An Easy Guide to IP Access Control

For infrastructure installers and integrators

Contents

What is Access Control?

Access control is about securing doors, controlling access and the flow of people around a building. Instead of a traditional lock and key method, access control can secure a building electronically, managing who has access, when they have access and where they can access. IP access control connects directly to the building's network, and can be centrally managed from a PC.

- **Saves money** on replacing lost keys
- **Modern** solution for building security

- **Complete control**
- **Flexible** security

How does IP access control fit in with my business?

Networked IP access control is a simple addition to any building's existing network. You can easily offer IP access control as a security solution to sites where you are already installing IT infrastructure.

Your business can be a one-stop-shop for IT infrastructure and security as your customers can get a complete solution direct from you. Don't let customers go elsewhere for security solutions when you can diversify into IP access control and boost your business.

Ideal sites for selling IP access control:

- Schools and universities
- Offices
- Accommodation blocks

- Hospitals
- Commercial buildings
- Listed buildings

Who is Paxton and why should I work with them?

Paxton is the UK market leader in the design and manufacture of electronic access control.

We offer all our installers exceptional support and product guarantees, to make their job easier and their lives simpler.

- Free installer training

- Our industry leading technical support is open Monday – Friday (7am-7pm) and Saturday (7am-1pm)

- 5 year guarantee on all products, no quibble returns policy

- Over 30 years of industry experience

- 25 system installations per day in the UK

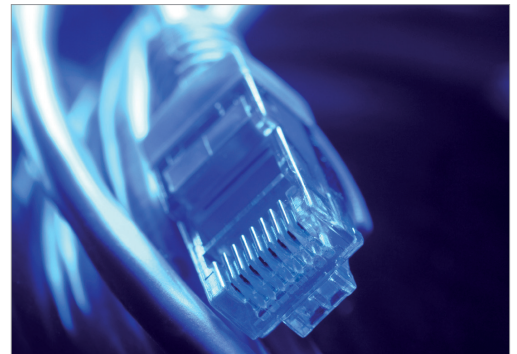- High quality products, designed with simplicity in mind

How can Paxton IP access control help my business?

Paxton's access control solutions are IP ready and IT friendly, and a genuine addition to existing IT infrastructure installations.

Our products are exceptionally easy to install, with a range of plug and play solutions that are designed to make the management of any building incredibly simple.

Using your existing knowledge and skills, you can start offering Paxton's IP access control to customers and expand your service offering. Score incremental sales in access control from existing customers.

- **Easy to quote** – build an access control system, one door at a time

- **Easy to install** – plug and play solutions, clear labelling and instructions

- **Easy to deal with** – industry leading support and back up

We make sure that our installers can quote and install Paxton systems with complete confidence. We are there every step of the way to support installers with the move into IP access control.

"We branched out into offering IP access control and the simplicity of Paxton products was really surprising. We found it easy to learn and training was completed in a matter of hours at our own premises. We will carry on installing IP access control – it makes sense for our customers and it makes sense for us. "
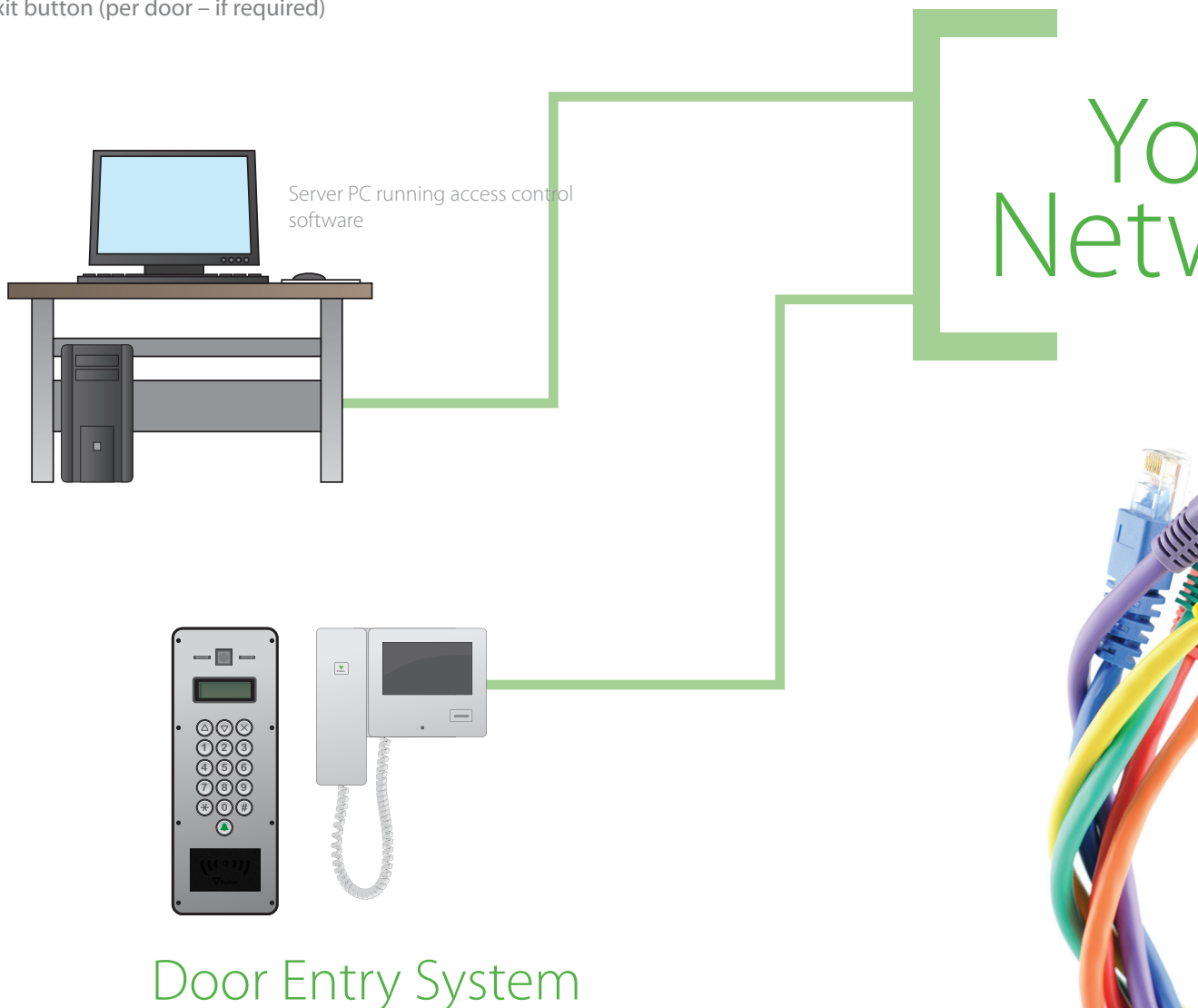John Pickworth – Reliatech.

IP Access Control on the Network

Net2 is Paxton's user-friendly and flexible networked access control system, which is managed from a central PC. Net2 offers IP door controllers that are wired, wireless or battery powered, to suit any site requirement.

IP products in the Net2 range connect straight to an existing network, with minimal wiring needed. You are free to simply build your Net2 system one door at a time, connecting straight to the network.
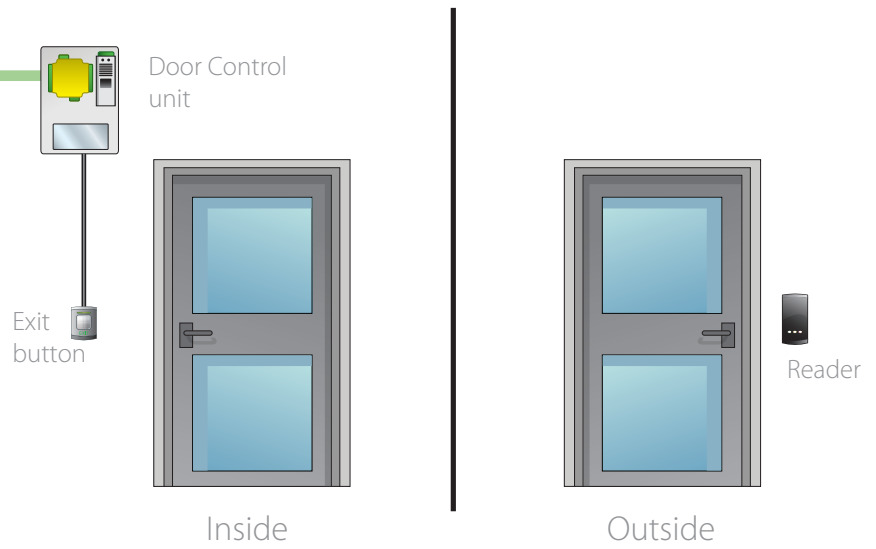
A simple system set up:

- 1x Net2 software

- 1x door controller (per door)

- 1x reader/keypad (per door)

- Net2 tokens (per user)

- 1x exit button (per door – if required)

Server PC running access control software

Yo
Netw

Door Entry System

Wired access control solution

Door Control unit

Exit button

Reader

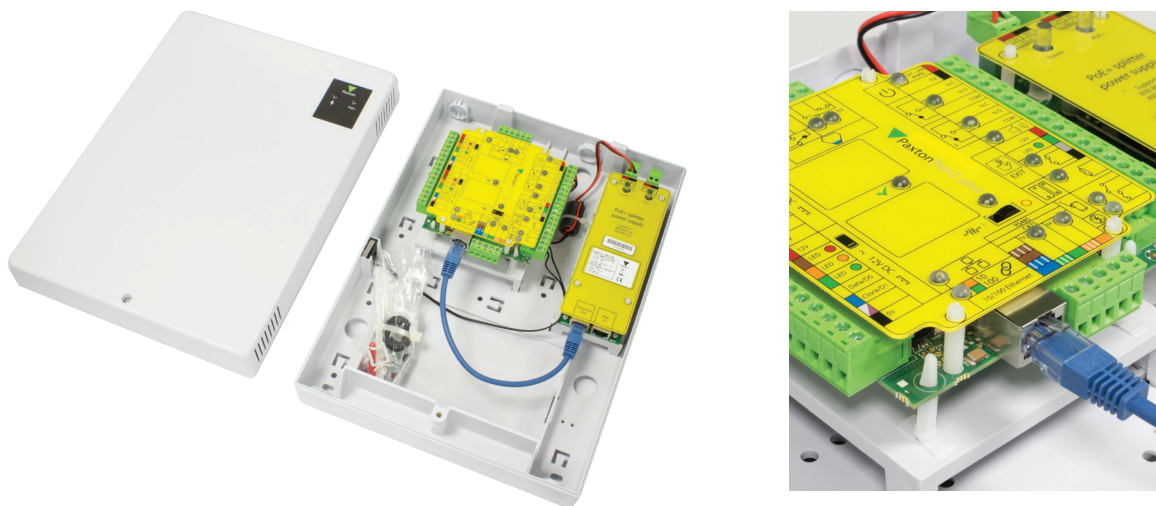Inside

Outside

Wireless access control solution

Wireless door handle

our

work

IP Access Control Products

Wired IP access control

The door controller is the brains of the access control system, communicating to the central PC. Net2 plus with PoE is our door controller with built in TCP/IP connectivity, to allow direct connection to the network.

Electronic readers and keypads

Readers and keypads connect to the door controller at the door. They forward requests to the controller when a user presents their token. Users are then granted or denied access depending on permissions in the Net2 software.

Here is a selection from the Net2 reader range for use with Net2 plus controllers, designed to suit any site requirement.

Proximity reader P50

Marine reader

Energy Saving reader

Vandal Resistant Metal Keypad

Wireless IP access control

Net2 PaxLock is a networked access control solution in a door handle. It communicates wirelessly to the central PC via a wireless bridge, reducing cabling and installation time.

Door entry

Door entry systems are an important part of a building's security system, allowing visitor identification before they are granted entry. Net2 Entry is Paxton's simple video/audio door entry system with built-in IP access control, perfect to use as part of a Net2 access control system.

- 3 components – monitor, panel and controller

- No complex wiring or diagrams

- True plug and play solution

- Simple expansion with PoE switch

Straightforward and easy to use

- No need for specialist technical knowledge
- Easily add or delete system users, staff and visitors

Simple management

- Free software upgrades
- Install free of charge to multiple PCs

High security

- Secure a building at the touch of a button
- Prevent unauthorised users from sharing tokens

Smooth HR processes

- Keep track of staff hours and holiday
- Design ID cards that double up as access cards

Access Cont

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features, designed to n
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Net2|So

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Building control

- Control access for groups of doors in a building
- Set the system to switch off utilities at a certain time

Access control on the move

- Use the Paxton Connect Admin app for easy and flexible Net2 site management
- Manage multiple sites remotely from a smartphone
- Available to download from the App Store or Google Play

Integrate with CCTV, fire and intruder alarms

- Open fire doors in the event of the fire alarm going off
- Generate a report of who's in the building in the event of a fire
- Quickly view CCTV footage related to each door in a building
- Control alarm settings for separate access control units in different areas

Software Development Kit

- Create bespoke applications that integrate with access control
- Customers with extra requirements get exactly what they need from their Net2 system

Additional Features My Customers Will Like

Hands free access

Paxton offer IP access control solutions with hands free capability, a great way of improving movement around a site.

Hands free technology means a user's token is read from within a pocket or bag, and the door unlocks on approach. This is useful for gates and barriers, loading doors and where disabled or elderly people require access.

- Warehouses
- Hospitals
- Offices
- Vehicle access

Save money on energy bills

Paxton's IP access control solutions have energy saving capabilities, to save customers money and reduce their carbon footprint.

Net2 access control can manage lighting, heating, water and air-conditioning. Settings in the Net2 software can be programmed for a particular time, or in response to a specific Net2 event, like swiping a token. Net2 software can recognise when facilities are being used, making sure that empty rooms don't cost money.

- Avoid energy wastage
- Save money on energy bills
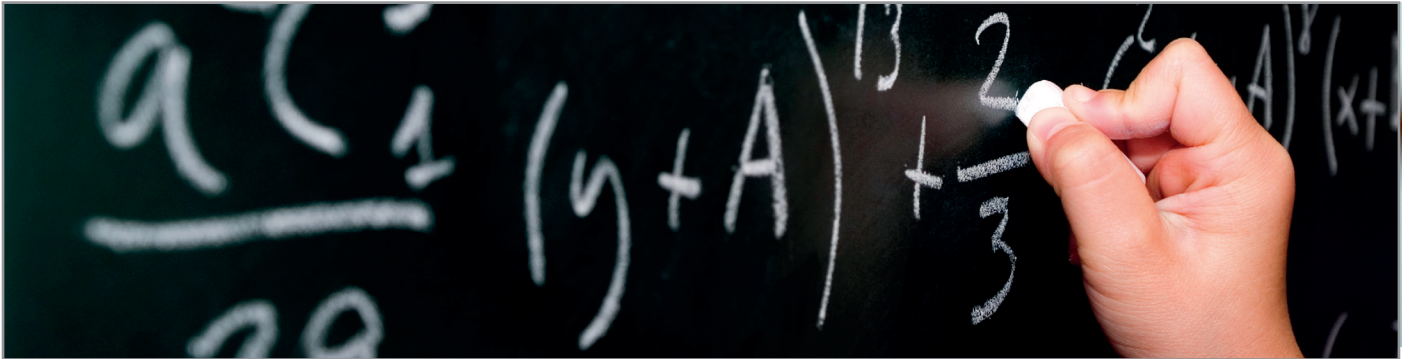- Improve green footprint

Finger print readers

Paxton's Net2 software can integrate with various finger print readers, perfect for sensitive sites that need extra security.

- Police stations
- Airports
- Schools and universities

Where Can I Sell IP Access Control?

Schools and universities

- Reception areas
- Halls of residence
- Staff rooms and offices

Healthcare

- Hospitals
- Care homes
- Mental health units
- Surgeries

Commercial buildings

- Private offices
- Factories

Are You Ready to Make the Move into IP Access Control?

Paxton are here to support you the whole way.

Arrange a visit from a Mayflex expert

Book a visit from a Mayflex sales expert, where you will get help and advice on how to explore market opportunities and pinpoint where you can increase business from existing customers.
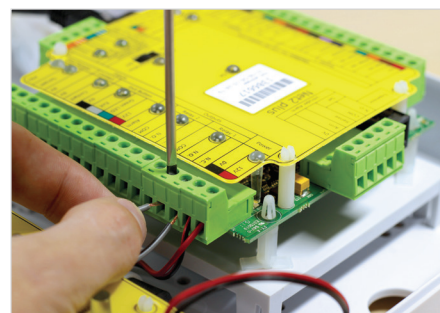
Email **sales@mayflex.com** to arrange your visit.

Free training

We offer practical training for our complete range of networked, standalone and door entry products. Sessions are designed to provide you with the essential knowledge needed to install Paxton products quickly and efficiently.

If you require installer training, email us at **training@paxton.co.uk**

Paxton 5 year guarantee and hassle free returns policy

We offer a five year guarantee on all our products. If a problem arises, follow these three simple steps and we will get your return sorted:

1. Call into Support if a problem arises on site, Support will then troubleshoot the issue.

2. If the issue cannot be solved, you will be supplied with a returns number.

3. Within 30 days you can either:

   a. Send the product directly to Paxton with the returns number for an exchange

   b. Return to your distributor for an exchange

Contact us

Call Paxton and you will be put straight through to our expert support team, based at Paxton House. Our friendly team are available from 7am-7pm Monday-Friday, and 9am-1pm on Saturdays.

Call: 01273 811011
Email: support@paxton.co.uk
Skype: paxton.support

'We normally fit cabling, copper and IT infrastructure for telephone systems and automated voice recording systems. Traditionally, access control has been fitted by security installers, not something that we would have fitted, but that seems to be changing, and now it's coming under the IT banner.

We've now done the Paxton training, and found the systems really intuitive and easy to use. It's helpful to our customers to be able to offer them extra services. Convergence on the network makes it possible. These extra services are now within the IT remit.'
Peter Bursteinas, NICS Ltd.

Distributor - where to buy

Mayflex, leaders in the distribution of converged IP solutions, distribute all our IP access control solutions in the UK.

We regularly review the stock and make sure it is up to date, correctly stored and free from defects. To ensure the quality of your Paxton system, we advise that you purchase only though a franchised distributor.

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July 2018