



Unlocking solutions for

# Your school

**CHRIS WRIGHT**

James Bull : Access and Security

2024



Introducing...



**ASSA ABLOY**



James Bull have provided Christchurch and New Zealand with locksmith services over 83 years. With a reputation for embracing new products and innovative solutions we are also known for our on the ground service, back up and support!

Assa Abloy is an international leader in the design and manufacture of mechanical and electromagnetical locking and unlocking products for security and safety. Their products are installed across the world in buildings where performance and reliability is critical

Smartair® is a powerful access control system that offers intelligent, key less and wireless options for management of access. With the capability to manage with cards, tags and smartphones it is a world leading solution meeting the demands of modern facility access and security.



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## Facing the real challenges, of access and security in schools...

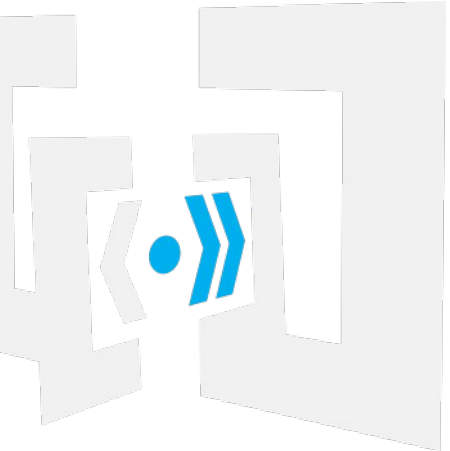
We are pleased to present a **solution** that can improve your access, security and safety of your people, while saving you time, money and stress...

The cost to the Ministry for rekeying schools when a master is lost has added up over the years, and it's time to seriously look at new options that can avoid this while, also offering so many other benefits.



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## The challenges in schools...



When a group wants to use the hall  
or school facilities after hours...

**managing specific  
access is  
important**

Getting keys to them can be tricky

It can be **difficult allowing them  
access** while not compromising access  
to other areas

It is often hard to know when they  
come and go and that everything is left  
secure

When faced with the challenge  
of an unknown external threat...

**keeping  
students safe is  
critical**

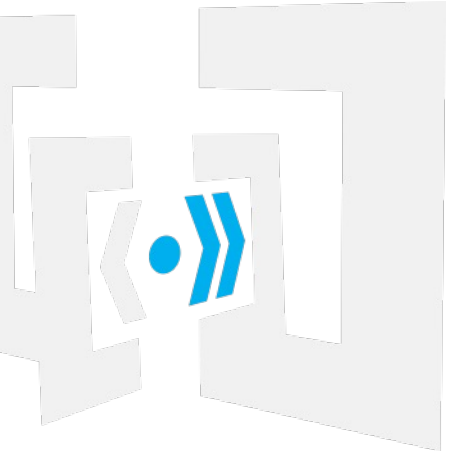
It is **difficult for staff to manage  
the locking of all doors**, and  
knowing what is locked

Staff can often **have difficulty  
locating keys** when they need them



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## The challenges in schools...



When a key staff member or cleaner loses a master key...

**security is compromised and unknown**

Could someone find the key and access the school illegally?

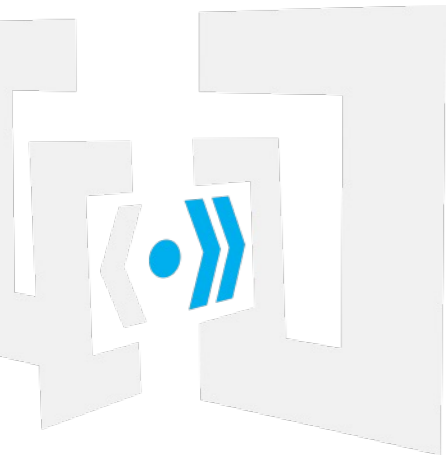
Balancing this with the **cost of replacing or rekeying** is tricky and expensive

When a new staff member replaces another...

**allowing simple access for staff is important**

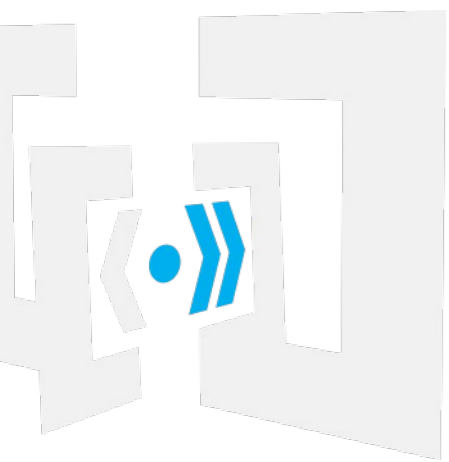
Getting the old keys back can be a hassle and often with a new staff member they require different access rights and ultimately new keys

There are **generally frustrating delays** in getting keys cut



# make the comparison for yourself

	<b>Master Key</b> Keys cut to offer different access rights	<b>Access control</b> Cards allow access to wired locks	<b>Wireless Smartair®</b> Card/tag or Smartphone access	
<b>Custom access rights</b> Manage access to specific areas And allocate to staff	●	●	●	
<b>Lockdown mode</b> Activate lockdown of managed doors From PC desktop	●	●	●	
<b>Real time security access</b> Know status and update as required	●	●	●	
<b>Manage access remotely</b> Access rights and credentials can be managed from PC workstation	●	●	●	
<b>Smartphone access options</b> Manage lock status from smartphone through app	●	●	●	
<b>Card and door access audit</b> Data available on door events, access and status	●	●	●	
<b>Range of options for access</b> Key/credential access options are unlimited	●	●	●	



**embrace  
the benefits  
today...  
invest for  
tomorrow**

## **Reduce costs**

- Cut costs incurred when cutting keys
- Cut time involved changing keys over
- No extra wiring required during installation
- Knowing security status can reduce costs
- Avoids extreme costs of rekeying locks
- Reduced insurance premiums possibly

## **Improve security and safety**

- Ensure credentials are current at all times
- Reduce impact when keys go missing
- Activate lockdown of managed locks from desktop
- Adjust access rights and credentials easily

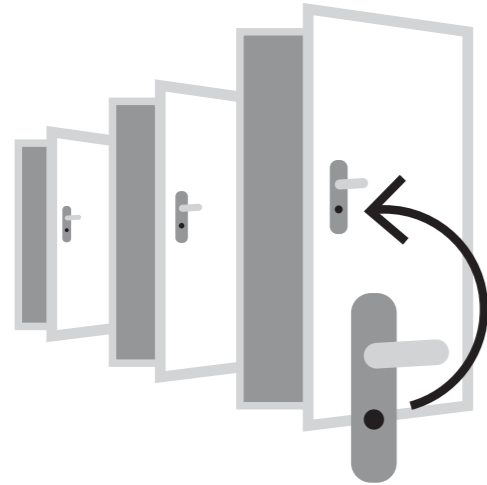
## **Lower stress...manage easier**

- Adjust access rights from simple user interface
- Remove stress of locating and sharing keys
- Enable greater use of facilities by more users
- Manage remotely when required saves travel
- Increase peace of mind knowing security status

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# An all too common situation... Someone loses a Master Key

# Imagine... The future. Now

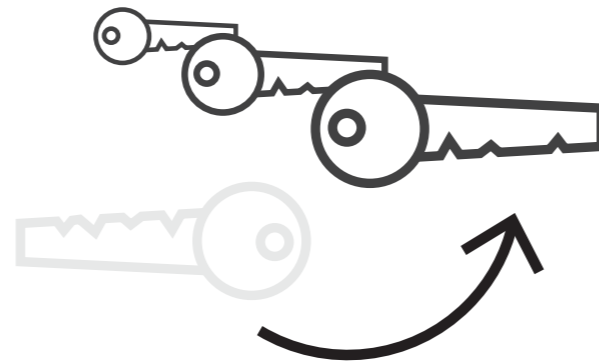


## Replace locks

Reconfigure mortice lock cylinder  
and replace in all doors  
Based on 118 doors, and padlocks

**\$155.75**

Per door approx



## Replace keys

Cut completely new keys and supply  
for all staff  
Based on 60 keys

**\$25.00**

Per key [staff member] approx



## Update access

Update user credentials by removing old  
and updating with new from desktop

**\$10.00\***

The time it takes to enter a few  
numbers on the screen

And the cost of a card

For the whole school

**\$19,878.50**





### Hard wired

Options to directly connect via hard wire from Command Panel



Wireless/and card option

simple  
smart  
and  
powerful

#### NOTE

Smartphone access is an optional extra

Requires Bluetooth mobile license



### Computer central workstation

Operated from office base where downloaded software Installer manages user access and credentials



### Software activation

Asa Abloy custom software designed to manage access and security



### Hubs

Connected by CAT6 cable to network, sends data and credentials via WiFi to locks within 25m



### Escutcheons

Faceplates of locking mechanisms, that contain the components to manage lock and access



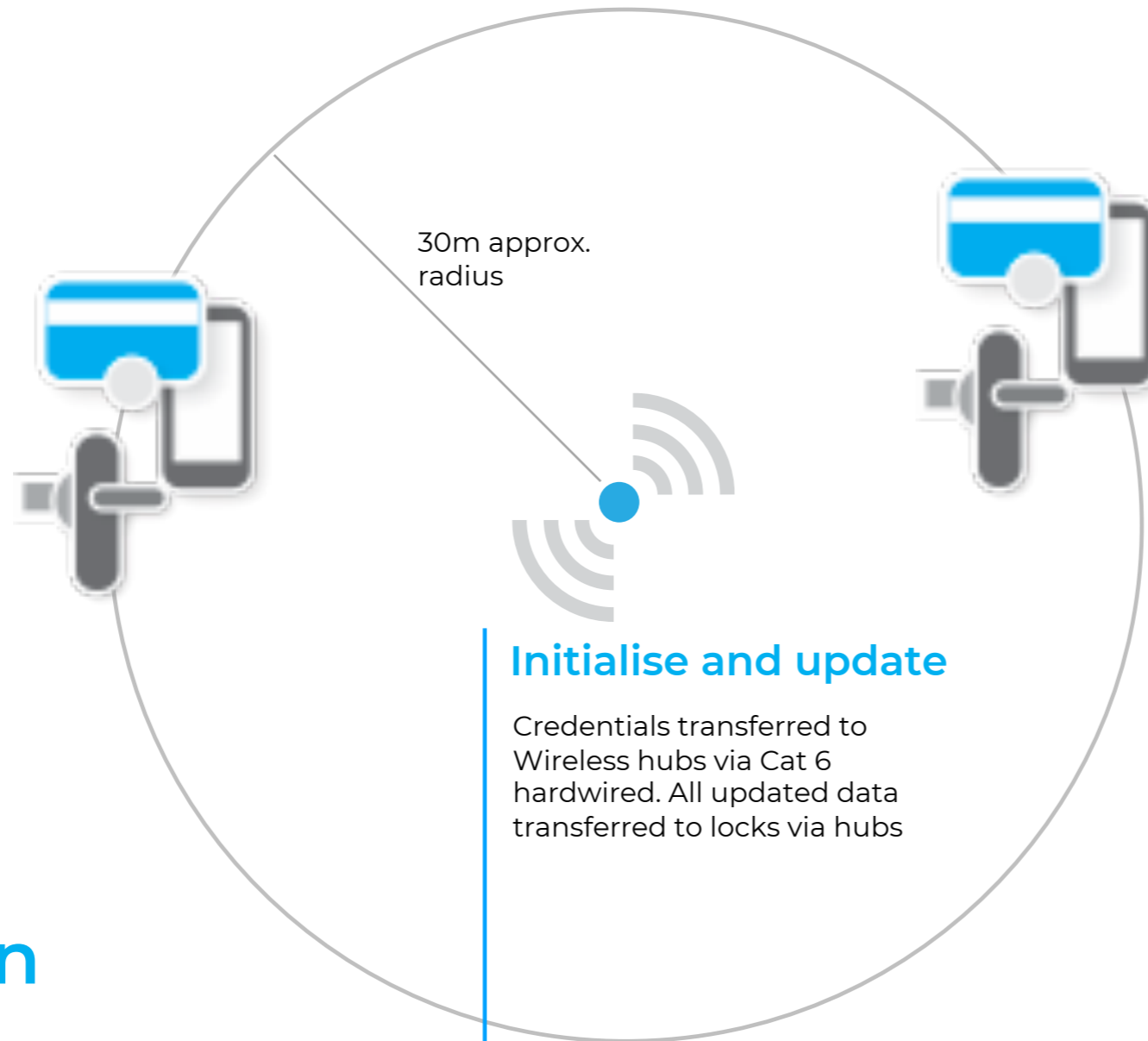
### Mortice Locks

The physical locking mechanism within the door and the door frame



### Access Cards/tags

Options for carrying personalized access rights and designed to activate door and lock



the keys to the solution are not the keys

# Wireless & Card option

Managed by School

30m approx. radius

## Initialise and update

Credentials transferred to Wireless hubs via Cat 6 hardwired. All updated data transferred to locks via hubs

## Custom access

User downloads app and Credentials are allowed through app, and access granted by lock through Wireless hub



Optional encoder if cards are used with smartphone app access



## Set up, manage and update

James Bull set up software for your school staff to manage custom access rights If cards also used they are managed through encoder on site



## How does it work and become a reality...

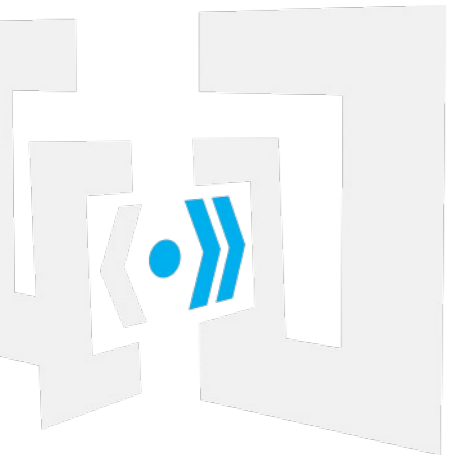
We provide card and bluetooth access locks to main doors of each block enabling keyless access for staff.

All other doors within blocks fitted with standard doors locks, lockable from inside with knob

Staff only need to carry customised card/phone that provides customised access to areas as required.

If card is lost, simple process wipes credentials and replacement cost for card is minimal. Simple. Easy and safer!

If a staff member leaves or another user, their app credentials can be easily revoked.



## Frequently asked questions?

### How long does the battery last?

It does depend on use, but at least a year and sometimes up to 3 years

Battery status is always available on your portal and alerts are set up to ensure you never get caught out with a flat battery

### What is the network goes down?

Your cards, tags, and phone will still activate doors, you will just lose the ability to update credentials and lockdown

Each door has its own battery power and will activate with card, tag or phone independently

### What happens if the card/tag doesn't work?

You can always use the key override system

More than likely another staff member with similar rights can access with their tag

### How safe is Bluetooth and RFID?

This connectivity protocol is now recognised as the most secure device to device data transfer system

Bluetooth is being implemented in all of the most advanced systems where this communication is required



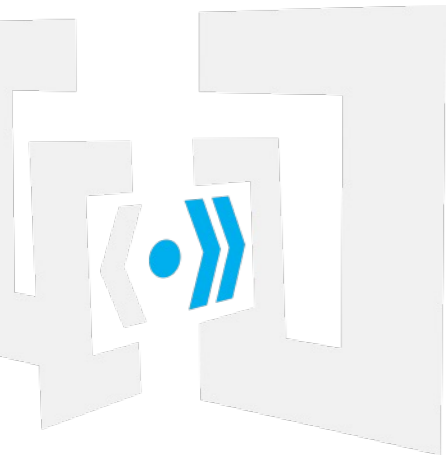


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Wireless and Key Capability

## Revisiting the benefits for the school...

- Reducing costs
- Improving security
- Simplifying access management
- Enable greater use of facilities after hours
- Adding customisable access
- Improving lockdown capability
- Future proof system designed to scale
- Capacity to manage range of door types
- Can be fitted to existing hardware



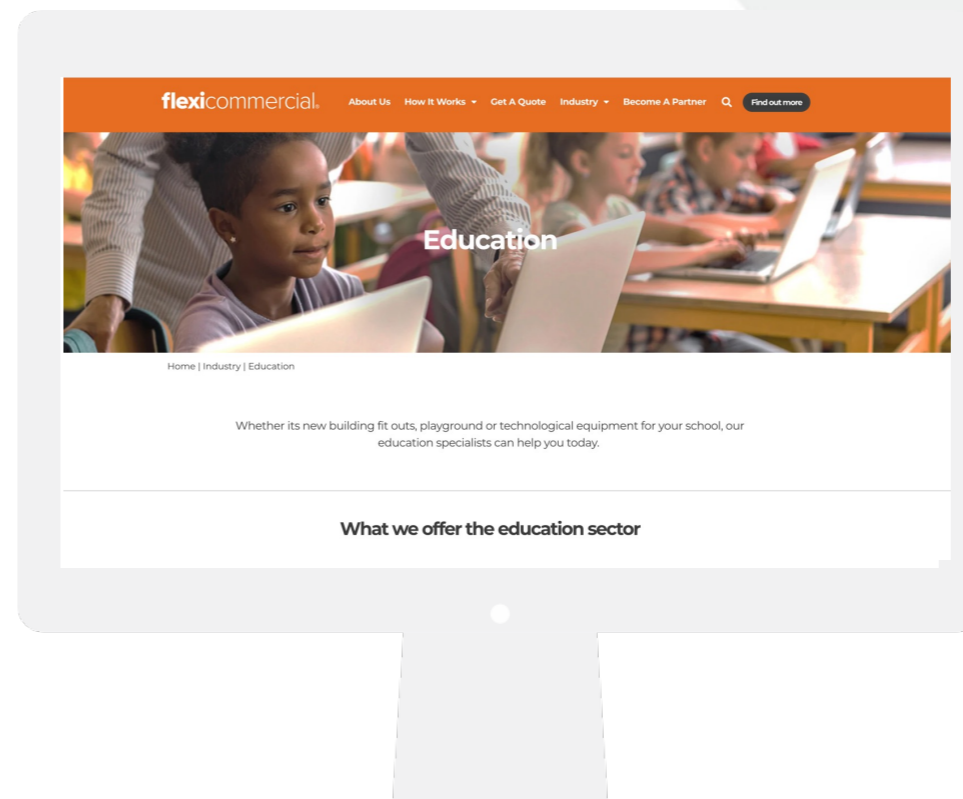
When you're looking for a way to pay...

# leasing options are worth considering

Frees up capital expenditure for other options

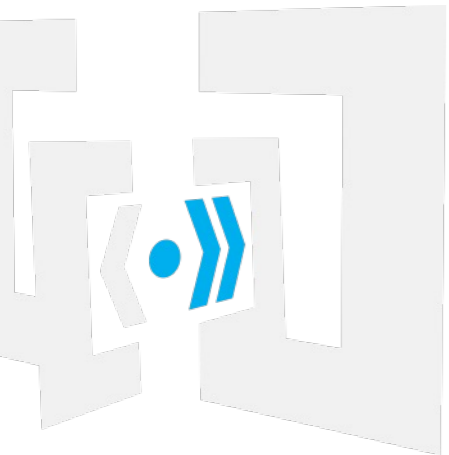
Becomes a fixed expense that can be budgeted for over a period of time

Can make the project possible!



## flexicommercial™





have you  
got any  
other  
questions ?



**jamesbull**  
ACCESS & SECURITY



**Chris Wright**  
cnwright@jamesbull.co.nz  
027 432 7308