
SALTO NEO CYLINDER

Developed from a deep understanding of access control market and user needs, SALTO Neo's easy-to-use, rectangular profile design integrates all of your physical security needs.

More features, all-new design, smartest technology.

saltoneo.saltosystems.com/

SALTO
inspired access



esslockingsystems.com

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SALTO NEO



THE MOST EFFICIENT, SECURE, AND CONVENIENT WAY OF SECURING YOUR BUILDING AND ASSETS.

The compact SALTO Neo Cylinder is designed for doors where fitting an electronic escutcheon is not possible or required and can be installed on standard doors, server racks, gates, cabinets, electric switches, sliding doors, and more. It's available in an extensive range of models to suit almost any kind of door across the globe – from Europe to Scandinavia, ASIA to the Americas, and Australia.

SALTO Neo Cylinder technology allows us to introduce customers, systems operators, and installers to new experiences and to connect keyless access. The SALTO Neo Cylinder has more functionality and performance capability, allowing businesses to connect to their on premises network via advanced SVN technology or the cloud with the SALTO KS cloud-hosted access management platform.

For any building, function, or model, SALTO offers the perfect electronic cylinder to fit any door. The SALTO Neo Cylinder delivers an easy-to-use electronic locking platform that integrates all of the physical security needs through smart, wireless, and battery-operated smart cylinders, giving system operators all the latest user access information for virtually all of the doors in a facility.

Manage the security of your site 24/7 easily with an advanced, reliable electronic locking technology that meets all of the security requirements and more. Ensure facility security and accessibility to efficiently manage your building while providing a better user keyless and mobile experience.



LIFECYCLE SAVING

Tested **up to 110,000 operations** on a standard set of batteries (4 x LR1).



TECHNOLOGY AND DESIGN

Aesthetic rectangular profile knob design **compatible with every market standard** and function models.

Compatible with **SALTO SPACE – Data-on-Card– and the SALTO KS – Keys as a Service – cloud-based technology**, it can be switched to any of SALTO’s technology platforms at any time without changing the hardware.



SMART KEY

Easy-to-use and highly secure keyless technology provides instant and reliable access to any door. Combine the advantages of **RFID, BLE (Bluetooth Low Energy) and NFC technologies**. End users can easily operate the cylinder with their smart card or with their iPhones or Android phones.



TESTED AND APPROVED

IP66 certification: Waterproof performance and high durability.

Fire resistance: Successfully tested up to 1 hour on fire door in accordance with EN 1634-1 E120 - EI90 - EI60

Tested against extreme temperatures: Including freezing conditions (-20°C) and high heat (+55°C).



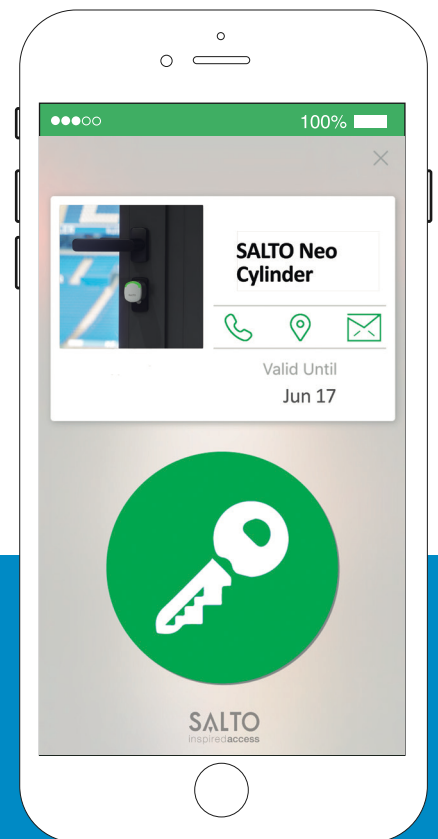
DIGITAL KEY TECHNOLOGY

CONVENIENT & SECURE MOBILE KEY TECHNOLOGY INSIDE

SALTO JustIN Mobile technology is onboard every SALTO Neo cylinder. This gives users and system administrators the capability to send or receive a mobile key to open any door or gate with an installed SALTO Neo Cylinder with their iOS or Android Bluetooth or NFC-enabled smartphone.

Mobile access control solutions provide users with a keyless experience they value because it gives them instant and remote accessibility without sacrificing security or comfort. Using smart keys and mobile technology with the SALTO Neo Cylinder allows users to manage access rights – quickly and keylessly – which is more secure than using mechanical keys. There is also additional value in the flexibility, convenience, and operational efficiency by enabling distributed security wirelessly in any type of building and technology application.

This adds incredible convenience and efficiency for end users in the field which is where a SALTO Neo Cylinder would most likely be used. JustIN mobile app capability and mobile keys are available for both the on-prem system SALTO SPACE - Data-on-Card -, as well as the SALTO KS - Keys as a Service - cloud-based access control platform.



MOBILE APP:



DIGITAL KEY

Increase flexibility and improve security. Easy, efficient, and intuitive automated key delivery.



BLE & NFC

Proven mobile and secure technology to create unique keyless experience anytime, from anywhere, and on any device.



SMARTER ACCESS

Send or receive a mobile digital key to open any door. Issue, cancel, and restrict keys to specific times and locations.

Incorporating mobile access into building security ecosystems without jeopardizing security is essential to maintaining safety. Technologically cutting-edge, SALTO's Mobile Key technology means the end of lost key hassles, expense, and waste:

- Up-to-date access rights directly into the user's smartphone
- Dynamic user key management
- Automatic key renewal and cancellation
- User key instant cancellation
- Update the lock's blacklist via a mobile phone

CORE TECHNOLOGIES

SVN

Take data-on-card even further

Easy-to-use technology that integrates all physical security needs through networked, stand-alone, battery-operated smart electronic cylinders.

Efficiently use the natural movements of different groups of users within and across the individual areas of the facility to update the door network.

Based on SALTO's BLUEnet wireless communications technology and SVN core technology, SVN-Flex extends and increases the number of updating points directly to any cylinder in a building.

BLUEnet Wireless

Take advantage of the same secure infrastructure

SALTO BLUEnet Wireless generation was developed to meet the highest demands related to security, connectivity, and cross-platform capabilities and has now been successfully extended to the SALTO Neo Cylinder product range.

Provides administrators with the real-time view of every Neo Cylinder equipped door with available reports and log files of each individual access point deployment, the ability to control remotely, firmware update capability, remote opening, emergency opening, lockdown capability and the ability to easily control all access and building user management needs.

JustIN Mobile

Open smarter with mobile key

The SALTO Neo Cylinder is JustIN Mobile compatible which means that any user can use a smartphone (IOS or Android) to operate the lock.

Adding JustIN mobile functionality to an electronic cylinder means adding more features that can be conducted over the phone network, like: updating credentials; blacklist transmission; automatic audit trail collection; and automatic battery status collection.



DATA-ON-CARD

SALTO SPACE

The SALTO Neo Cylinder offers value far beyond security. Of course, upgrading a mechanical door to electronic access control enhances security, but the SALTO Neo Cylinder provides greater control of the door by offering end users mobile keyless access to any access point and wireless access to audit trails, reports, alerts, and user access rights updating with the latest SVN-Flex access control technology.



EASY RETROFITTING

These solutions make smart electronic access control to any door possible.

Easy to install and retrofit, the SALTO Neo universally compatible cylinder replaces your existing cylinder and fits any door with unlimited models options. It offers an extensive range of wire-free, stand-alone electronic cylinders designed for standard doors where fitting a conventional electronic lock is not possible or required. Installation takes less than 5 minutes – and is done without screws or drilling.

The SALTO Neo Cylinder range offers limitless choices to customize your door and for best retrofitting. SALTO Neo Cylinder standard finishes meet most project needs and provide a great match for most existing doors. Plus, black and white reader finish choices mean you can offer a truly unique cylinder for any project.

KEYLESS ACCESS

Complete mobile-compatible and keyless entry electronic cylinder.

Developed from a deep understanding of access control market and user needs, the SALTO Neo Cylinder makes it easy and secure to incorporate smartphones – combined with physical keycards, fobs, or wearables – into your access control solution.

Using smart keys and mobile technology with the SALTO Neo Cylinder allows users to manage access rights – quickly and keylessly – which is more secure than using mechanical keys. Programming a new key for a user, adjusting access rights, or removing a lost key from the system can be done quickly, easily, and cost-effectively. There is also additional value in the flexibility, convenience, and operational efficiency provided by the SALTO Neo Cylinder's keyless SVN smart access technology.



SMART ACCESS TECHNOLOGY

Stand-alone SVN smart electronic cylinder with RFID, NFC, and Bluetooth technology.

Stand-alone, virtually networked, BLUEnet and wireless electronic cylinder, all working within a single access control technology platform designed for any type of building needs or door type. The SALTO Neo Cylinder adds SALTO SVN-Flex technology, allowing any SALTO Neo Cylinder to read and update card access information wirelessly. This increases the potential, efficiency, and reliability of the SALTO SVN, yielding better security, control, and convenience for users and sites.

SALTO JustIN Mobile technology is on board every cylinder. This gives users and system administrators the capability to send or receive a mobile key to open any door or gate with an installed SALTO Neo Cylinder with an iOS or Android Bluetooth or NFC-enabled smartphone. This adds incredible convenience and efficiency for end users in the field which is where a SALTO Neo Cylinder would most likely be used.



STATE-OF-THE-ART SECURITY

The most efficient, secure, and reliable way of securing your building and assets.

SALTO Neo's easy-to-use, rectangular profile design integrates all of your physical security needs through networked, stand-alone battery-operated wireless smart cylinders, giving you the latest user access information for virtually all of the doors in your facility. The SALTO Neo Cylinder can be installed in any door made of wood, glass, or metal and is also suitable for installation in fire doors.

Designed with the latest technologies to protect against advanced attacks, SALTO Neo Cylinder technology leverages industry-leading security practices, including advanced encryption to provide users a secure and seamless keyless experience.

For added protection, user access plans are updated daily, thanks to SVN data-on-card core networked technology. The access rights of stolen or lost keys can be quickly and effectively removed from the system due to SVN-Flex innovation.

With increased drill protection, encapsulated safely inside the tough SALTO Neo Cylinder exterior is the absolute latest in electronic lock technology for enhanced security. The SALTO Neo Cylinder – along with all SALTO solutions – is routinely tested to ensure it meets the highest standards set by the security industry.

KEYS AS A SERVICE

SALTO KS

The SALTO Neo Cylinder offers value far beyond security. Of course, upgrading a mechanical door to electronic access control enhances security, but the SALTO Neo Cylinder provides greater control of the door. It offers end users mobile keyless access to any access point and wireless access to instant key cancellation, remote opening, audit trails, reports, and alerts - delivering system administration operations that are simple, secure, and in real-time.

CLOUD TECHNOLOGY

No software installation, nor the cost of fully-wired electronic access control, providing vastly better functionality and performance than is possible in a traditional mechanical solution.

SALTO KS cloud technology along with the SALTO Neo Cylinder delivers security with more simplicity, greater value, faster responses, and a better user experience. This means it is now possible to remotely monitor every access point from anywhere at any time on any device which offers greater control and flexibility. With SALTO KS and the SALTO Neo Cylinder, there's no need to replace or update the cylinder if keys are lost or stolen. Simply block the tags or user access and assign new ones instantly.

Have full control of all access functions and features over the web app from anywhere, there is no need to worry about backups, maintenance, or physical on-premise server needs. And, while on-the-go, use the mobile app for keeping track of events, remotely unlocking an electronic cylinder, and blocking user access. In addition, a cloud-based service is much simpler to integrate with other cloud services systems than an on-premise solution.



EASY TO INSTALL & COMPATIBLE WITH YOUR DOOR

Designed for doors where fitting an electronic lock is not possible or required.

Easy to install and retrofit, the SALTO Neo universally compatible cylinder replaces your existing cylinder and fits any door with unlimited model options. It offers an extensive range of wire-free, stand-alone electronic cylinders designed for standard doors where fitting a conventional electronic lock is not possible or required. Installation takes less than 5 minutes – and is done without screws or drilling.

The SALTO Neo Cylinder range offers limitless choices to customize your door and retrofitting. SALTO Neo cylinder standard finishes meet most project needs and provide a great match for existing doors. Plus, black and white reader finish choices mean you can offer a truly unique cylinder for any working space or business access project.

SECURITY AND ACTIVITY INSIGHTS

You can keep track of who goes where and when. You can even set notifications for specific events so you're always up to date.

Designed with the latest technologies to protect against advanced attacks, the SALTO Neo Cylinder leverages industry-leading security practices, including advanced encryption, to provide users a secure and seamless keyless experience.

With increased drill protection encapsulated safely inside the tough SALTO Neo Cylinder exterior is the absolute latest in electronic lock technology for enhanced security. The SALTO Neo Cylinder – along with all SALTO solutions – is routinely tested to ensure it meets the highest standards set by the security industry.



ACCESS MADE EASY AND SECURE

Say goodbye to mechanical keys!

Collect all user access rights on a single, smart RFID tag, send and receive mobile keys, or open doors from any distance.

With SALTO KS and the SALTO Neo Cylinder, your users can say goodbye to mechanical keys and collect all access rights on a single smart tag or smartphone, which can be added as a guest to multiple systems, as well. There's no need to make copies or replace the lock if the keys are lost or stolen. Mobile keys and tags have never been more secure!

SALTO NEO CYLINDER
SPECS



TECHNICAL DATA:

Housing dimensions:	39mm x 47mm x 22,3mm
IP class:	Indoor version. Outdoor version IP66 (optional).
Certifications:	CE, FCC/IC, RCM, MIC, VdS BZ+, SKG***, EN 15684, EN 1634-1 - E120 - EI90 - EI60
Body length:	30/10, special lengths with 5mm increments each side possible.
Power source:	4 LR1 alkaline batteries.
Number of openings:	Up to 130.000 operations.
Maximum events on lock audit:	Up to 2.200 ¹ (non-volatile memory).
Environmental conditions: (without condensation)	-20°C / +55°C

ID TECHNOLOGIES:

MIFARE:*	•
BLE Smart:	•
NFC:	•
Legic:**	—
HID iCLASS® Seos:	•
Picopass:	—
i-Button:	—

* MIFARE® (DESFire EV2, Plus, Ultralight C, Classic - ISO/IEC 14443)

** Legic Prime and Legic Advant

TECHNOLOGY PLATFORMS:**SALTO SPACE:**

Smile - Selfprogrammable:	—
ROM:	—
SVN data-on-card:	•
SALTO Wireless RFnet enabled:	—
SALTO Wireless BLUEnet enabled:	•

SALTO KS:

SALTO KS:	•
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SALTO SALLIS:

SALLIS:	—
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OPENING MODES:

Standard:	•
Office mode:	•
Timed office:	•
Automatic opening:	•
Automatic opening + office:	•
Toggle:	•
Timed Toggle:	•
Amok mode:	—
Exit leaves open mode:	—

OPTIONS:**READER COLOR:**

Black:	•
White:	•

FINISHES:

Satin chrome:	•
Polished chrome:	•
PVD bright brass:	•
PVD satin brass:	•
Satin chrome black:	•
BioCote® (Satin chrome):	•

¹ depending on the programming mode

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SKS-ENG-RET-03-20

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