SALTO KS

Scalable, and flexible cloud-based smart access control solution with best-in-class real-time capabilities.

SALTO
*inspired***access**

KS SALTO KS

Platform Overview

A guide to getting started with the SALTO KS cloud-based access control solution.

SALTO KS is a reliable cloud-based access control solution with unified software and hardware solution, and an open ecosystem. Designed to secure any door in a building, making access control easier than ever, offering a flexible platform for your business to manage unlimited locations — all from one dashboard.

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Introduction to SALTO KS

SALTO KS is the scalable and advanced cloud-based ACaaS solution that's built to fit your business needs, today and tomorrow. 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.

SALTO KS smart access offers multiple ways of opening doors, including with a digital key. From a fully remote, wireless management platform. It's a reliable solution that requires no on-premise server rooms or software installation, with endless integration possibilities to improve the user experience and building safety.

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.

Analyze valuable data and activity insights

Gain activity insight in real-time. Notifications for specific events, such as rejected entries, doors left open or system maintenance tasks.

You can even set notifications for specific events, so you're always up-to-date.

Access made easy and secure

Grant access easily with a range of different access control methods. Select the day(s), timeframe(s) and lock(s) to grant access to specific users.

Collect all user access rights on a single, smart credential; send and receive digital keys, PIN Code door entry, or open doors from any distance, even if you are on the other side of the world.

Streamline your operations with limitless support for integrations

All-in-one access control platform with endless cloud-based integration possibilities.

Making it fast and secure to integrate your access control system with other software platforms and connect with existing building applications.

All-in-one cloud access control platform. All in real-time.

SALTO KS - Keys as a Service - is the scalable and advanced cloud-based Access Control as a Service (ACaaS) solution solution that's built to fit your business needs, today and tomorrow.

This solution requires no software installation, has remote management capabilities and endless integration possibilities.

Platform architeture and system settings

SALTO KS is a reliable cloud-based access control solution with unified software and hardware solution, and an open ecosystem. Designed to secure any door in a building, making access control easier than ever, offers a flexible platform for your business to manage unlimited locations — all from one dashboard.

Cloud Software	Hardware	Access Methods	Ecosystem
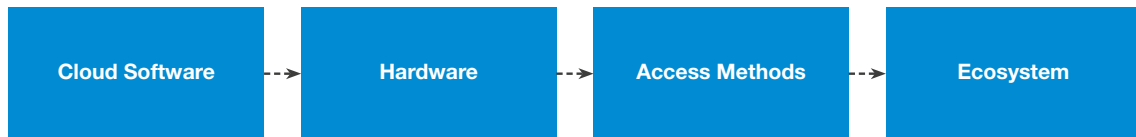
Enhanced Control

User-centered, web-based management software delivers enhanced control, and integrates seamlessly with existing operations.

Electronic Lock

Smart, modern designs; easy to install and maintain. Avoids the cost and complexity of traditional mechanical access solutions.

Digital Key

Makes access easier for staff, users & visitors. Options include smartphones (iOS or Android), smart credential, or PIN Code.

Integrations

API-ready methodology allows easy integration with third parties for a comprehensive Smart Building ecosystem.
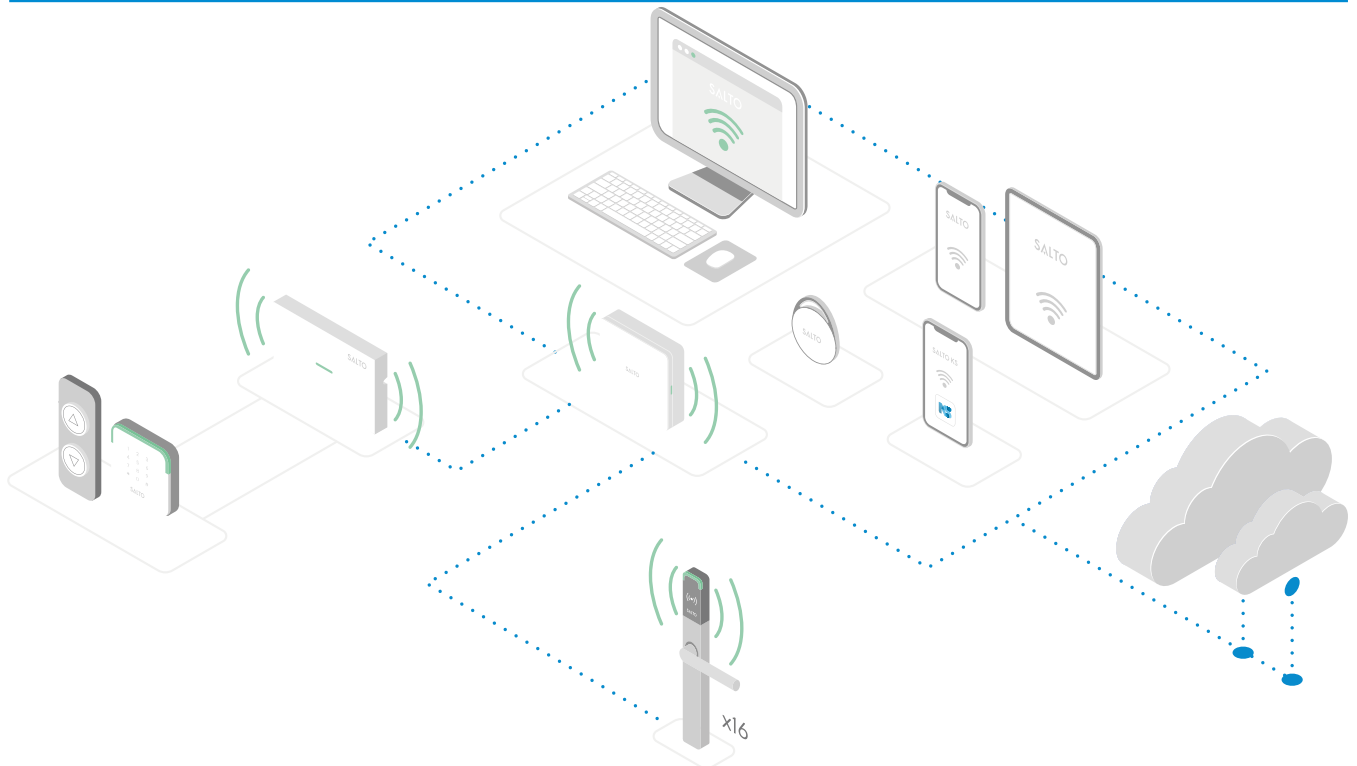
Robust security, safety and privacy.

At SALTO KS, our infrastructure is maintained and updated continuously, with highend security practices that consist of multiple security layers ranging from 2FA to user provisioning. As an ISO 27001-certified business, we have capable security tools in place to ensure data security, stability and availability of the platform. We regularly carry out penetration tests to evaluate our different security mechanisms.

SALTO KS is constantly updated so that it is compatible with new hardware releases from SALTO Systems.

Infrastructure

The industry-leading cloud-based access control solution.

Provides smart, reliable, and 24/7 secure real-time access with an easy-to-use system that integrates all physical security needs through smart, easy-to-install and wireless smart standalone electronic door locks with limitless support for integration across a growing Technology Partners ecosystem.
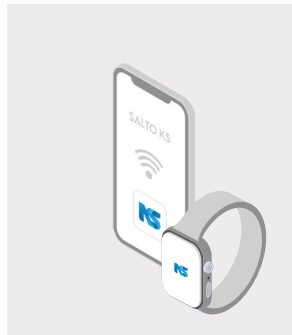

Admin / Operator

Have full control of all functions and features from the web app to keep track of events, carry out remote openings, or block users on-the-go, with all doors, users, and locations managed from a single source.
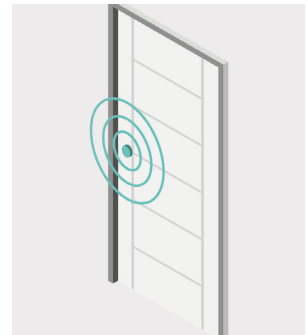

Cloud

SALTO KS makes use of Microsoft Azure's trusted cloud infrastructure to ensure continuous availability to our users around the world.

Access Method

Replaces physical credentials; send and receive Digital Keys, Apple Watch, Wear OS smartwatch, PIN Code door entry, or open doors from any distance, even if you are on the go.

API & Mobile SDKs

To make the most out of SALTO KS, clients have access to our self-build API and all of its features, being able to integrate it with their own systems to improve their services even more.

Web App / Mobile App

Intuitive management Web App and Mobile App to easily administer digital keys, revoke access, open remotely, change access modes, monitor latest entries, and make managing your system easier than ever.

IQ

The IQ comes in different variants (Wi-Fi, PoE, cellular) to connect to the cloud and Bluetooth to connect to the smart lock.

Secure access even when your network fails. When offline mode is active, users with access permissions will grant permission to access – you are protected and maintain access.

Credentials

Industry-leading security practices, including advanced encryption, to provide users a secure and seamless keyless and mobile experience for users, visitors and staff.

Electronic Lock

Unique, simple-to-install and retrofit design with fully-customizable options that combines proven robustness, the highest quality in materials, the latest technologies, and elegant design – making it suitable for a wide range of access control applications.

How it works

The SALTO KS platform helps system operators leverage our smart access control technology, reducing costs, giving user access levels and events more visibility and flexibility, and providing users with better, more secure keyless experiences at a lower cost.

The SALTO KS cloud-based smart access solution makes things appear simple, but they are not. When a system operator creates a new user, they can enable different access methods and select doors, dates and time frames, and connect our system with their preferred third-party integrations. And we do all of this in milliseconds.

Securely manage access: Unlock doors using your phone's Digital Key, a PIN Code, or Credential.

Real-time access control platform: Cancel a user or disable a lost key from the SALTO KS dashboard or mobile app instantly. Have full control over who is accessing as well as data on specific access pointd and times.
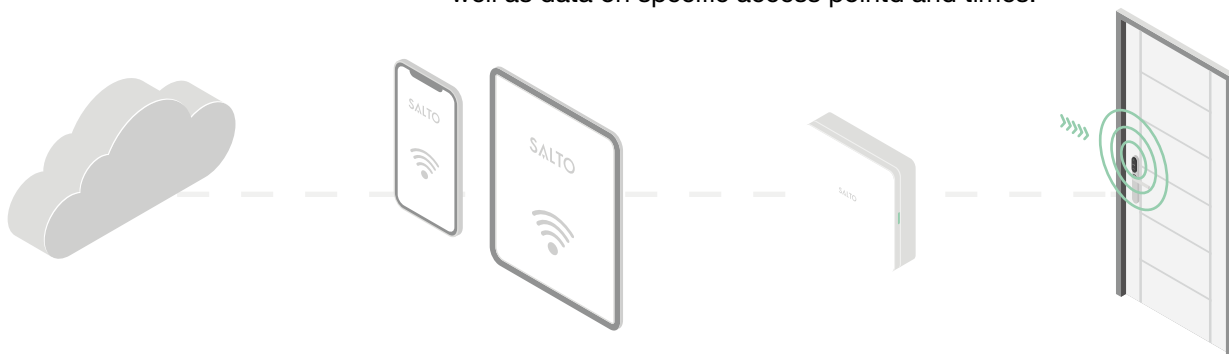
Integrations: Simplify complexity and manage multiple systems and setups using a single platform.

Key features and enhancements

CORE TECHNOLOGY

SVN Data-on-Card	—
BLUEnet Wireless	•
JustIN Mobile	•
Apple Wallet	•

ACCESS METHODS

RFID Credential/ Keycards	•
Digital Key Bluetooth LE [1]	•
Digital Key Bluetooth NFC	•
PIN Code	•
Remote opening	•
Offline opening	•
Face ID/ Face Recognition	•
Emergency opening	•

[1] Compatible with Apple Watch and Android Wear OS Smart Watches.

OPENING MODES

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

ADMINISTRATOR - SYSTEM OPERATOR

Export/Import Functionalities	•
Automatic Key Assignment	•
Unlimited Smart Access Points	•
Event Stream	•

ADVANCED SECURITY

2FA & Single-Sign-On	•
Temporarily block an account after multiple failed login attempts	•
Cloud Hosting & SLA	•

PLATFORM SYSTEM ARCHITECTURE

On-prem - Server Hosted	—
Cloud Application	•

INTERFACING

Core Access Control APIs/SDKs	•
Web & Mobile apps	•
PODs/ Units/ Partitions	•
Multi-site Management	•
Control Input & Output of Access Controllers	•

MONITORING

Online Monitoring Features	•
Audit Trail (export, filtering, sorting...)	•
Store Events & Incidents (>24-months)	•

INTEGRATIONS

API & SDK	•
PMS integrations	•

LIFT ACCESS

Elevator Management System	•

LOCKER SYSTEM

Personal Mode	•
Free-assignment Mode	•

HOSPITALITY: CHECK-IN/ OUT

Check-in & Check-out	•
PIN Code for Guest	•
Tag Key for Guest	•
Digital Key for Guests	•

Tech. Specs

System Requirements

For optimal performance with SALTO KS cloud apps, we recommend you keep the operating system of your computer or mobile device up to date. For web and mobile apps, we support only the current version of the operating system.

SALTO KS Web-App

The SALTO cloud smart access management web-app and associated websites, such as the SALTO KS platform, are all designed to work optimally in the latest versions of Google Chrome, Safari, Firefox, and Microsoft Edge. You may have trouble using certain features on older versions of browsers.

OPERATING SYSTEM

macOS	Safari Google Chrome Firefox
Windows	Microsoft Edge Google Chrome Firefox

Language Versions

- English
- French
- German
- Spanish
- Nederlands
- Danish
- Swedish
- Norwegian

SALTO KS Mobile-App

As a SALTO KS user, can download and install SALTO KS apps in any language in which the products are available. So you can have different language versions depending on your needs and smartphone region configuration.

iOS	iOS16
Android	Android 15

IQ Gateway

PoE and/or WiFi (2.4Ghz or 5Ghz). For redundancy the WiFi connectivity can be provided by 4G USB stick as backup.

IP and MAC

SALTO KS smart network devices (IQ Gateway) work with IP addresses assigned by DHCP. As an alternative DHCP can assign a fixed IP based on MAC

Firewall settings

If your firewall restricts outbound connections, you must configure the TCP ports as the SALTO KS platform exclusively establishes outbound connections.

Port	TCP	UDP	Usage
443	•		Fetch device firmware
80	•		Fallback fetch device firmware
AA	–	–	–

WiFi

The WiFi connectivity isn't compatible with networks that mandate a user to submit login credentials before granting network access. Usually, this type of network is encountered in public hotspots and certain guest networks in office environments, but home-based wifi networks rarely require such a setup.

API

The SALTO KS API allows developers and technology partners to seamlessly build advanced solutions on top of the KS platform.

Credentials

SALTO KS offers flexible mobile and physical credentials that makes sure access is easy and without compromise on security.

- Open API for integrating SALTO KS digital key (Buetooth LE & NFC) with your own app
- iOS & Android app
- Mifare DESfire Cards and Tags

SALTO Systems.

Get in touch with our team.

Give us a brief summary of your needs, your next project and we'll get back to you.

Spain, UK, France, Germany, Switzerland, The Netherlands, Belgium, Poland, Slovakia, Slovenia, Czech Republic, Denmark, Norway, Sweden, Finland, Italy, Portugal, US (NYC - Atlanta - LV), Canada, Mexico, Costa Rica, Colombia, Puerto Rico, Chile, UAE, India, South Africa, Singapore, China, Hong Kong, Korea, Vietnam, Australia, New Zealand.

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