

CENTRALLY MANAGED ACCESS CONTROL SYSTEM

SALTO® Systems:

A single system that allows you to integrate all your physical security needs through networked stand-alone locks and on-line readers that provide you with real time access control for all your doors.



► System Description

The Power of SVN

The SALTO Virtual Network (SVN) is a unique combination of on-line and off-line stand-alone readers with features that can only be matched by on-line systems that require expensive wiring.

The locks and cylinders are networked to your server without wires. The link that enables communication is carried by the “intelligent” key which is a 2-way data transporter that grants access to residences, offices, common areas and even lockers.

This data is captured at various “Hot-Spots” located in high traffic areas within the campus. The “Hot-Spots” upload and download information that defines user, staff and even contractor access. People simply “flash” their credential and continue with their routines while allowing for full control of all user access from a central station.

Auditing, access changes, and even diagnostics of the locks are communicated to your computer without the need of physically going out to gather this information.

Benefits

EFFICIENCY

- Cancel lost keys at the click of a button (eliminate walking with a programmer).
- Dynamic master keys: “on-the-fly” changes to user access privileges.
- Control the entire property right from your computer: residences, classrooms, gyms, labs, offices, even lockers!

EFFECTIVENESS

- Monitor on-duty personnel and contractors: track facility maintenance tasks.
- The end of “my key doesn’t work” situations. RFID cards cannot demagnetize.
- Custom reporting capabilities:
 - Staff/contractor timed activities
 - Former employees trying to access property
 - Non-scheduled access attempts

COST

- Off-line locks with on-line capabilities yet no wiring costs.
- Smart battery management: locks with low battery levels will automatically send a notification to your computer.
- Don’t sacrifice your budget or jeopardize security, control the access to ALL doors.
- Extreme abuse resistance extends lifespan of your locks.

▶ System Layout

- ① Entrance To Residence Building
 - SALTO on-line control.
 - Key update capabilities
 - Change access profiles
 - Delete lost student keys
 - Upload audits & lock's battery status.
- ② Student Residence
 - Stand-alone locks in all room doors
 - Virtual network interface through user cards
 - Stainless steel finish and robust design

- ③ Campus Main Entrance
 - SALTO on-line control.
 - Key card updates through "Hot-spots"
 - On-line & off-line readers at perimeter entries
 - Dynamic master keys: unmatched flexibility

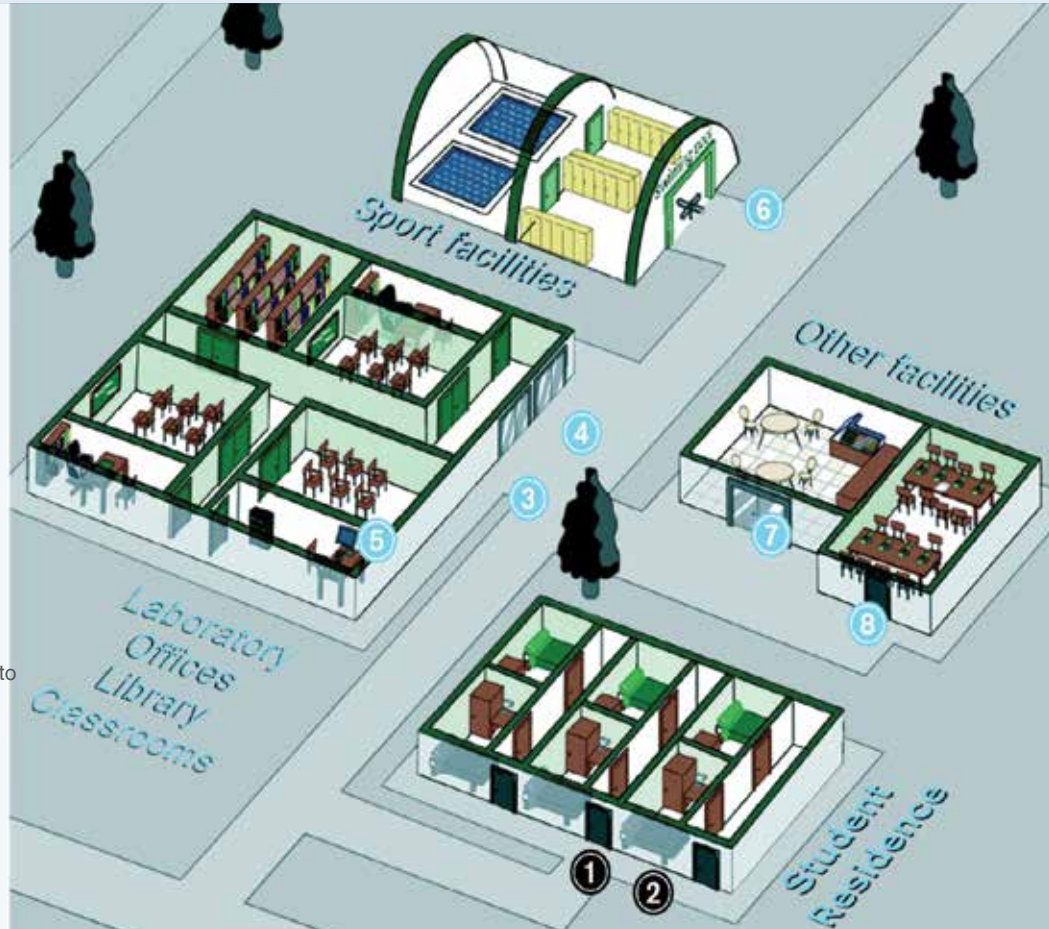
- ④ Campus Access Security
 - Centrally managed database
 - Real time access control
 - Update of access profiles: easy and quick
 - Add and delete users by clicking a button

- ⑤ Faculty and Staff Offices
 - Stand-alone locks on office doors
 - Virtual Network communication through user cards
 - Audit trails captured on key cards

- ⑥ Sport Facilities
 - Free assignment iLockers to leave personal belongings in a safe place
 - Works with same key card/key fob used to open doors

- ⑦ Campus Cafeteria
 - Integration: SALTO key cards can integrate into cashless systems
 - Secure storage, refrigerators, etc.

- ⑧ Student Center
 - Secure restricted areas and cabinets with complete audit capability
 - Secure student records and control who has access to them and when



Multi-Departmental Key/Lock Management

In today's unpredictable environments, electronic locks cannot be for residence halls alone, leaving all other areas to be secured by outdated metal keys or systems. SALTO® allows you to secure and control all campus doors without sacrificing your budget or jeopardizing liability.

- Operate an entire campus with a single software database.
- Each department has the authority to manage only its locks and keys without interfering with other department's.
- The system administrator can view and control all the department's doors and keys.

To offer more comfortable and friendly keys, they can take any shape or form: from cards, to key fobs, watches, cell phones and just about anything imaginable.

Compatible with:

MIFARE DESFire



SKIDATA™

LEGIC®
innovation in ID technology

picopass®



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▶ System Components



Networked Electronic Locks

Contactless radio-wave key operation.
2-way communication with your computer.
Solid construction.
Easy installation. No wires required.
Clock and calendar programming.
Battery operated.
Available in wireless version for real-time control.



Software & Encoding Equipment

Management software.
Key encoder.
Hand held lock programmer.
Controls up to 64,000 doors and 4,000,000 users.



On-line Access Point Readers (Hot-Spots)

Flush mounted antivandalic frame.
Ethernet connectivity.
Seamlessly integrates with other systems.



XS4 Locker

High level security for lockers, pharmacies, and cabinets.
All access controlled by a single software.



Energy Management & Tracking Control

Contactless radio-wave key operation.
2-way communication with your computer.
Intelligent switch.



GEO Cylinder

Easy installation is possible on any type of door.
Fully integrated with the SALTO SVN platform.

▶ XS4 Locker Security Hardware



The iLocker provides all of the RFID Networked Security features of our door solutions in a hardware set designed specifically for student lockers, employee lockers and cabinets. This is an excellent solution for securing personal items.

The iLocker can be programmed to function in two distinct modes:

- **Random-Assignment mode:** A "first-come, first-serve" mode in which a person randomly chooses a locker by touching the reader with an authorized key. The locker is then automatically assigned to that specific user and can only be opened by his/her key.
- **Dedicated mode:** Lockers can be assigned to specific users for as long as they may require to use it.

