CREATING SAFE & SECURE SCHOOLS WITH ELECTRONIC ACCESS CONTROL

Transitioning from physical key systems to electronic access control presents many opportunities and benefits for K-12 education facilities.

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SALTO
inspiredaccess

TEACHING AND LEARNING IN A SAFE ENVIRONMENT

School campuses need to be safe. They must operate in a culture of trust. When parents send their children to school, they need to trust that their loved ones will be secure in the school's care. Teachers and staff must trust they are in a workplace where they can put all their focus into delivering educational outcomes.

Schools have hundreds, even thousands, of people coming through their doors every day. The vast majority come with a legitimate purpose. Educational establishments therefore need to find the right balance between ease of access for those who need to be in the building, and security against those who don't. They need to consider not only people coming in, but, in the case of an emergency, getting people out. It can be a very difficult set of requirements to juggle.

THE CHALLENGES OF SCHOOL SECURITY

Schools come in all sizes, configurations, building styles and ages. A typical campus may have a range of facilities - classrooms and reception areas, libraries, laboratories, staffrooms, offices, cleaners' rooms, car parks, halls, sports centres and student housing - each with different access doors, gates, barriers, turnstiles and emergency exits.

Educational buildings may be used by a broad cohort; students, teachers and support staff of course, but often, as in the case of sports facilities or a hall, people from outside the immediate school community. Access might vary by day and time - for example, the gym is used by teachers during the school day, a sports club on a weekday evening and a community group at the weekend. In the case of building or repair work, contractors may need access, but only until the project completion date. Keeping track of who is allowed where and managing user profiles is a time-consuming headache.

In an emergency, schools may need to facilitate lockdowns or improve emergency egress. Lockdowns and evacuations are an integral part of the Emergency Response Procedure of a school, and the faster they can be executed, the better protected the staff and students. Traditional locks, with physical keys held by only one or a few staff member(s), can endanger a safe outcome.

At SALTO, we know that securing your school is a high priority. We also know that you are balancing this priority with many others, so sometimes it's hard to know where to start. Whether you're taking your first step away from physical keys, ready for a fully automated, centralised system, or want a more cost-effective option to expand your existing system we'll advise you on the best approach to keep your students and staff safe and sound.

FROM THE FRONT ENTRANCE TO THE CLASS ROOM

There are a number of areas within a school that are important to protect and SALTO can help you with. While school equipment and administrative areas may be targets in the event of an incident, the most important assets in a school are students, staff and visitors.

CAMPUS ACCESS SECURITY

- Secure perimeter entrances
- Reduce number of physical keys to manage
- Integrate with existing security systems e.g. CCTV, alarms and monitoring
- Centrally managed database
- Synchronise user identities with ActiveDirectory
- Easily retrofit access points in older and heritage buildings where cabling is difficult
- Grant location and time-dependent access for visitors and contractors
- Audit trails for insurance and accountability
- Real-time remote opening for emergency
- Real-time lockdown for emergency situations

FACULTY AND STAFF

- A range of credentials to offer staff including card, fob, RFID sticker, wristband or smart phone
- Easily grant relief staff temporary access to locations
- Differentiate easily who has access and when
- Audit trails for time and attendance

ASSEMBLY HALLS

- Optimize revenue and usage by changing access plans easily e.g. the out-of-hours hire of the facility for community events

CLASSROOMS

- Securing assets and belongings in classrooms
- Facilitate lockdown for emergency situations

SPORT FACILITIES

- Optimize revenue and usage by changing access plans easily e.g. the out-of-hours hire of the facility for community events
- Secure equipment and belongings

SINGLE CARD SOLUTION

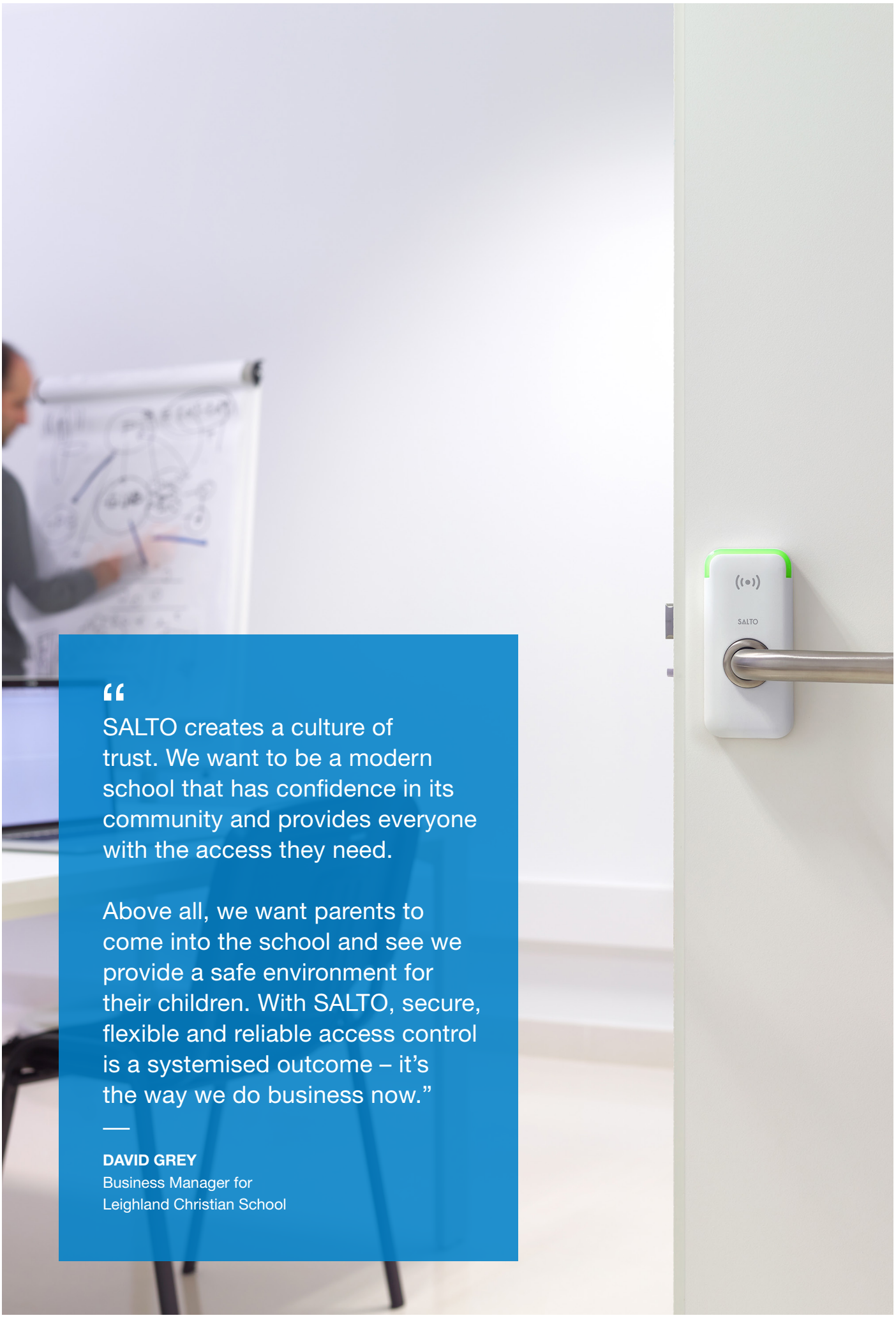
- Integration into public transportation, roll call, time and attendance and school cashless systems such as printing, canteen and uniform shop

LOCKERS

- Freely assign lockers to secure belongings with the same credential for access

BOARDING HOUSES

- Monitor student movements e.g. curfews and inactivity
- Secure student rooms and personal belongings
- Grant time-dependent access for visitors such as family



“SALTO creates a culture of trust. We want to be a modern school that has confidence in its community and provides everyone with the access they need.

Above all, we want parents to come into the school and see we provide a safe environment for their children. With SALTO, secure, flexible and reliable access control is a systemised outcome – it’s the way we do business now.”

—

DAVID GREY
Business Manager for
Leighland Christian School

THE SALTO SOLUTION FOR SCHOOLS

SALTO has helped hundreds of schools become safer and more secure with electronic access control. Our solutions are designed for the needs of schools - with a range of mix-and-match options to suit every environment, and budget. There are a wide range of credentials available including cards, fobs, wristbands and even the user's smart phone.

SALTO VIRTUAL NETWORK (SVN)

SVN uses its patented 'data on card' technology to create a 'virtual network', where the key card becomes a data carrier as users move through the building. The building needs a few online access points (usually at widely used spots, such as a car park barrier or main door), which download the full access list to every user's card in real-time. When the user accesses a stand-alone door, the door queries whether the user can open that door and at the same time writes that user's audit and the battery status of that lock to the card. This allows a school to manage costs by fitting the majority of doors with stand-alone locks for situations where 'almost real time' will meet their needs.

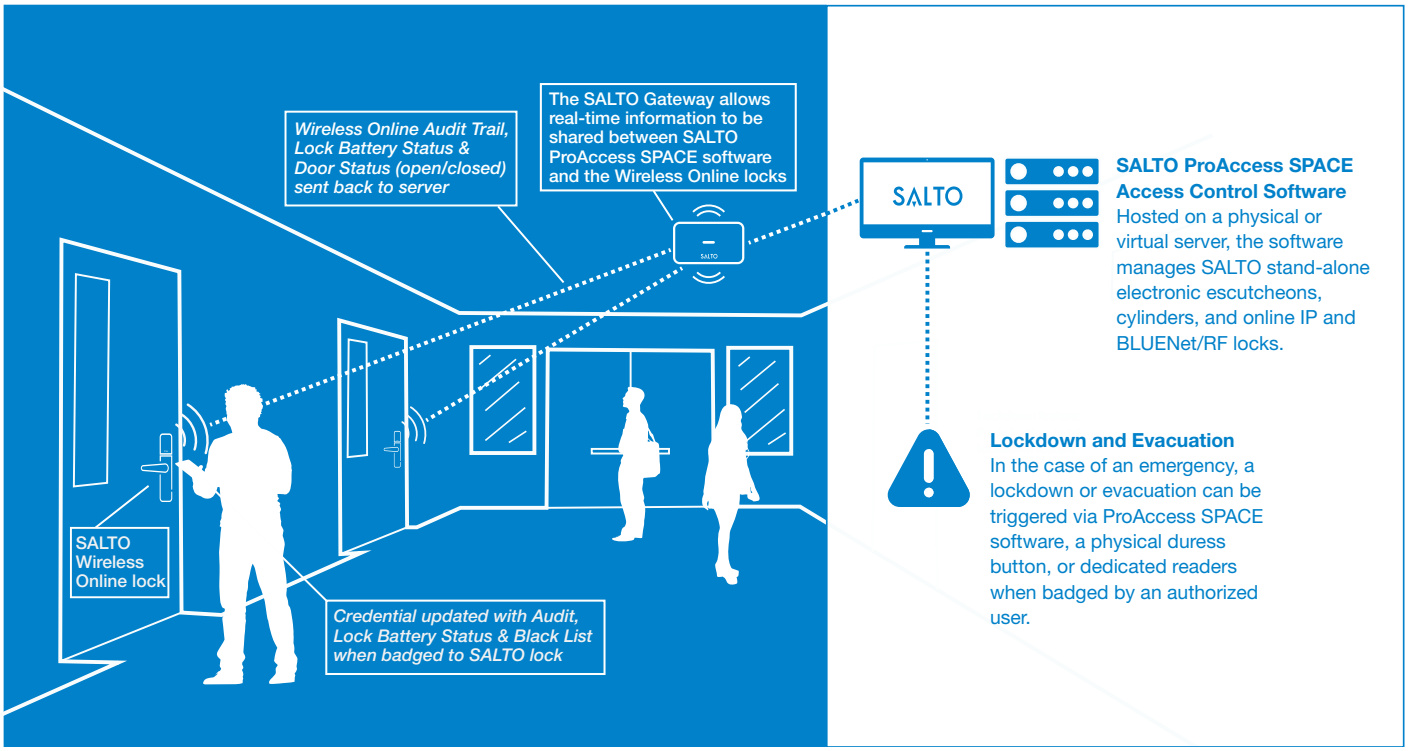
SALTO BLUEnet WIRELESS REAL-TIME TECHNOLOGY

For situations that need 'real-time' (not 'almost real-time') SALTO can add Bluetooth gateways that update the lock from the SALTO server. The locks update, store and send the latest access information from the user's smart keys throughout the building wirelessly and remotely. BLUENet can be used throughout a campus, or in just those parts that need it (with SVN in the rest).

SALTO JustIN MOBILE

Harnessing the power and flexibility of mobile technology, the JustIN Mobile app turns the user's phone into their credential. The key is sent directly to their phone, and the app sends access data back to the SALTO server.

HOW SALTO BLUENet WIRELESS TECHNOLOGY WORKS WITH LOCKDOWN



AN ACCESS CONTROL SOLUTION DESIGNED FOR EDUCATION FACILITIES

A solution for every access point
Stand-alone battery-operated locks can be fitted on just about any type of door, gate or other access point, no matter what age or style. Older or heritage buildings are easily retrofitted.

Low cost installation & operation
Because stand-alone systems mean no need to install wiring throughout the building, they usually fit even the most modest of budgets. Ongoing costs are manageable too, with no electricity needed to power them, and no ongoing software licencing costs.

Eliminate the cost of managing keys
By eliminating the time and cost of managing physical keys, including changing locks if there is a security breach, a SALTO system can significantly reduce the amount of time required to manage physical key systems and therefore cost.

Real-time emergency response
EACs allow real time response to an incident. Control can be given to individual teachers to lock their rooms, or the manager can instigate a campus-wide lockdown from a central control point.

Real-time audit trails
SALTO not only controls access but reports on it, giving full visibility of who has been (or tried to go) where. The school has an audit trail in the case of missing assets, and the information can also highlight potential security risks before they happen.

Automate doors & report on their status
Make your doors more intelligent by specifying when they lock, open, and for who. SALTO also reports on doors that have been left open or forced open by intruders or vandals.

Scalable
Where the budget doesn't extend to fitting a new system throughout the campus, the SALTO system is scalable, allowing part installation in one budget year, and expansion later when more funding is available.

Programmable
Unlike a physical key-based system, SALTO allows the manager a far more granular level of control, specifying not only who can enter certain areas, but on what day/time and for how long. Improved security enhances the safety of assets and people.

Integrated & single card solution
SALTO can communicate with other school security systems such as alarms and CCTV. It can enhance other school services such as printing, roll call, cashless payments, transport, canteens and uniform shops. A single key card can manage a whole range of staff or student interactions with the school.

SALTO ELECTRONIC LOCKS & PERIPHERALS

SALTO offers a wide selection of aesthetically-designed electronic locks, wall readers and control units that can be deployed in schools. Our products are manufactured to the highest standards in Spain and tested for heavy usage and tough environments.

Please see below for some examples, and contact us for more information on our entire range.

XS4 ONE
Revolutionary stand-alone electronic lock that includes the latest electronic components for future-proof compatibility. Fits even narrow frame doors.

XS4 WALL READER
A reader with optional keypad allows for the additional use of a PIN keypad option.

NEOXX PADLOCK
Incredibly tough and IP68 rated, this padlock brings the benefits of electronic access control to perimeter gates, equipment yards, storage areas and more.

XS4 MINI
For indoor applications: quick and easy install makes it ideal for retrofits. Wide range of finishes, handles and retrofit cover plates to meet installation needs.

NEO CYLINDER
Designed for doors where fitting an electronic escutcheon is not possible e.g. server racks, gates, cabinets, electric switches, sliding doors and more.

XS4 CONTROL UNIT
Extend SALTO access control benefits to all those doors where a stand-alone electronic lock cannot be fitted e.g. electric strikes, barriers, elevators, etc.

XS4 ORIGINAL+
A totally wire-free networked electronic lock, specially designed for use on busy, high traffic doors that need additional strength.

XS4 LOCKER LOCK
High-level security for a wide range of lockers, cupboards, cabinets, boxes, etc.

SALTO PROACCESS SPACE SOFTWARE

SALTO ProAccess SPACE Software is a powerful web-based access control management tool that enables you to program access time zones for each user, manage different calendars and obtain audit trails from each door to see who has passed through it. The software includes special functions such as automatic door status changes, anti-passback and relay management.

User-friendly and powerful, SALTO ProAccess SPACE software offers one complete platform to manage stand-alone wireless devices, and IP online devices for users, keys and doors.
There are no ongoing licencing fees for this software.

THE RIGHT PARTNER

If your security and risk management is posing a challenge, and you're considering a move to an electronic access control system, it's essential to choose the right partner. One who understands your needs and the technology that will best meet them. A partner who has worked with educational establishments just like yours and helped them reap the benefits of electronic access control.

SALTO is that partner, so talk to us about how we can help. We work with select trusted resellers, educators and others to bring you a balanced approach to school security that meets the needs of your students, staff and parents.

ABOUT SALTO SYSTEMS

SALTO was created with one objective in mind: to build a world-class access control system that's simple to use and efficient to manage. Our solutions give you the ability to secure all your access points and doors without the need for complex and expensive wiring.

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CONTACT US

Are you looking for a simple, secure and cost-effective access control solution for your school? Please contact SALTO Systems for more information:

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