SALTO KS

Keys as a Service

SALTO KS is the straightforward, scalable and flexible cloud-based smart access solution that fits your business' needs today and tomorrow with best-in-class real-time capabilities for access control systems.

Bring proven reliability and recognised stability into your business, providing higher functionality and performance than is possible with a traditional mechanical key access solution. SALTO KS cloud-based access control is a flexible solution that requires no software installation with remote management capabilities and endless integration possibilities. All you need is a SALTO wireless smart door lock, an IQ, and an online device with an Internet connection.

SALTO KS smart access offers multiple ways of opening doors, including with a digital key. It supports a wide range of keyless methods to improve the user experience and safety for any building type and delivers advanced security features on a fully remote, wireless cloud-based management platform.

Main features & benefits

Have full control of all functions and features from the web app or use the mobile app to keep track of events, remotely unlock, or block users on-the-go, with all doors, users, and locations managed from a single place. Enjoy flexibility, scalability, interoperability with other system applications and reliability and manage access from anywhere at any time.

Being cloud-based, SALTO KS access control scales alongside your business with ease, eliminating the extra man-hours or costs for rewiring. Achieve a greater level in security, scalability, flexibility, interoperability, and cost-efficiency with SALTO KS.

9:41

Digitial Key active
Tap the reader of the lock with this phone.

SALTO

Always up-to-date from anywhere in real-time

SALTO KS cloud technology 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 – offering greater control and flexibility.

Have full control of all access functions and features from the web app – from anywhere. There is no need to worry about backups, maintenance, or physical on-premise server needs. While on-the-go, use the mobile app to keep track of events, remotely unlock doors and block user access.
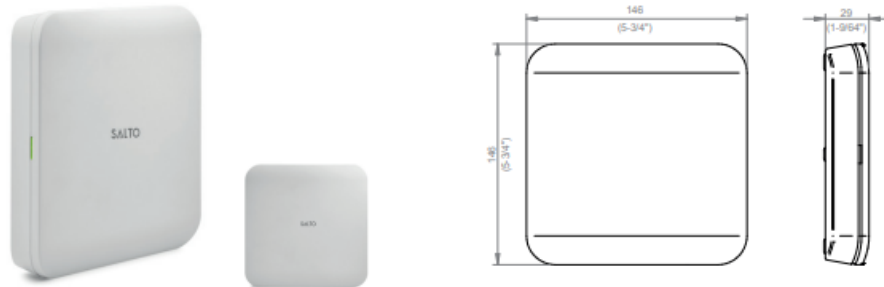
Analyze valuable data and activity insights

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.

With SALTO KS, there's no need to replace or update the smart door lock in case your tag gets stolen. Simply block the tags or user access and assign new ones – instantly from any device.

Model SALTO KS IQ 2.0

MAIN FEATURES:

MAIN FEATURES:
- Fully wireless.
- Connects up to 16 doors per SALTO KS IQ.
- Unlimited SALTO KS IQ's per account.
- Over the Air (OTA) for IQ2 firmware updates.
- POE version available.
- Ethernet available by default.

CONNECTION WITH THE STANDALONE LOCKS:
- Wireless radio frequency based on IEEE 802.15.4 at 2,4Ghz.
- Bluetooth 4.2
- AES 128bits encryption.
- Indoor range 10 meters.

CONNECTION WITH THE CLOUD:
- Plug and play connectivity in +100 countries.
- No data outage risk through best roaming guaranty.
- TLS 1.2. secured communication with the CCC. Communiaction through dedicated APN.
- WIFI 802.11 b/g/n radio
- Connection encrypted through 3DES, AES 128bits WEP WPA.
- AES 128bits encryption.
- Optional 2G, 3G or 4G connectivity if there's no existing Internet connection.
- LED indicator for visual notification.
- USB stick LED for connectivity indicator.

MECHANICAL ASPECTS:
- Dimensions: 146mm x 146mm x 30mm.
- Weight: 0,4218 kg.
- Easy installation can be fixed on a wall.

ENVIRONMENTAL CONDITIONS:
- Temperature: 0 - 40°C
- Humidity:
Not suitable to be installed outdoor

ELECTRONIC ASPECTS:
- Input voltage: 12V
- Max current: 750mA
- Power supply included*
- POE enabled*
  - IEEE 802.3af compliant
  - Max 15.40W also known as 802.3a Type 1.

POWER CONSUMPTION :
- Ethernet Only: 2.4W[1]
- Ethernet + POE: 2.9W[1]
- Ethernet + WiFi: 3.61W[1]

Added max power consumption for the M2M module: 2.5W.
So the maximum power consumption for a full variant (non-POE) is 6.11W. The maximum power consumption for a full variant supplied by POE is 6.61W.

CERTIFICATIONS:
- Declaration of Conformity CE
  Use of radio frequency spectrum
  - ETSI EN 302 291-1 V1.1.1 (2005-07)
  - ETSI EN 302 291-2 V1.1.1 (2005-07)
  Electromagnetic Compatibility
  - ETSI EN 301 489-1 (2011-09)
  - ETSI EN 301 489-3 (2002-08)
  Security requirements
  - EN 60950-1 (2007)
  - Following the provisions of the directive
  Mechanical certifications against vandalism & fire.

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* available in an specific reference.
[1] Estimations