

SALTO
inspired**access**

Aged Care | networked lock system



WIRE-FREE NETWORKED ACCESS CONTROL SYSTEMS

SALTO® Systems:

A single system that allows you to integrate all your personnel security needs through wire-free networked access control technology.

▶ System Description

Networked Locks

SALTO's revolutionary Networked Locking System is a data on card access control system designed for use in properties such as hospitals, research centers and pharmacies.

The system enables users to benefit from a combination of on-line and off-line locks networked to a principal computer. These locks are stand-alone: they do not need wiring or a Wi-Fi infrastructure since the communication link is the intelligent key that acts as a 2-way data transporter.

The system allows you to:

- Replace traditional key locks with cost effective, battery powered networked locks.
- Remotely manage off-line door locks from the convenience of your desk.
- Enjoy the capabilities of a hybrid wired and wire-free system, at a fraction of the cost of an online system.
- Secure all doors in any building: internal and perimeter doors.
- Salto easily interfaces with other applications that have multiple personnel databases..

Benefits

EFFICIENCY

- Cancel lost keys at the click of a button (no re-programming).
- Dynamic master keys: "on-the-fly" changes to user access.

EFFECTIVENESS

- Compliant with HIPPA & The Joint Commission
- Monitor on-duty personnel and contractors
- RFID cards cannot demagnetize.
- Custom reporting capabilities:
 - timed activities
 - invalid and unauthorized access attempts
 - audit trails

COST

- Off-line locks with on-line capabilities yet no wiring costs.
- Smart battery management: locks with low battery levels automatically send notifications to main computer.
- Eliminate the cost of re-keying due to lost or stolen keys.



HOW DOES IT WORK?

A simple principle: key cards automatically store and convey information back and forth between the locks and your computer. This is done by the means of a few on-line download points or “Hot-Spots” that are strategically located in high traffic areas within the property. The “Hot-Spots” upload and download information that defines staff, contractor, and even visitor access. They simply “flash” their key cards and continue with their routines.

Main Features

- Contactless smart cards (encrypted close proximity radio frequency) allow you to open doors without even making contact with the lock.
- Key and lock have built-in antennas that perform a 2-way communication.
- Secure communication via FCC part 15 compliant 13.56 MHz radio frequency.
- Extreme abuse resistance: water, salt, heat/cold, dust and other environmental agents.
- Battery management: keys use the lock’s power to transmit and store information.
- Average battery life of 60,000 openings.



THE MULTI-FUNCTIONAL iLOCKER®

The iLocker provides all of the RFID features of our system in a hardware set designed specifically to secure lockers, drawers, cabinets or other storage objects that contain sensitive objects and require monitoring and security. Now you may designate each user a specific access date and even time to reduce liability and increase accountability.



Operation modes:

- First-come/first-serve mode: Users pick an available locker and begin making use of it by simply flashing their access credentials.
- Dedicated mode: Lockers can be assigned to specific users for as long as they may require to use it. This is ideal for staff and patients with extended stays.

Main Applications:

- Staff Lockers
- Patient Lockers
- Patient Drawers
- Pharmacy Cabinets
- File Cabinet Security

Main Features:

- Emergency master key
- All audit trail capabilities
- Centrally managed by the Salto server
- Time out function: limits length of use
- Battery life: 2-3 years on 3 AAA batteries
- Audit trail: non-volatile memory recalls all transactions
- Optional time/shift control for staff lockers

- RFID keys are contactless smart cards that store data in their internal memory allowing you to track their activity.
- Information is encrypted and secured via FCC part 15 compliant 13.56 MHz radio frequency.
- Keys come in any shape or form: cards, key fobs, adhesive tags, phones, watches or wristbands.
- Extreme abuse resistance: weather proof and do not demagnetize.
- Battery management: keys use the lock's power to transmit and store information.
- Reusable keys can be reprogrammed over and over again.



▶ RFID Cashless Solutions

Access and purchases with a single key.

Salto Systems has partnered with other leading companies that utilize RFID technology to enhance your users and residents experience. Room keys can not only open doors, but they also allow guests to make purchases from vending machines, pay for meals at restaurants and other services.

There are many components that need to be considered when creating the “cashless environment”. That is why SALTO is now part of the RFID Works group, an organization created to streamline the process of implementing this convenient environment for your guests. Please call for more details.

System Components



Door Lock:
- SVN Data on Card System
- On-line Wireless real-time access control



Hot-Spot



Management Software



iLocker



Intelligent Power Switch



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