



Unlocking solutions for

# Educational Facilities

**CHRIS WRIGHT**

James Bull : Access and Security

May 2022

SCHOOL

# SCHOOL

## Introducing...



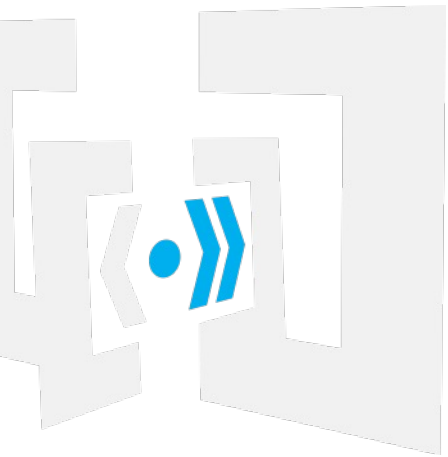
**James Bull** have provided Christchurch and New Zealand with locksmith services for over 80 years. With a reputation for embracing new products and innovative solutions they are excited to be able to present solutions like this to developers, owners and managers of accommodation facilities in New Zealand

## 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.



**Aperio®** is new technology developed to complement new and existing electronic access control systems providing end users with a simple, smart way to enhance the capability to manage access more effectively.



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

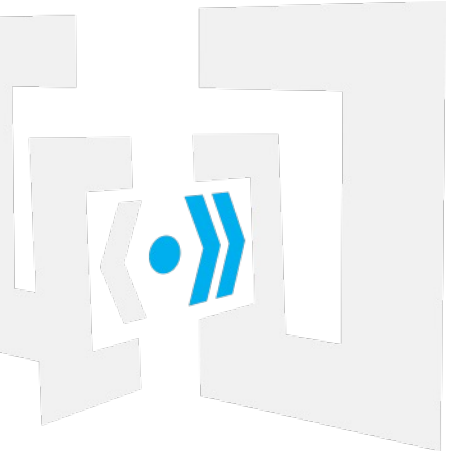
We are pleased to present a **solution** that can improve your access, security and safety of your people, while saving you time, money and stress...

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.



# SCHOOL

## 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



# SCHOOL

## 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...

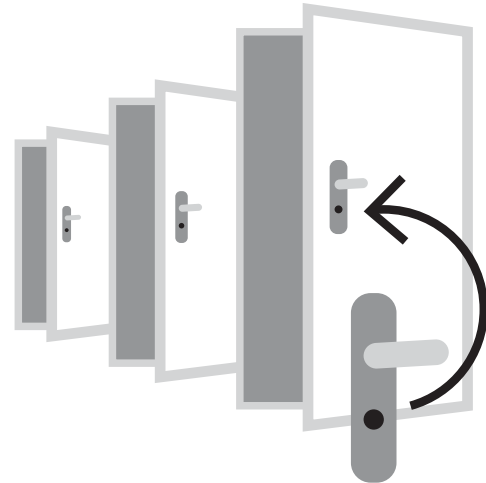
**keeping  
students safe is  
critical**

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

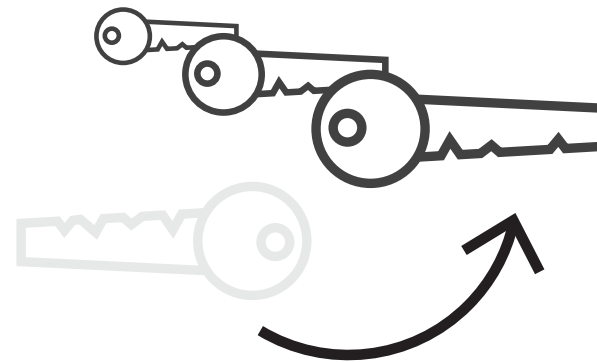


### Replace locks

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\***

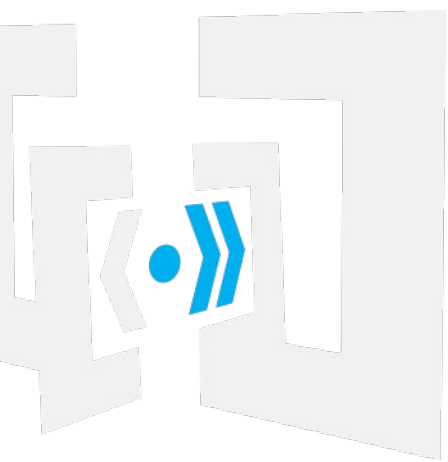
The time it takes to enter a few  
numbers on the screen

And the cost of a card

For the whole school

**\$19,878.50**





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

## Reduce costs

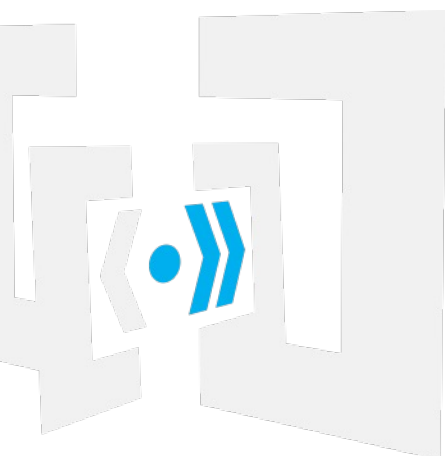
- Cut costs incurred when cutting keys
- Cut time involved changing keys over
- No extra wiring required during installation
- Knowing security status can reduce costs
- Avoids extreme costs of rekeying locks
- Potential to reduce insurance premiums

## Improve security and safety

- Ensure credentials are current at all times
- Reduce impact when keys go missing
- Adjust access rights and credentials easily

## Lower stress...manage easier

- Remove stress of locating and sharing keys
- Enable greater use of facilities by more users



make the  
comparison  
for yourself

	Master Key Keys cut to offer different access rights	Aperio Panel Cards or tags allow access	
<b>Custom access rights</b> Manage access to specific areas And allocate to staff	●	●	
<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 with remote access to panel	●	●	
<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	●	●	



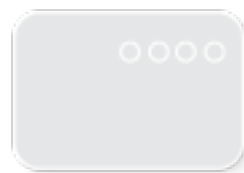
Wireless and Hard Wired  
Capability

Simple  
Smart and  
powerful



#### **Aperio Command Centre**

Desktop software allows School to manage Aperio® panel and all access credentials for users



#### **Aperio® Panel**

Central control panel that connects to hubs and direct to any hard wired access doors

Managed by the school



#### **Hubs**

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

#### **Hard wired**

Options to directly connect via hard wire from Command Panel



#### **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



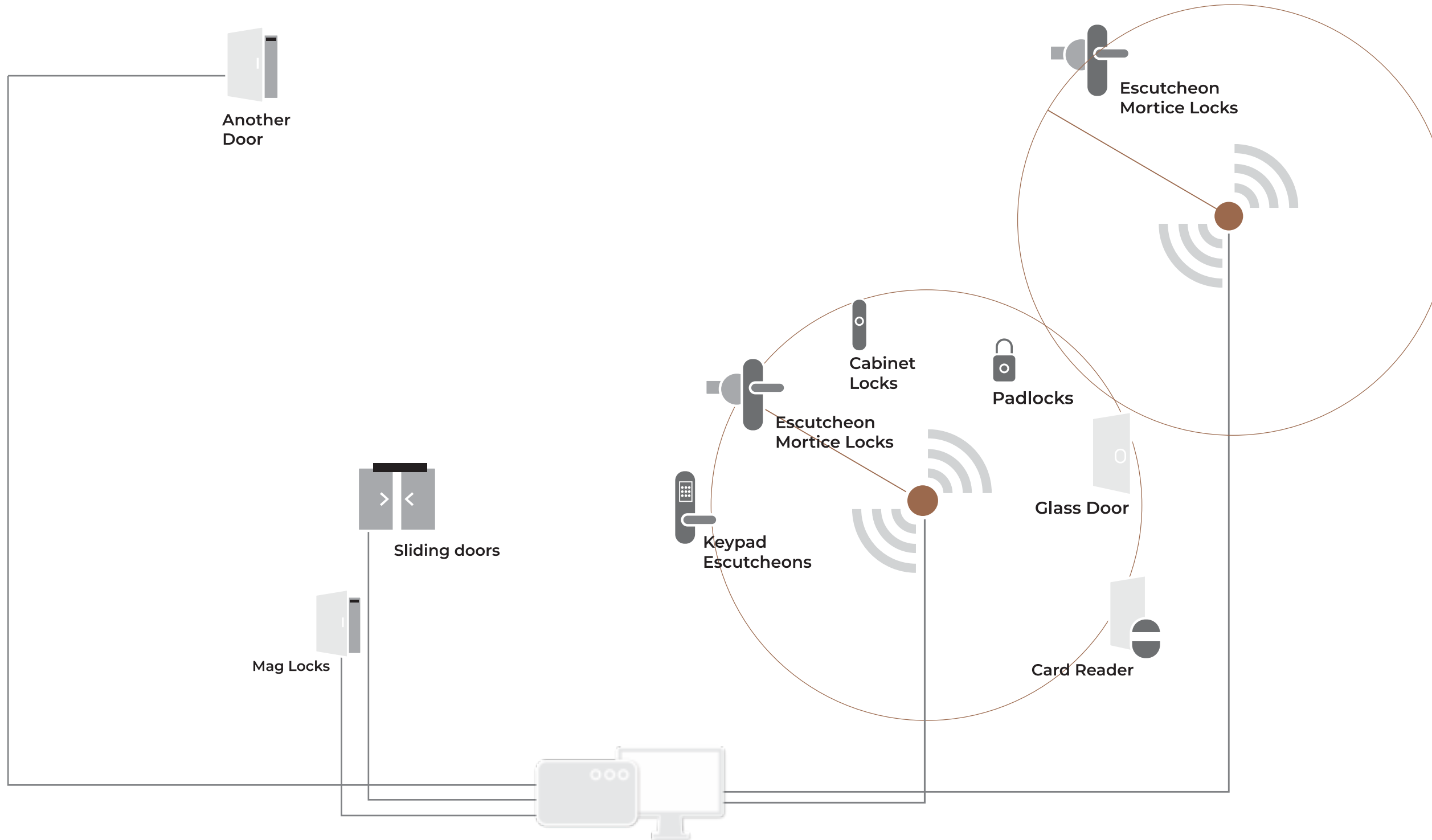
#### **Other lock options**

Padlocks, cabinet locks, mag locks are all able to be managed either through hub, or hard wired



#### **Access Cards/tags**

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



**HARD WIRED**

Options for multiple lock and access options controlled through hardwired systems, direct from control panel

**Control & record**

**Dedicated panel(s) on site**  
Aperio® panel(s) connected via IP/Internet protocol  
Managed by school onsite via software and desktop computer.

**WIRELESS**

Options for multiple lock and access options controlled through wireless hub connected to the control panels



## 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!

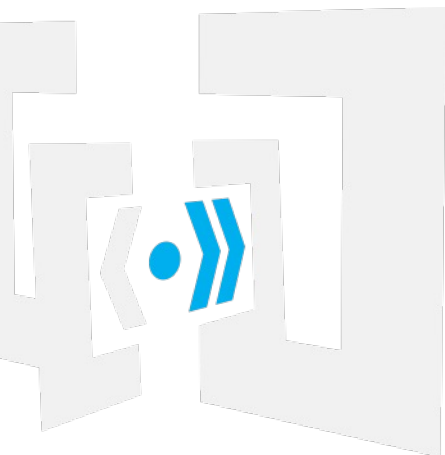


SCHOOL

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



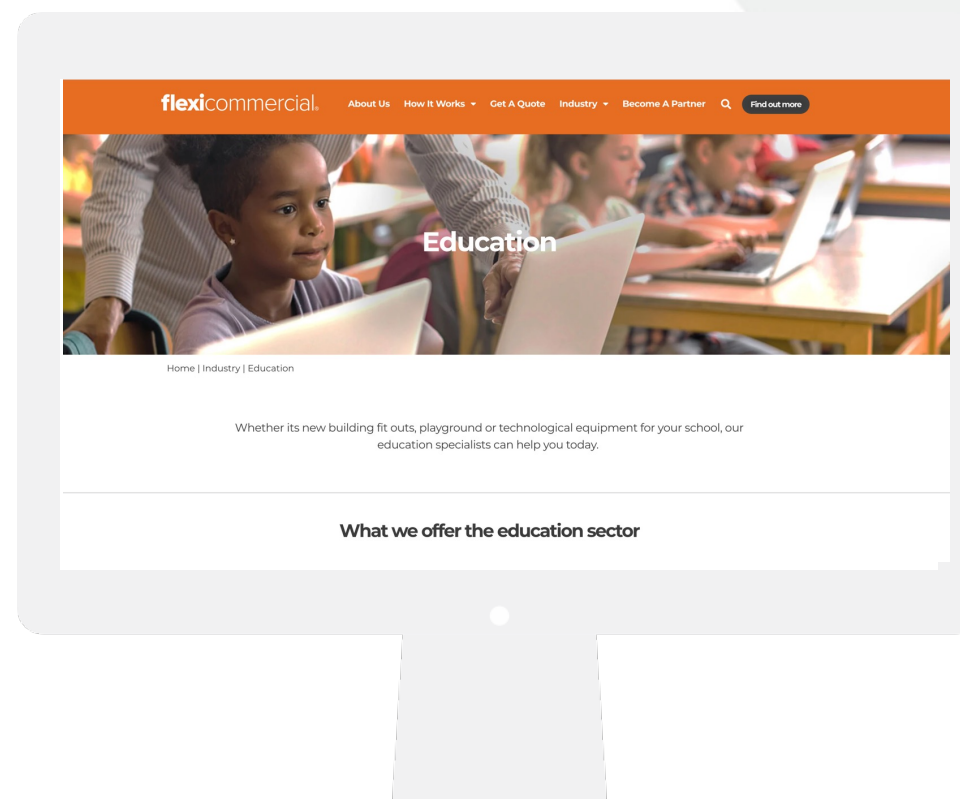
When you're looking  
for a way to pay...

## 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?

