grant access to the user according to their last user event within the lock. For high transit doors.

Based on white list system: Up to 20 master keys subject to time zones can be stored in the lock memory. With proper set up, no door will be left without control. 600 audit trail events are stored on the lock, regardless of the state of the communication with the host.

ADDITIONAL FEATURES AND FUNCTIONS:
- Wireless communication AES 128 bit encryption.
- Wireless communication at 2.4ghz based on IEEE 802.15.4.
- Online audit trail and battery status control.
- Live door monitoring.
- 20 emergency codes subject to time zones.

HOW IT WORKS

HOST & database

The HOST is the access control panel where the information related to access is hosted (users, time periods, calendars, etc.).

Router

The SALLIS Routers and Nodes are the link between the host and the rest of the platform and enable communication with the wireless escutcheons and cylinders.

Node

XS4 SALLIS escutcheon/cylinder

The wireless locking devices are the core of the locking system itself and enable control of doors without need for complex wiring installations.

SALTO KS: KEYS AS A SERVICE

CLOUD-BASED ACCESS CONTROL, ON-THE-GO AND IN REAL TIME.

SALTO KS makes access control a simple and secure solution for businesses to manage keys, users and doors across multiple locations.

No software installation, scaling on any device, secured login, intuitive design - anything you may expect from today's cloud is in the SALTO solution.

SALTO customers do not need to worry about any door running out of capacity, as SALTO KS is effectively infinite in size. The solution also incorporates state-of-the-art security measures in all components and, more importantly, to keep updating that permanently. Not always visible but always there. Manage locks, people, messages and important access rights with no hassle.
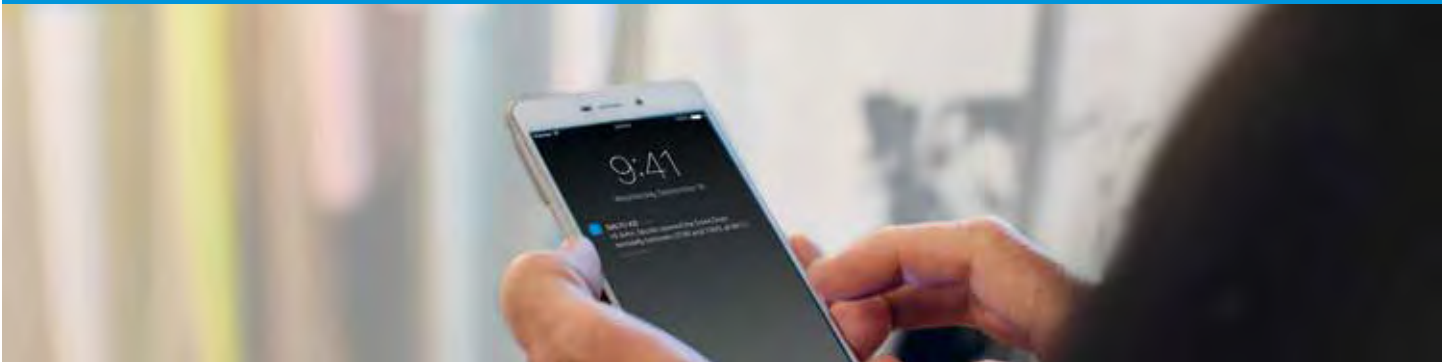
SALTO KEYS AS A SERVICE

The SALTO KS cloud-based access control platform allows you to control all of your locations and access needs from anywhere. Vastly better functionality and performance than a mechanical solution. Flexible, with no software installation required.

SALTO KS CONNECT

KS Connect allows SALTO KS customers to integrate with existing software applications which streamlines operations and maximizes technology. KS Connect enables third-party software and service providers to enrich offerings with smart-lock functionality.

EASY ACCESS CONTROL FOR YOUR BUSINESS

With SALTO KS there's no need to install any software or there's no need to replace a lock if keys are lost or stolen. Managing doors, keys and user access levels has never been easier and more secure; simply block a user key.

SALTO KS is an easy-to-use and simple-to-manage access control dashboard that supports your business needs for a modern physical access control solution that gets all doors online and unifies access with a single cloud solution.

MANAGE AND MONITOR PHYSICAL ACCESS IN THE CLOUD

SALTO KS allows you to individually define who can enter which doors during which time periods.

What no conventional key can do is change access rights on the fly. The SaltoKS.com website portal gives you the opportunity to quickly and easily determine who enters a property and when. If changes need to be made, then just log in, make the change, and it's done. No updating of the SALTO KS Tag or SALTO KS access point is necessary. Can you do this with your current lock?

KEYS AS A SERVICE

SALTO KS

FROM WHEREVER YOU ARE. REGARDLESS OF WHERE YOUR BUSINESS IS.

SALTO KS has established proven reliability and its recognized stability brings cloud access control to any business, providing vastly better functionality and performance than is possible in a traditional mechanical solution. A flexible management system that requires no software installation, nor the cost of a fully-wired electronic product; the only item you need to manage SALTO KS is an online device with an Internet connection.
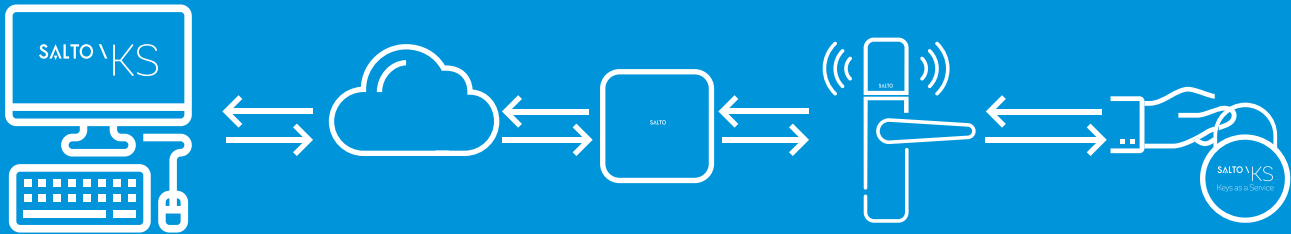
MAIN FEATURES AND BENEFITS

Open doors remotely. With SALTO KS "Code," SALTO KS' one-time password technology, users can open doors remotely without a key. One of the cool but functional features of SALTO KS is the remote access.

Gain activity insights. Receive notifications regarding door and user activity. SaltoKS.com provides a message center that allows users to self-configure messages. For example, learn who entered at what time, or when a door is left open. Messages can be configured to be sent to a number of recipients and to three receiving device types: Email, SMS and App push notifications.

Multiplatform. Manage SALTO KS from any device – phone, tablet, PC – all you need is an online device with an Internet connection.

Security. With SALTO KS App "Code," SALTO KS' one-time password technology, the system makes sure users have proper rights to perform changes.

HOW IT WORKS

SaltoKS.com and Mobile App

IQ

Door Locks

Tag

Your portal to your account, where you can create access groups, manage users and view entries to your properties from your computer or mobile devices.

The IQ is the hub of the SALTO KS solution.

Finds the best connectivity to communicate with SALTO KS locks and SALTO KS apps.

The SALTO cylinder and escutcheon are specially designed to fit different profile doors, even narrow profile framed doors, and can be applied on exterior doors as well. SALTO offers a wide range of finishes to choose from.

An RFID tag that makes keys a thing of the past.

The tag triggers the lock to engage within seconds so visitors or employees can enter easily and according to access rights.

KSconnect

CLOUD SERVICE

SALTO KS CONNECT

CLOUD CONNECTED SERVICE PLATFORM

SALTO KS Connect offers a platform where future partners can find integrated cloud-based software and services.

SALTO has developed an ecosystem of cloud applications where future partners and services can be integrated. The result is a world of possibilities for service and hardware integration.
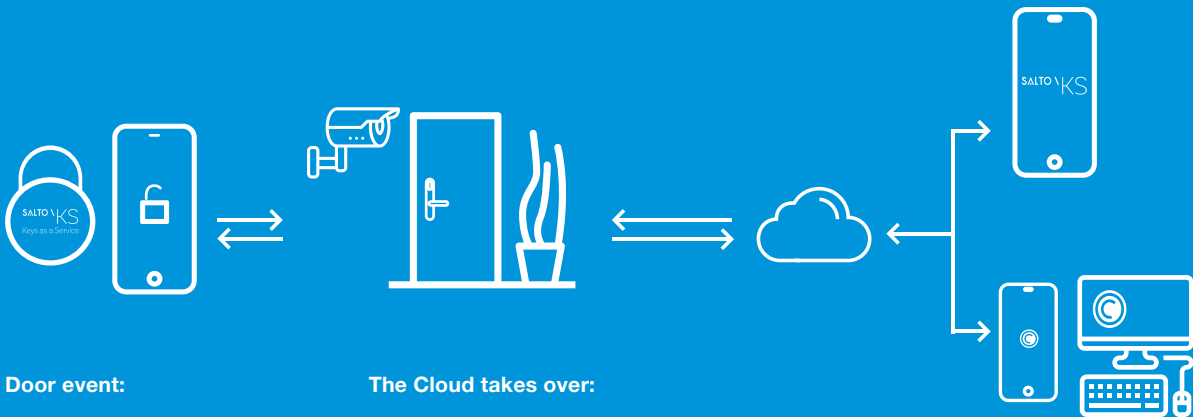
KS Connect allows SALTO KS customers to have integrations with existing software to run their business with ease. KS Connect enables third-party software and service providers to enrich offerings with smart lock functionality, as well as enhance the SALTO KS value proposition.

CAMERAMANAGER

Eagle Eye CameraManager is built for the cloud, providing reliability and redundancy. It's ideal for servicing multiple locations and provides access to live and recorded video, from one or more locations, with a single login. Eagle Eye CameraManager is also fully integrated into SALTO KS applications.

- **Easy set-up**: Add cameras in two steps.
- **Scheduling:** Record when needed.
- **Notifications:** Know what's up.
- **Live Streaming:** See who's in front of the door.
- **Event Recordings:** Look back in time.

HOW IT WORKS

Door event:

Any event happening with a door - a door opening, for example - which has previously been linked to a camera will be reported.

The Cloud takes over:

The SALTO KS Event - for example, Samuel has opened the Main Door at 1.34 pm via Remote - is stored in the cloud with video.

SALTO KS App
With integrated video stream and event view.

CameraManager Apps
Show door events, motion detection, and sound detection.

XS4 ELECTRONIC ESCUTCHEONS

Smart, secure, innovative and easy to install, the XS4 electronic escutcheon sets need no hardwiring and provide a totally wire-free networked electronic locking solution with a great range of features.

XS4 ANSI | XS4 Ax60 ORIGINAL

The XS4 Original wide body version for ANSI mortise locks is specially designed to be compatible with most ANSI mortise locks and tubular latches. It is specially designed for use on busy, high traffic doors that need additional strength.
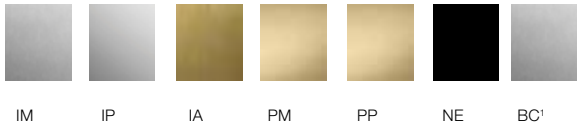

TECHNICAL CHARACTERISTICS:

- Covers door thicknesses: From 32-47mm (1-⅜"-1³/₄") up to 105-120 mm (4⅛"- 4¾").
- Dimensions: 290mm (11²⁷/₆₄") x 67mm (2⅝") x 20mm (²⁵/₃₂").
- Clutch mechanism escutcheon; when unlocked handle moves freely.
- Handle rotation: 52°.
- Distance from the handle to the cylinder: 61mm (2¹³/₃₂"), 62mm (2⁷/₁₆") and 63mm (2½").
- Compatible with ANSI standard mortise, tubular or latch mortise locks, mortise cylinders or mechanical override.

READER COLOR:

FINISH:

IM	IP	IA	PM	PP	NE	BC¹

TECHNOLOGY PLATFORMS:

SALTO SPACE: SVN, wireless, RFID, SALLIS

SALTO KS

XS4 ANSI KEYPAD | XS4 Ax60K ORIGINAL WITH KEYPAD

The SALTO XS4 ANSI electronic lock with keypad, designed to be compatible with most ANSI mortise locks and tubular latches, increases security and control as it offers the choice of three forms of authentication to grant access.
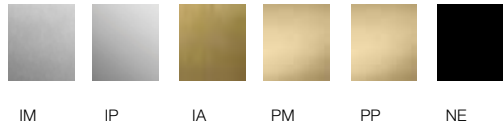

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READER COLOR:

FINISH:

IM	IP	IA	PM	PP	NE

TECHNOLOGY PLATFORMS:

SALTO SPACE: SVN, wireless, RFID, SALLIS

(*) With SALTO LA1T lock case
(**) External escutcheon.

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ÆLEMENT

Ælement Fusion is an electronic lock with a sleek reader accentuated by an interactive light ring that illuminates when access credentials are presented, providing a minimalistic design that blends with any hotel décor.

ÆLEMENT FUSION | **AFx2** *ÆLEMENT FUSION - ANSI*

The Ælement Fusion's small, customizable light ring reader offers a discreet electronic lock for any type of building looking to deploy electronic access control with a stylish, yet technologically-advanced solution. SALTO offers a variety of door handles and finishes to complement any door style.
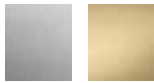

TECHNICAL CHARACTERISTICS:

- Covers door thicknesses: From 1 $\frac{49}{64}$" up to 2 $\frac{3}{64}$".
- Reader dimensions (H x W x D): 1 $\frac{49}{64}$" x 1 $\frac{49}{64}$" x $\frac{5}{16}$".
- Faceplate dimensions (H x W): 5 $\frac{63}{64}$" x 1 $\frac{15}{64}$"
- Handle block mechanism lock.
- Handle rotation: 52°.
- To be used in combination with SALTO LA1T17 mortise lock.
- Square spindles available: 8mm split (SALTO spindles required).

READER COLOR:

BASE FRAME FINISHES:

IM	PM

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN

ÆLEMENT | **AE90** *ÆLEMENT - ANSI*

The AElement ANSI version is specially designed to fit on most ANSI A 156.13 doors. The minimalistic design of the RFID reader looks stylish and discreet on any door. It also offers the choice of a wide range of designer lever handles and finishes.

TECHNICAL CHARACTERISTICS:

- Covers door thicknesses: From 1 $\frac{3}{8}$" - 1 $\frac{49}{64}$" up to 4 $\frac{17}{32}$" - 4 $\frac{59}{64}$".
- Reader dimensions: 2 $\frac{41}{64}$" x 1 $\frac{49}{64}$" x $\frac{43}{64}$".
- Battery pack dimensions (inside): 4 $\frac{9}{16}$" x 1".
- Handle block mechanism lock.
- Handle rotation: 52°.
- To be used in combination with SALTO LA1T17 mortise lock.
- Square spindles: 8mm split (SALTO spindles required) ($\frac{5}{16}$").

READER COLOR:

FINISH:

IM	IP	IA	PM	PP	NE

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN   SALLIS

XS4 MINI
DOOR LOCKS

Stylish design is a SALTO trademark and with the XS4 Mini, we raise the bar on this already high standard thanks to its small, discreet size combined with a modern, clean LED aesthetic.

XS4 MINI FOR CYLINDRICAL LATCH | Cx2x0

The XS4 Mini ANSI for cylindrical or tubular latches has been designed to meet ANSI A156.2 Grade 1 or 2 cylindrical latch requirements. Easy, simple and quick way to replace existing traditional knob sets, and upgrade them with a state of the art electronic access control system with SALTO's cartridge cylindrical latch.
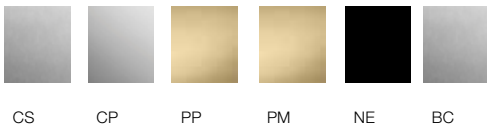

[BHMA] [1]

[1] Grade 1 according to ANSI standards

TECHNICAL CHARACTERISTICS:

- Covers door thicknesses: From 32mm up to 120mm (1 $^{17}/_{64}$" to 4 $^{23}/_{32}$").
- Dimensions: 127mm x 58,5mm x 22,5mm (5" x 2 $^{19}/_{64}$" x $^{57}/_{64}$").
- Non-handed electronic lock.
- Clutch mechanism escutcheon; when unlocked handle moves freely.
- Handle rotation: 60º.
- Clear, dual colour optical signalling indicates access authorisation. Acoustic signal optional.

READER COLOR:

FINISH:

CS	CP	PP	PM	NE	BC

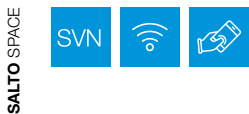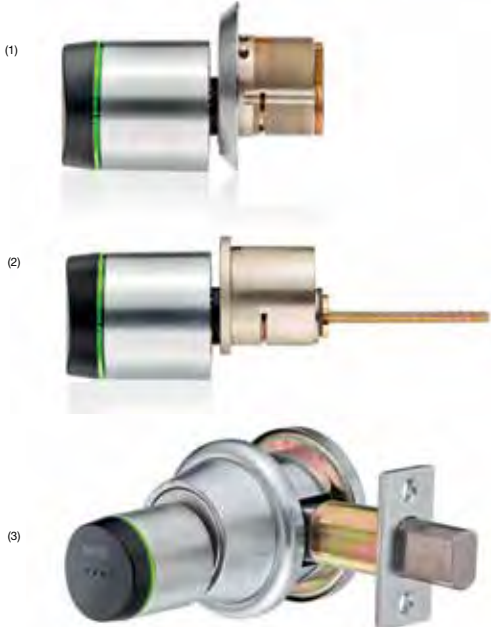### TECHNOLOGY PLATFORMS:

SALTO SPACE

SVN

SALTO GEO ELECTRONIC CYLINDERS

Extensive range of wire-free, stand-alone electronic cylinders designed for doors where fitting an electronic escutcheon is not possible or required (e.g. antique doors).

SALTO GEO ANSI | Gxx ANSI CYLINDER MODELS

The SALTO GEO ANSI standard cylinder range is specially designed to fit on doors where mortise cylinder, RIM cylinder and deadbolt electronic cylinder are required.

(1)

(2)

(3)

IP 55   IP 66

TECHNICAL CHARACTERISTICS:

- Available from 29mm to 50mm lengths (from 1 ⅛" to 2").[1]
- Optional ring available for better fitting.[1]
- External cylinder, one knob.[2]
- Ring, backplate and screws included.[2]
- Trim ring with protective sleeve protects the lock from attack through the door and vertical attacks.[3]
- Square corner strike 1⅛" x 2-1⁄4" (29mm x 70mm) with dustbox. [3]

READER COLOR:

FINISH:

| CS | CP | PM | PP | NE | BC |

TECHNOLOGY PLATFORMS:

SALTO SPACE

SVN   SALLIS
(*)

SALTO KS

KSconnect

SALTO GEO PADLOCKS | GXP

The SALTO GEO Electronic Padlock is a versatile locking solution that enables users to benefit from the advantages of electronic access control where previously it was only possible to use a mechanical locking solution.

IP 66

TECHNICAL CHARACTERISTICS:

- Polished chromium finish padlock.
- Shackle made of stainless steel.
- Different shackle lengths available: 30mm, 60mm or 90mm (1 ³⁄₁₆", 2 ⅜" or 3 ⁹⁄₁₆").
- Shackle diameter: 8mm (Only for 48mm body).
- Shackle diameter: 9,5mm (Only for 58mm body).
- Available only in polished chrome finish.
- The batteries can be replaced without cylinder removal.
- Optical signalling through light ring. Dual color green/ red to indicate access authorization. Acoustic signal optional.

READER COLOR:

FINISH:

IP

TECHNOLOGY PLATFORMS:

SALTO SPACE

SVN   SALLIS
(*)

SALTO KS

KSconnect

(*) NFC compatible smartphones only.

WALL READERS

SALTO offers a wide range of wall readers that, in combination with SALTO Door Controllers, enable the expansion of SALTO access control benefits to doors where a stand-alone electronic lock cannot be fitted, i.e. barriers, elevators, sliding doors or electronic gates, where control must be boosted by online real-time access control.

XS4 WALL READER 2.0 WITH KEYPAD | WRDB0A_K

The SALTO XS4 Wall Reader 2.0 with keypad incorporates the cutting-edge design standard of the XS4 2.0 product range in this technological powerhouse. This product allows for the additional use of a Personal Identification Number (PIN) keypad option, increasing the security by using a double authentication and more enhanced opening modes.

Specially designed to fit ANSI standard electric boxes.

IP 66

TECHNICAL CHARACTERISTICS:

- To be used in combination with XS4 2.0 controllers (CU42xxx).
- Connection to the door controller: 4 wires.
- Designed to work with an online SVN access control platform, or with a stand-alone system.
- Maximum distance between the door controller and the wall reader 400m[1] (1,300 ft) using a twisted pair cable.
- Includes tamper to monitor if the wall reader has been opened.
- Reading distance from 35 to 50mm depending on the RFID technology (1 ⅜" to 1 ³¹/₃₂").

READER COLOR:

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN

XS4 WALL READER 2.0 MULLION | WRDBE_K

The SALTO slim XS4 Wall Reader 2.0 for flush mounting has been specially designed to fit lifts, sliding doors or electronic gate doors that have a narrow profile frame, and where there is insufficient space to install a standard wall reader.

IP 66

TECHNICAL CHARACTERISTICS:

- Compact slim reader module design reader.
- Specially designed for narrow or aluminium profile doors, making the installation quick and easy with minimal impact.
- To be used in combination with XS4 2.0 controllers (CU42xxx) or SALTO KS controllers (CU41xxx) [2].
- Maximum distance between the door controller and the wall reader 400m[1] using a twisted pair cable.
- Modern aesthetic design with green/red and blue clear LED colour optical signal.
- Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
- Reader is housed in a two-piece, weatherproof secure electronics potted enclosure.

READER COLOR:

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN

SALTO KS

[1] Depending on the cable
[2] Depending on the model

XS4 WALL READER MODULAR | WRMB0E

The SALTO XS4 Modular Wall Reader, in combination with the SALTO XS4 2.0 Controller, provides your facility with a complete security solution for any installation - including adverse and harsh environments - thanks to the ability to install it in combination with the antivandalic frame.

IP 66

IK 09

TECHNICAL CHARACTERISTICS:

- To be used in combination with XS4 2.0 controllers.
- Connection to the door controller: 4 wires.
- Designed to work with an online SVN access control platform, or with a stand-alone system.
- Maximum distance between the door controller and the wall reader 400m[1] (1,300 ft) using a twisted pair cable.
- Includes tamper to monitor if the wall reader has been opened.
- Reading distance from 35 to 50mm depending on the RFID technology (1 $\frac{3}{8}$" to 1 $\frac{31}{32}$").

READER COLOR:

TECHNOLOGY PLATFORMS:

SALTO SPACE SVN

XS4 LONG-DISTANCE READER | WRLUD14BXX

The XS4 Long-Distance Reader's compact design is made with an extremely robust die cast aluminum housing and integrated antenna. The WRLUD24Bxx boasts a range of 7m and the WRLUD14Bxx covers 3m. It is a complementary product to the SALTO XS4 Online Controller for real-time identification on the go.

TECHNICAL CHARACTERISTICS:

- Dimensions: 200mm x 175mm x 60mm (7 $\frac{7}{8}$" x 6 $\frac{57}{64}$" x 2 $\frac{23}{64}$") (W x H x D).
- Weight: kg 1.2 kg (2.65 lbs).
- Housing Material: ABS/PC, Al (powder-coated).
- Transmit Power: E.R.P. max. 1 W (configurable).
- Transponder Protocols: ISO18000-6 C (EPC Class1 Gen2)
- Interface: RS485 (deBus Protocol).
- Electrical Connection: M12-Connector with 4 Pins.

READER COLOR:

TECHNOLOGY PLATFORMS:

SALTO SPACE SVN

[1] Depending on the cable

XS4 PANEL READER 2.0 | WRD_P

The SALTO Panel XS4 Reader 2.0 is a based door entry system that works in conjunction with SALTO controllers. Designed to be integrated behind lift panels, door intercoms, electric switches or turnstiles & gates. These models need a window, which is necessary for reader antenna operation.

TECHNICAL CHARACTERISTICS:

• Compact reader module reader.
• Specially designed to be integrated behind lifts panels, door intercoms, electric switches,…
• To be used in combination with XS4 2.0 controllers (CU42xxx) or SALTO KS controllers (CU41xxx) [2].
• Maximum distance between the door controller and the wall reader 400m[1] using a twisted pair cable.
• Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
• Reader is housed in one piece, weatherproof secure electronics potted enclosure.
• Two stickers & labels are available for visible signage.

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN

SALTO KS   KSconnect

XS4 2.0 CU SVN ONLINE | CU42E0

SALTO offers a wide range of door controllers that enable the expansion of SALTO access control benefits. Bring superior access control to your facility, thanks to the ability to control and manage multiple doors through one Ethernet connection and one IP address.
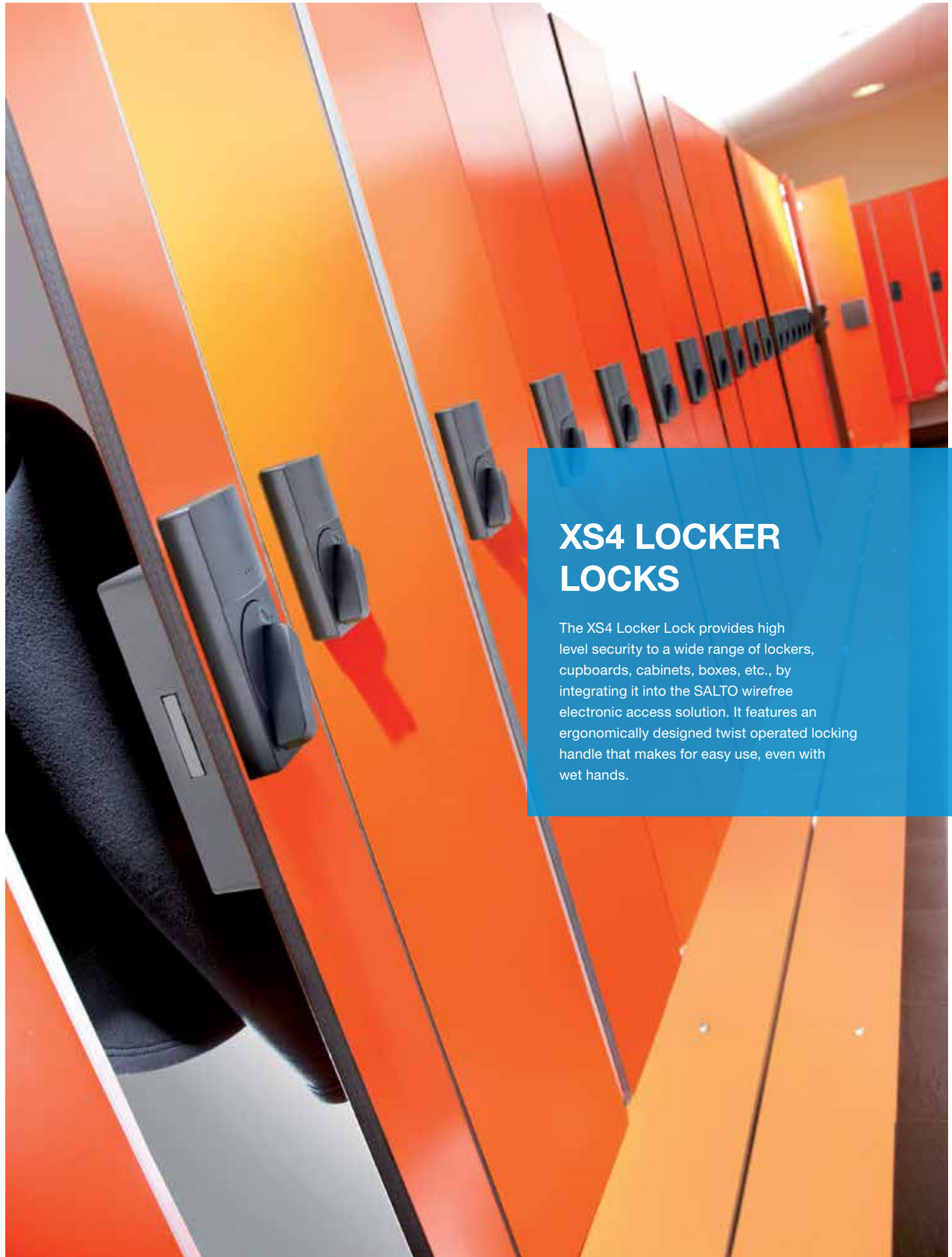
TECHNICAL CHARACTERISTICS:

• Connection to the network through Ethernet connection 100BASET.
• 4 relay outputs.
• 6 inputs to connect to:
    — Door detector, request to exit switch (RTE), office switch, roller blind control, intrusion inhibition.
• 2 tamper inputs (input, switch).
• The maximum cable length between the door controller and the wall reader is up to 400 meters[1] (1,300 ft).
• Connection to the wall reader using 4 wire connection, twisted pair.
• Power consumption: 12V DC 400mA (without XS4 2.0 readers), supplied by an adaptor. POE version to be released.
• Two wall reader connections that can be configured as 2 different doors or one door reader in and reader out locking.
• Can control up to 4 auxiliary XS4 controllers and manage up to 10 doors.

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN

XS4 LOCKER LOCKS

The XS4 Locker Lock provides high level security to a wide range of lockers, cupboards, cabinets, boxes, etc., by integrating it into the SALTO wirefree electronic access solution. It features an ergonomically designed twist operated locking handle that makes for easy use, even with wet hands.

XS4 LOCKER LOCK | LX0

The SALTO XS4 Locker is designed to bring all the advantages of electronic access control to lockers and cabinets. The XS4 Locker is perfect for controlling access to lockers, cupboards, cabinets, boxes and showcases, where access control and full audit trailing are required.

IP
56

TECHNICAL CHARACTERISTICS:

- Simple offline installation is possible on many types of small and thin doors. Door thickness: adaptable on site.
- Inside cover measures: 100mm x 110,5mm x 25mm (3 $^{15}/_{16}$" x 4 $^{11}/_{32}$" x $^{63}/_{64}$").
- Outside escutcheon measurements: 54mm x 105mm x 28mm (2 $^{1}/_{8}$" x 4 $^{9}/_{64}$" x 1 $^{7}/_{64}$"). Deadbolt projection: 15mm ($^{19}/_{32}$").
- Lock with large security deadbolt is built into the locker.
- Ideal for retrofit applications as outside locker lock reader rotates for different door handing and styles.
- No handing selection is needed.
- Easy to maintain: Battery change is all that's needed.
- Outer thumbturn with red/green indicator for availability of the locker; electronically managed release.
- Full access control rights programmed via software.
- Comes with BioCote® antimicrobial technology.

READER COLOR:

TECHNOLOGY PLATFORMS:

SALTO SPACE   SVN

EMERGENCY EXITS

SALTO Advanced panic bar solutions enable emergency exit doors equipped with panic bars to be controlled with an innovative stand-alone electronic locking system. SALTO stand-alone electronic locks can be fitted, in combination with adaptor kits, to more than 40 leading panic bars from the most popular manufacturers.

XS4 PANIC DEVICE | PBF110

The SALTO XS4 PBF110 device is the emergency exit door's highest standard for security, with enhanced safety performance features. It combines the highest safety along with ease of use and installation. SALTO XS4 PBF110 series exit devices are UL listed for Panic Hardware and Fire Exit Hardware, and are certified according to ANSI A156.3, 2001, Grade 1.

TECHNICAL CHARACTERISTICS:

- RIM panic device.
- Latch deadlocking.
- Steel case.
- Can be used with an exterior trim.
- Finishes: Satin stainless steel ANSI/BHMA 630, US32D.
- To be installed in combination with Ai650m00ffH8 / Ai660m00ffH8 + KPB03xx.
- Latch bolt: Stainless steel 19 mm (3/4") throw.
- Non-handed device.
- Maximum wing width: 1300mm (51-3/16).

BAR FINISHES:

IM

TECHNOLOGY PLATFORMS:

SALTO SPACE | SVN | SALLIS

SALTO KS

XS4 PANIC BAR ADAPTOR KIT | KPBS

The XS4 SALTO KPBs (Kit Panic Bars) make it possible to fit stand-alone electronic escutcheons in combination with existing panic bars. SALTO has developed a wide range of KPBs that are compatible with the most popular panic bars on the market.

TECHNICAL CHARACTERISTICS:

- KPB covers made of stainless steel.
- Customized fixing systems depending on the panic bar to be adapted.
- Compatible with some concealed vertical rod panic bars.

KPB FINISHES:

IM   IP

TECHNOLOGY PLATFORMS:

SALTO SPACE | SVN | SALLIS

SALTO KS

BUILD YOUR OWN DOOR
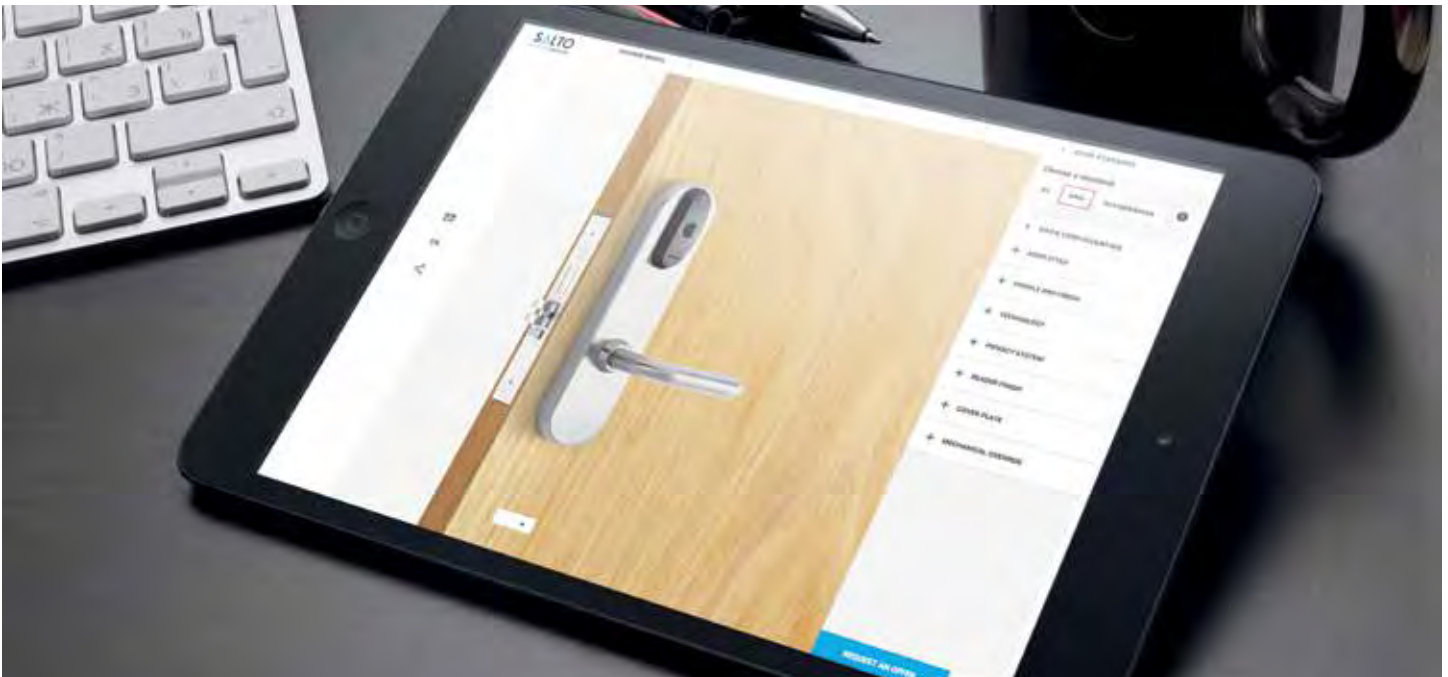
CUSTOMIZE YOUR ELECTRONIC DOOR LOCK

Select an electronic lock model, door type and customize your SALTO door lock with a range of colours, finishes and handle options.

This innovative tool will allow for complete visualization and customization of the locking solutions chosen by the user. By accessing the web page, the user is able to select the door lock model online to configure and create a customized door by personalizing everything.

SALTO continues to innovate by launching a unique tool for the access control industry.
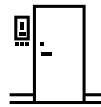
https://mylock.saltosystems.com

CHOOSE YOUR ELECTRONIC LOCK MODEL:

Choose your favorite electronic lock model (ANSI, Euro or Scandinavian standards) to create your customized door and personalize everything.

CHOOSE YOUR DOOR TYPE AND SELECT A HANDLE DESIGN:

Choose a door type, finish, handle design and lockset finish that match your door.

DOWNLOAD AND SAVE YOUR SETTINGS:

Once the door configuration is complete, you can store and compare it against previously-configured door lock models or save it as a PDF.

CONTACT US:

Send us your selection, ask us a question or just contact us for a demo.

The access control company you can rely on.
www.salto.us

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