SALTO NEO CYLINDER

ELECTRONIC CYLINDER

USER MANUAL

Intended for SALTO NEO CYLINDER

CONTENT

1. Overview

The SALTO Neo Cylinder offers value far beyond security, however. Of course, upgrading a mechanical door to electronic access control enhances security, but the SALTO Neo Cylinder provides greater control over the door by offering end users access to audit trails, reports, alerts and so much more wirelessly.

An easy to use rectangular profile design body electronic cylinder that integrates all your physical security needs through networked, stand-alone battery operated wireless smart cylinders, giving you all the latest users' access information for virtually all of the doors in your facility.

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 – from Europe to Scandinavian countries, from ASIA to the Americas and to Australia and New Zealand.

2. Product presentation

- **SALTO NEO CYLINDER is compatible with SALTO SPACE and SALTO KS.**

The same hardware (unique reference) can be initialize within SALTO SPACE or SALTO KS. For SPACE you just need to initialize through PPD, and for SALTO KS, as you normally enrol a SALTO KS lock or though Larry 2 commissioning.

- **Cylinder with fully mobile capability**

First cylinder enabling technology 100% mobile technology compatible (works on iPHONE and ANDROID).

- JustIN Mobile NFC compatible (SPACE platform ANDROID only)
- JustIN Mobile BLE compatible (compatible with SPACE and SALTO KS platforms ANDROID and IOS)
- Benefits of JustIN Mobile technology
  - Update credentials over the phone network
  - Blacklist transmission over the phone network
  - Automatic audit trail collection over the phone network
  - Automatic battery status collection over the phone network

Online features without any infrastructure needed.

- **BLUEnet ready**

This cylinder can be switched onto a BLUEnet wireless online device at any time without changing the hardware.

Online in real-time features in SPACE platform:

- Who accessed the door
- The battery status
- Blacklist release
- Remote openings
- Enable lockdown mode
- Emergency open mode
- Remote cylinder set up changes
- Remote firmware updates
- Periodic update of the clock

- **SVN-Flex updater ready**

SALTO Neo cylinder will able to enable to benefits of SVN-Flex capability and increase the potential, the efficiency and reliability of the SALTO Virtual Network, increasing the security, the control and the convenience for users and sites and also reducing even more the costs of installation just by updating any user card.

- **SVN-Flex updater ready - next information**

HOW IT WORKS

User key transmits to electronic lock / reader:
- Deleted cards list
- User access rights

Electronic lock / reader transmits to user key:
- Access event
- Battery status

User key transmits to the system via SVN:
- User access event
- Visited door battery status
- Deleted cards list
- User access rights
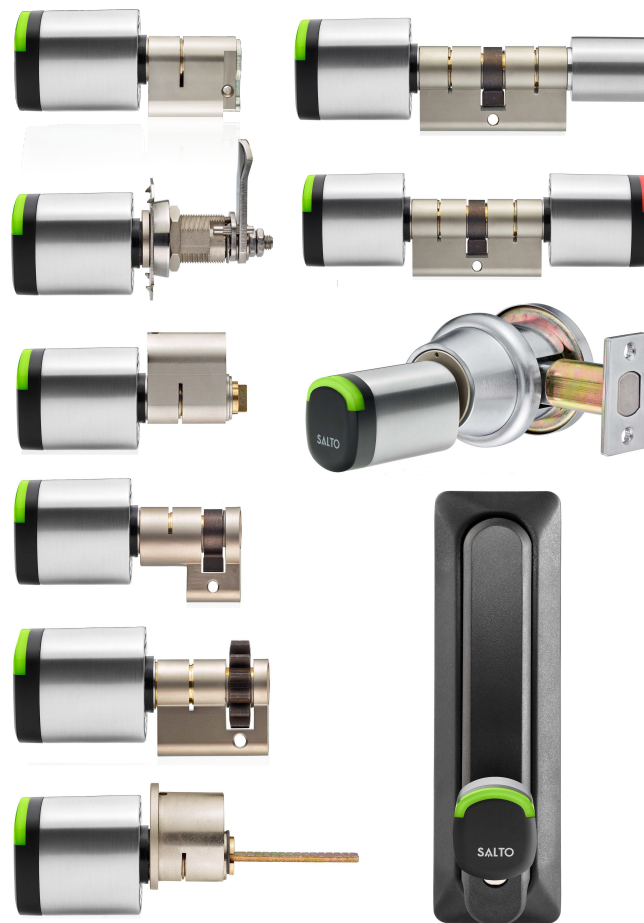
Electronic lock / reader transmits to card / user key:
- Deleted card list
- Updated user access rights
- Expiry date renovation

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

- **Available for any door any standard**

SALTO Neo cylinder is available in an extensive range of models in order to suit almost any kind of door from Europe to ASIA passing through Americas, and also any kind of solution as, swing handles, switches,…

- **Outdoor proof**

  SALTO Neo cylinder is available in 2 different versions, one of them new design ensure that Neo is ready to resist the most humid and harshest scenarios.

- One model for indoor use only
- One model for outdoor use
  - o New concept of knob that isolates more the electronics
  - o New water gasket
  - o Fully IP66 (Knob and body)

- **More performing than ever**

130 000 cycles with one set of batteries (4 standard Alkaline batteries). New redesigned clutch system that makes an efficient use of the energy reducing the consumption to the levels never expected .

SALTO just warrantee the correct and best autonomy with Alkaline LR1 Energivm-batteries (SP01926-5).

\130 000 cycles with one set of batteries

- **Stronger than ever**

The new SALTO Neo offers 2 models with a higher mechanical security.

- SKG***
- VDS

Those 2 models has special:

- Tungsten anti drilling plates
- Rollerballs and anti-drilling system
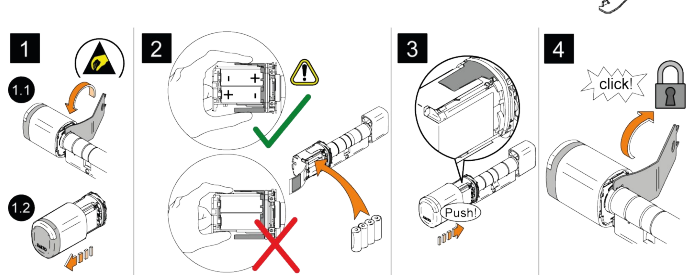- Are for outdoor use by default (IP66)

2.1 Certifications

The new SALTO Neo cylinders is fully certified in order to:

- CE
- FCC
- MIT
- EN 15684
- EN1634-1 Fire Resistance (90 minutes on wooden door)
- EN1634-1 Fire Resistance (120 minutes on metal door)
- UL10C (180 minutes on metal door)

3. Battery change

SP225542

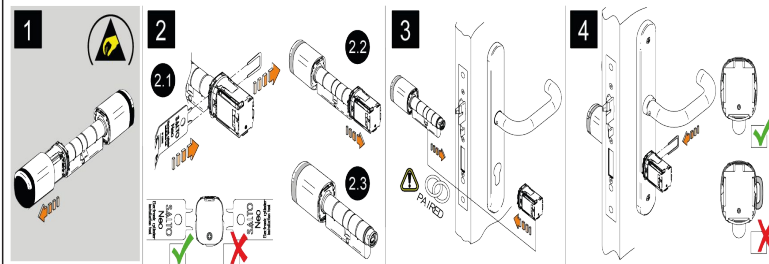**Battery changes has to be done in dry conditions**

Battery change - Consideration
- Use always SP225542 original tool.
- Make sure that the batteries used are Alkaline LR1 Energivm-batteries (SP01926-5) from SALTO to warrantee the correct autonomy.
- Make sure that the polarity is the correct one.
- When putting back the cover make sure that the LED are on the top to put it on the correct position.
- Do not forget to lock the cover when finished.
- **Update the cylinder with the PPD in case it is an offline cylinder to update the internal clock and update the latest changes.**

SP225542

3. Battery change - next

- Remove the knob for specific applications
  - Double knob cylinders, door with protection roses, Switches, etc

Assembly has to be done in dry conditions.

4. Remove the knob for specific applications

- Remove the knob for specific applications - Consideration
    - o **Use always SP225542 original tool.**
   - o Pay attention to the direction of the clip as it is not symmetric.
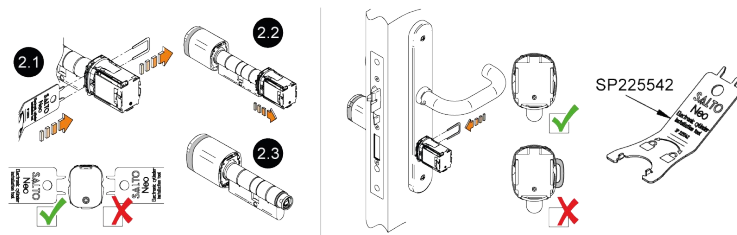
- o Make sure that the Knob is properly installed back.
- o When putting back the cover make sure that the LED are on the top to put it on the correct position.
- o Do not forget to lock the cover when finished.
- o **Update the cylinder with the PPD in case it is an offline cylinder to update the internal clock and update the latest changes**

Always leave the recommended distance between the door and the cylinder body in order not to interfere on the knob mechanisms.
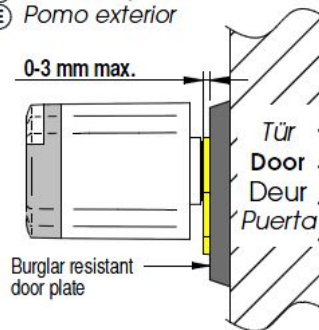
5. SPACE setup

SPACE setup

- Opening modes
    - Standard
    - Office mode (keep card for office -by presenting the card and hold it for 5 seconds)
    - Timmed office
    - Toggle
    - Timed Toggle
    - Automatic opening
    - Automatic opening + Office
    - Automatic opening + Toggle
    - Automatic changes
    ....
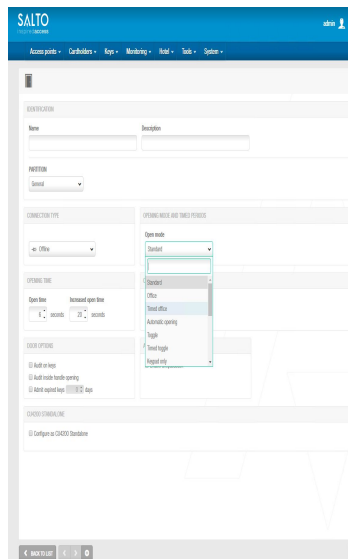
SPACE setup - Office mode

Keep card for office - by presenting the card and hold it for 5 seconds.

6. Wireless BLUEnet set up

Select connection type - Online BLUEnet

6. Wireless BLUEnet set up - next-

Configuration

6. Wireless BLUEnet set up - next

Connect to its BLUEnet node

6. Wireless BLUEnet set up - next

Wireless BLUEnet set up - subject to SPACE-OPT-0033 SALTO Wireless BLUEnet

SVN-Flex updater

7. SALTO KS setup

Setup through the device ID Device ID
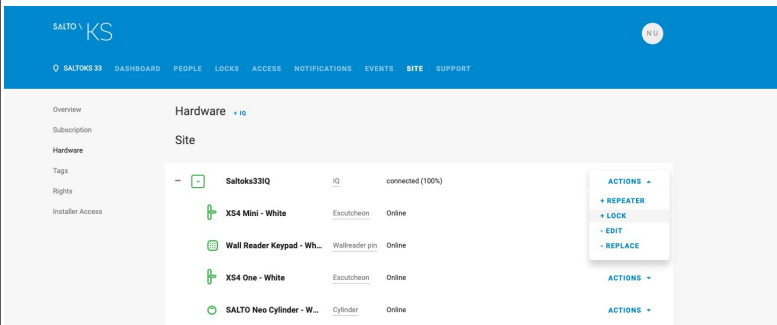
Add a lock

This lock will be attached to **Saltoks33IQ** (IQ)

Lock name
SALTO Neo

MAC address or Device ID
01 F1 3E 01 00 00 30

CANCEL   NEXT

- SALTO KS opening modes
  - Standard
  - Keep card for office mode
    - ➤ Standard
    - ➤ With time restrictions for the user

SALTO Neo Cylinder - White

Online   Fresh battery   MAC 01522401000089

Lock name
SALTO Neo Cylinder - White

Easy Office Mode
☑ Enable

ALWAYS

Select date(s)
Start date
2020-02-24   ☐ End date

Days - Please select at least one day
SU MO TU WE TH FR SA
ALL

Select timeframe
From   To
09:00   17:00   24H

CANCEL   SAVE

8. References

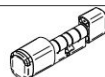| Model NxE2x	SALTO NEO Euro profile electronic cylinder Standard cylinder, one knob, one thumbturn (Can be initialized in SALTO SPACE or SALTO KS)

Technology	Model	Knob type	Outside length	Thumbturn	Inside length	Finish	Cams	Certification	Water resistance
NB [1] BLE DESFire Mifare	E2	1 Removable Knob	30 35 40 45 50 55 60 65 : : 1C (110mm.) 1D (115mm.) 1E (120mm.) 1F (125mm.) 1G (130mm.) 1H (135mm.) 1I (140mm.) 1J (145mm.) 1K (150mm.)	S Standard R* Round	10 15 20 25 30 35 40 45 : : 1C (110mm.) 1D (115mm.) 1E (120mm.) 1F (125mm.) 1G (130mm.) 1H (135mm.) 1I (140mm.) 1J (145mm.) 1K (150mm.)	CSB CPB PPB* PMB* BCB BioCote* NEB* CSW CPW PPW* PMW*	D K M‡ For spanish metal door. G Z	- No Certification G* SKG*** (IP66) V* VDS Bz+ (IP66)	- For indoor use R* For outdoor use IP66
NJ [1] BLE HID iCLASS Seos									

The leader in door access control systems
www.acssolution.cz

ACS Solution

Richard ANDRES	Zbyněk POCHMANN manažer obchodu
V Horkách 1730/3 140 00 Praha 4 Česká Republika	tel. +420 773 833 388 email: andres@acssolution.cz www.acssolution.cz

| Kočova 514 / 20
181 00 Praha 8
Česká Republika | tel. +420 776 784 744
email: pochmann@acssolution.cz
www.acssolution.cz |