



Unlocking solutions for

Educational Facilities

CHRIS WRIGHT

James Bull : Access and Security

May 2022

SCHOOL



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Introducing...



James Bull have provided Christchurch and New Zealand with locksmith services for over 80 years.

With a reputation for embracing new products and innovative solutions they are excited to be able to present solutions like this to schools in New Zealand.

ASSA ABLOY

Assa Abloy is an international leader in the design and manufacture of mechanical and electromechanical locking and unlocking products for security and safety.



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



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

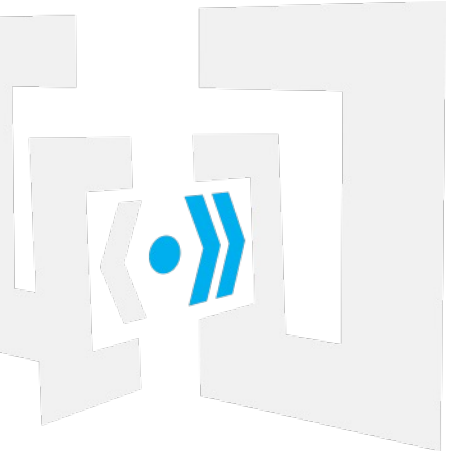
We are pleased to present a **solution** that can improve your access, security and safety of your people, while saving you time, money and stress...

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 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



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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...

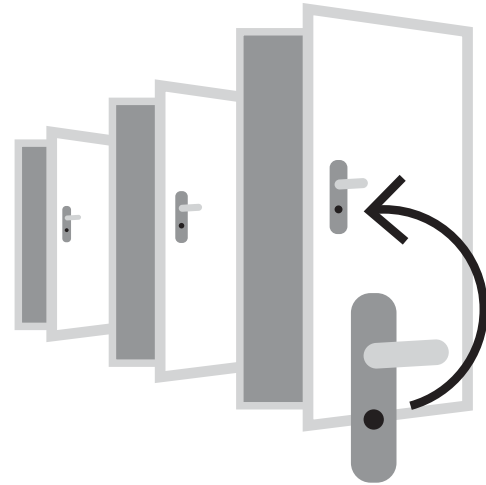
**keeping
students safe is
critical**

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

An all too common situation...

Someone loses a Master Key

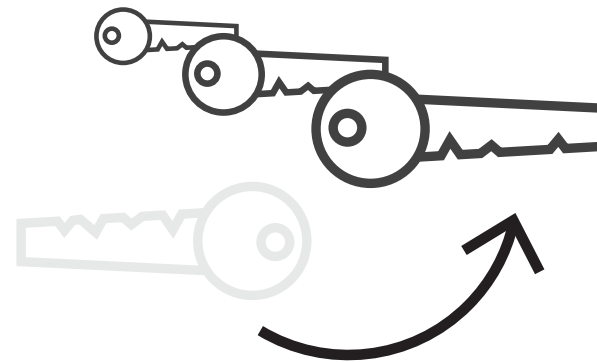


Replace locks

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

Imagine...

The future. Now



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

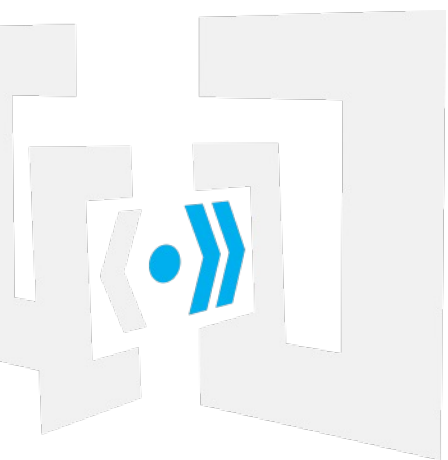
For the whole school

\$19,878.50



make the
comparison
for yourself

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



Wireless/and
card option

simple
smart
and
powerful



Computer central workstation

Operated from office base where software installed to manage all access and security credentials



Software activation

Assa Abloy custom software for managing access and security



Hubs

Transfer signal from Hubs to doors, via Bluetooth
Connected to portal with Cat 6 Ethernet cabling



Escutcheons

Face plates of locking mechanisms, contain the electronic components that manage the lock and access



Mortice Locks

The physical locking mechanism within the door and the door frame



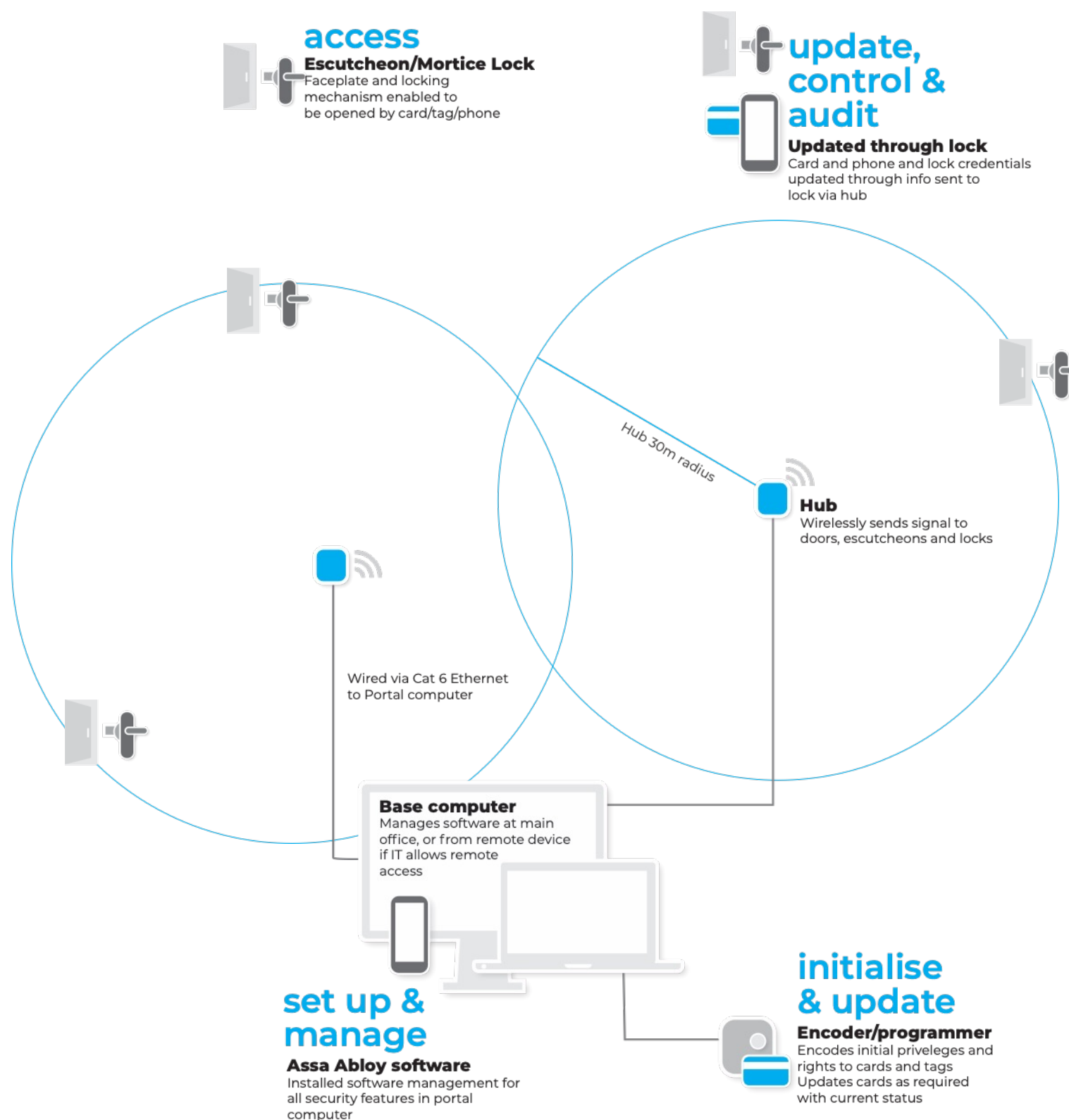
Access cards and RFID tags/smartphone app

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



Wireless/and
card option

the keys to
the solution
are not the
keys





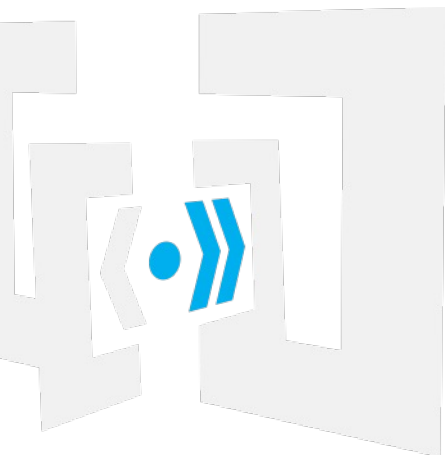
How does it work and become a reality...

We provide card 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!



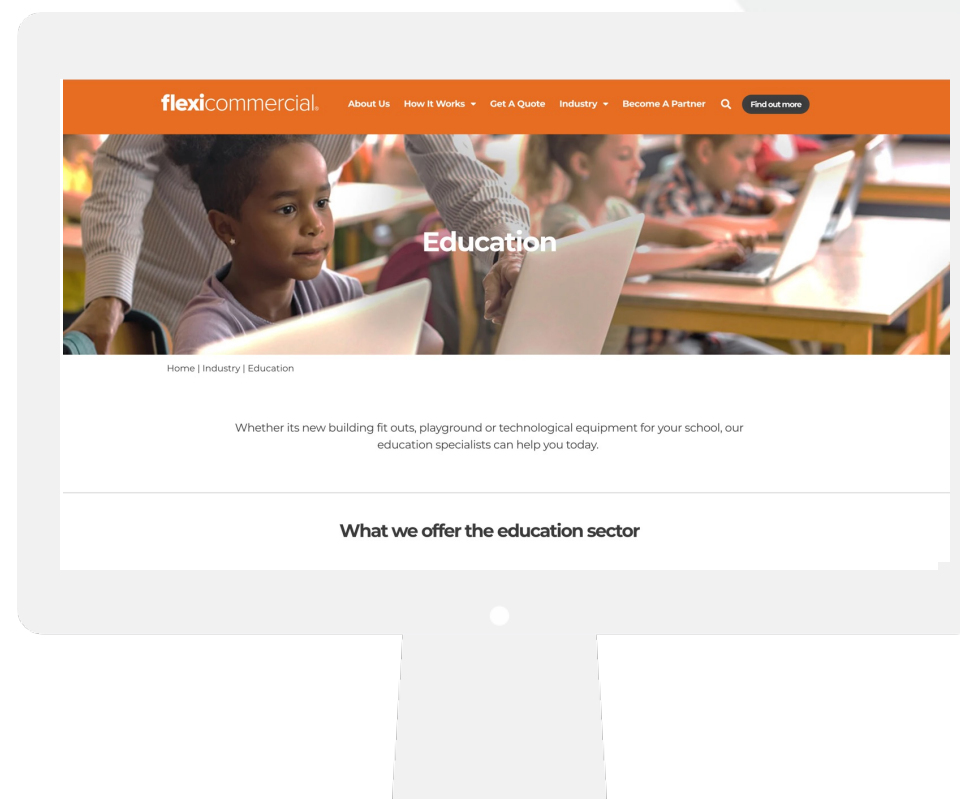
When you're looking
for a way to pay...

leasing options are worth considering

Frees up capital expenditure
for other options

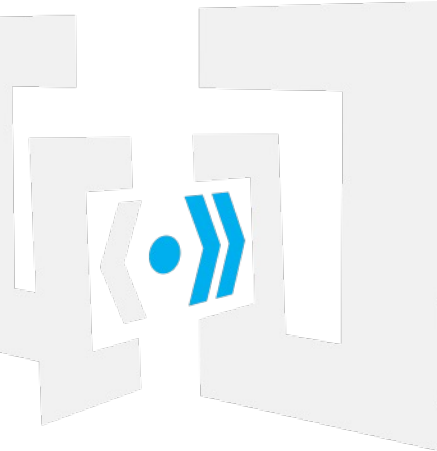
Becomes a fixed expense
that can be budgeted for
over a period of time

**Can make the project
possible!**



flexicommercial™





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

What if the network goes down?

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

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

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

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

You can always use a key override system

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

What happens when a card or tag is lost?

It's as easy as a click on your portal to deactivate, and then activating a new card with the same credentials

The cost of a new card is approximately \$17.00

What do we do if we can't afford the whole system?

When it comes to lockdown, knowing you have some of it sorted means you are already better off...

Not every door is critical, and some have much higher use. Deal with them.

Better still consider the options of Eclipx

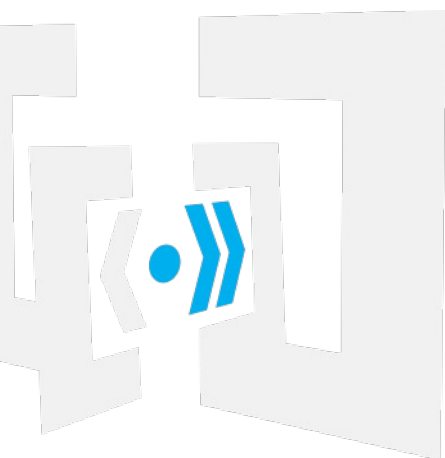


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Wireless and Hard Wired Capability

Revisting 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



have you
got any
other
questions ?



jamesbull
ACCESS & SECURITY



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