



Specifying for Education Facilities





Why Access Control?

Paxton specialise in access control solutions. Electronic access control provides the most efficient and convenient way of securing educational facilities.

Installing an access control system means that you will never have to change a lock again. Tokens are issued to allow access through the controlled doors,

and are easily barred from the system if they are lost, stolen or just not returned by someone who leaves the site.

Access control gives education facilities the security, management and convenience that they require.



Wesleyan School

Net2 Access Control Provides a Secure Education Environment for Students

Type of site:

Education/School

Location:

Georgia, USA

Number of users/doors:

- 200 staff/475 high school students
- 52 doors
- 2 gates/9 buildings

Solution required:

- Flexibility to adjust schedules
- Secure the perimeter and school buildings

Result:

- Instant lockdown
- Time zones feature to plan access for after school clubs and sports
- Complete customer satisfaction

Paxton products used:

- Net2 plus
- Net2 Pro software
- Net2 Entry VR panel
- Net2 Entry monitor

Integration:

- Avigilon CCTV



“Since we began installing Paxton at Wesleyan, it has worked exactly how we wanted it to, which is excellent! It’s been incredibly reliable and our customers have been extremely satisfied with the solution provided.”

Cory Fenn, Commercial Account Manager
SSP

Access Control for Education Facilities - A Net2 System

A primary concern for education sites is to ensure the safety of staff and students, as well as protecting property and equipment from theft or damage. However, a security system also needs to be flexible enough to manage the movement of students and the changing schedules of a busy campus.

Access control offers flexible control over users' access rights. For example, all staff can gain access through the main door of a building, but access to internal areas may be restricted to those who have a specific need to be there. Access can also be restricted by time, only granting access to particular users at certain times of day or night, making the security management of any building, such as a school or college, incredibly simple.

Managing Your Building

Net2 – is a user-friendly and flexible networked access control system. It allows users to manage systems from one central platform making administration simple and straightforward.

Net2 Entry – a smart, simple video door entry system. Includes inbuilt access control; perfect to use as part of a Net2 access control system. Easy to install, it provides visual verification before granting access.

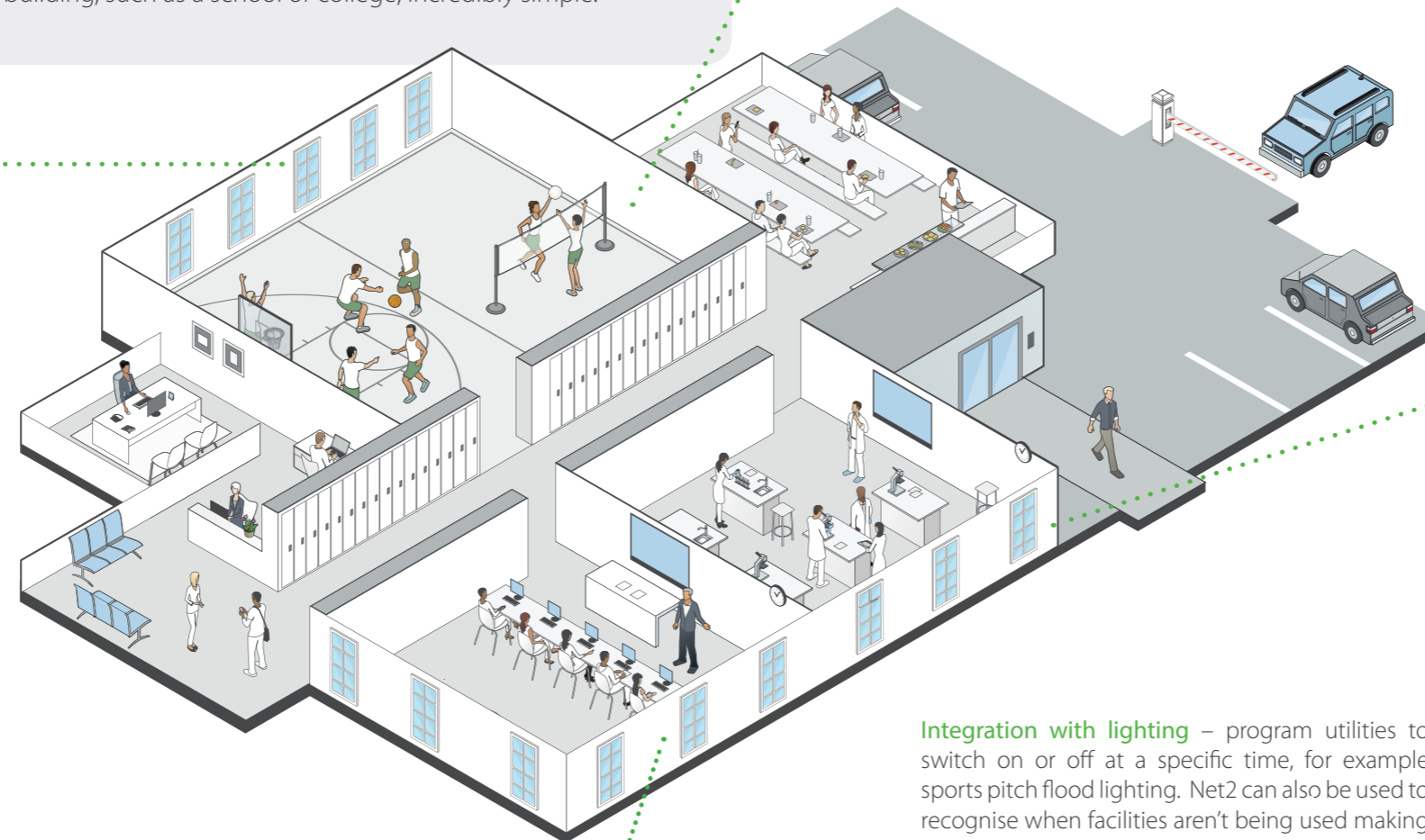
Net2 PaxLock – a networked access control solution in a door handle. It communicates wirelessly to the server PC via a wireless bridge, reducing cabling and can easily replace existing door handles.

Reports – build customised reports about user events for individual doors or groups of doors at any time. They can be saved and/or emailed. There are a number of pre-configured reports for quickly accessing standard data.

Energy saving readers – these readers can be used as an electrical switch to control facilities such as lights and air conditioning. These facilities can be turned on by placing a valid proximity card in the holder on the front of the reader and removing the card turns the equipment off.

Door/Building grouping – split the site into specific public and private areas, to make adding users with access permissions easier than programming each individual door.

Anti-passback – prevent unauthorised users from sharing tokens by setting restrictions within the software. This prevents the same token being used more than once to gain access.



Setting Access Rights

Central administration – restrict operators to only administer users within a specific user department and also apply specific access level permissions.

ID card design – an access control system used with a card design package means cards can double up as ID cards. This feature is available as part of our Net2 Pro software package.

Emergency lockdown – secure the site quickly by disabling valid user access through selected doors at the touch of a button; disable exit buttons and relock doors held open by time zones. In the event of an emergency, specific security personnel only can be permitted to pass through these doors during lockdown.

Multi-factor authentication – if an increased level of security is needed more than one method of authentication can be set on the system to verify the user's identity to gain entry or exit such as by PIN plus proximity token. This function can be deployed and activated when necessary.

LAN and WAN networked – utilising an existing cable infrastructure, Paxton's Net2 system is administered from the PC, making central administration easy.

Integrating the System

Third party integration – Net2 seamlessly integrates with CCTV systems, biometrics, visitor management and intruder and fire alarm systems. The Net2 software allows users to manage these systems all from one central platform, making administration simple and straightforward.

- **CCTV integration** – Net2 integrates with many industry leading solutions, making it possible to review CCTV footage from within the Net2 system, as well as connecting to individual IP cameras in order to view a live feed at the door.
- **Biometric authentication** – a system that relies on the unique biological characteristics of individuals to verify identity for secure access to electronic systems, e.g. fingerprint verification. This type of identity verification can be integrated with Net2 when a higher level of security is required.

Automated Security Settings

Auto expiration dates – indicate the dates between which the user's access is valid. Visitor cards, for example, can be configured so that their card automatically expires after one day. Contractors or temporary staff cards can be configured to have access between certain dates and times.

Roll call – set your system to generate an automatic roll call report when the fire alarm goes off. This helps to identify exactly who is safe once the building has been evacuated.

Integration with lighting – program utilities to switch on or off at a specific time, for example sports pitch flood lighting. Net2 can also be used to recognise when facilities aren't being used making sure empty rooms or areas don't cost money.

About Paxton

At Paxton, we design and manufacture market leading IP access control, door entry and building intelligence systems for smart buildings.

With over 30 years of experience, we put our core values of simplicity, quality and honesty at the heart of everything we do. Our products harness the latest technology to provide solutions that are easy to specify, install and use. We provide world class technical support and free training to ensure we consistently exceed our customers' expectations, supporting them and their businesses.

We develop systems for a wide range of sectors including education, healthcare, retail, leisure, commercial, public sector and provide solutions

suitable for a wide range of sites and requirements. At present, around 25,000 buildings are secured by Paxton globally, each year.

Based in Brighton, East Sussex, Paxton manufacture locally and export to over 60 countries worldwide. Our team is constantly expanding internationally and we currently have over 300 employees at 12 locations across the globe with offices in the UK, USA, France, Germany, South Africa, UAE and Benelux.

Paxton projects include Manchester United, graze, Michelin, Cherbourg Airport, Boucheries Nivernaises, Ostermalm Food Hall, Kingsway Park High School and Foyles.

FREE Consultant & Specifier Resource

We provide all the necessary help in the preparation of tender specification documents in the form of a Consultant and Specifier Resource. This includes:

- Compliance information
- Data sheets & drilling templates
- Technical product guides

Get in touch

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