An Easy Guide to IP Access Control

For infrastructure installers and integrators
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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.

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.

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
• 28 years of industry experience
• 20 system installations per day in the UK
• High quality products, designed with simplicity in mind

Who is Paxton and Why Should I Work with Them?

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

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How can Paxton IP Access Control Help My Business?

Networked IP access control is 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

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?

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“"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)
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.

**Wired IP access control**

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.

**Electronic Readers and Keypads**

- Proximity reader P50
- Energy Saving reader
- Marine reader
- Vandal Resistant Metal Keypad
- LCD reader
- Architectural reader

**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
- True plug and play solution
- No complex wiring or diagrams
- Simple expansion with PoE switch

**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.
Access Control Software

Net2 software is easy to use with excellent features, designed to make the management of any building incredibly simple. Your customers can be confident in using the software in under two hours.

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

Access control on the move
- Use iPhone apps to monitor a site remotely
- Monitor a site from a web browser, from anywhere in the world

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

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

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

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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 ievo’s 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
• **P50 readers** and **Net2 plus door controllers** fitted on external doors for a discreet but effective security solution. IPX7 waterproof rating makes them ideal for external use.

• **Net2 PaxLocks** on the doors to students’ rooms mean a wireless solution and no cabling needed.

• A **PC with Net2 software** is located in reception to manage access from a central location.

• **Hands free access control** allows disabled access for wheelchair users.

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**Example site – Halls of residence**

Net2 PaxLock

This plan shows a typical halls of residence.

- P50 readers and Net2 plus door controllers fitted on external doors for a discreet but effective security solution. IPX7 waterproof rating makes them ideal for external use.
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**Example site – University**

Net2 Mifare cards and anti-passback

This plan shows a typical University site.

- Turnstiles with anti-passback prevents students sharing tokens.
- Mifare cards allow cashless vending via a prepaid account.
- Hands free at the kitchen doors allow easy access for deliveries.
- P50 reader fitted to the external door prevents unauthorised users from entering the building.
Example site – Listed Building
Net2 nano

This plan shows a listed government building.

- Net2 nano provides a wireless solution meaning no damage to architecture or interiors - minimal cabling
- Net2 PaxLock on internal doors offers a secure wireless solution
- A PC running Net2 software means the access control system is monitored from a central location

Example site – Multi-site offices
Net2 software

This plan shows multi-site offices.

- Security for multiple sites can be managed from a central PC, meaning security can be controlled and monitored from just one place
- Building control features within Net2 software can control lighting, heating, air-conditioning and lifts
- Net2 software includes a card designer package free of charge, to give staff professional ID/access cards
- Unique designer readers can enhance the look of a building where aesthetics matter
Are You Ready to Make the Move into IP Access Control?

Paxton are here to support you the whole way.

Attend a Webinar

Attend a free 30 minute webinar from your home or office. It's a convenient and time efficient way to learn about infrastructure and security opportunities.

Arrange a Visit from a Paxton Expert

Book a visit from a Paxton 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.

Free Training at Your Own Premises

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.

Demonstration Kits

You can buy a demonstration kit to show your customers the real benefits of an IP access control solution. Visit http://paxton.info/1992 for more information.

Visit http://paxton.info/2002 to find out more

Paxton 5 Year Guarantee and Ultimate Returns Policy

We offer a five year guarantee on all our products.

All you have to do is send us your damaged Paxton product within five years of purchase and we will repair it or send you a new one. Once we receive the product it will be processed within two working days. You will receive a full report via email and your new product will be sent back to you.

We want to make life as easy as possible for installers of Paxton products. Our five year guarantee and ultimate returns policy helps us to do this successfully.

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.
Distributors - Where to Buy

Our eight UK distributors are listed below. We regularly review their stock and make sure that 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 through a franchised distributor.

**Anixter Ltd**
Beasley Court
3 Warwick Place
Uxbridge
Middlesex UB8 1PG
South: 01895 276 810
Midlands, North & Scotland: 01925 848 084
www.anixter.com

**Mayflex UK Ltd**
Excel House
Junction Six Industrial Park
Electric Avenue
Birmingham B6 7JJ
0800 881 5199
www.mayflex.com

**Norbain SD Ltd**
210 Wharfdale Road
Winnersh Triangle
Wokingham
Berkshire RG41 5TP
North: 01253 894488
South: 0118 9125000
www.norbain.co.uk

**Tate Colson**
Queen Anne House
18 Eastbank St
Southport
Merseyside PR8 1DT
01704 502800
www.tatecolson.co.uk

**G B Locking Systems Ltd**
1st Floor, Redburn House
Redburn Road, Westerhope
Newcastle upon Tyne
Tyne & Wear NE5 1NB
01912 716344
www.gblockingsystems.co.uk

**Tate Colson**
Queen Anne House
18 Eastbank St
Southport
Merseyside PR8 1DT
01704 502800
www.tatecolson.co.uk

**ADI Global Distribution**
Commercial Centre
Chatsworth House
Unit 4 Hollins Brook, Roach Bank Road
Bury BL9 8RN
0161 767 2900
www.adi-global.co.uk

**Mayflex UK Ltd**
Excel House
Junction Six Industrial Park
Electric Avenue
Birmingham B6 7JJ
0800 881 5199
www.mayflex.com

**Norbain SD Ltd**
210 Wharfdale Road
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Newcastle upon Tyne
Tyne & Wear NE5 1NB
01912 716344
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Bury BL9 8RN
0161 767 2900
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