

Net2 Access Control Features

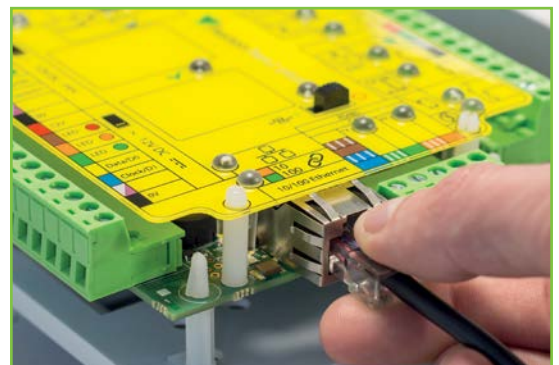
Overview

Net2 is an advanced PC-based access control solution. It offers centralised administration and control of sites from 1 to 1,000 doors, and up to 50,000 users. Tailor access privileges to groups or individuals quickly and easily using our intuitive, user-friendly software. Event reports can be generated in a few clicks and the single-door architecture makes specifying, installing and maintaining the system straightforward and scalable. Advanced features such as site graphics, IP camera integration and triggers and actions further extend the capabilities of this industry-leading system.

Hardware Features

Flexible access control hardware

- Fully online and IP, wired, wireless and battery powered solutions. Addressable over LAN and WAN networks. IP door controllers can also be daisy chained via RS485 communications
- Single-door architecture offers extensive flexibility for quoting, installation and maintenance. All IP control units offer logical read in/read out
- Controllers have inputs for door contacts, power failure and enclosure tampering to increase the security of your system
- On-board terminals integrate with any intruder alarm system
- On-board relay can be used to control external hardware



Fully integrated IP video door entry hardware

- Plug and play video entry with IPv6 and PoE
- Integrate to monitor door entry events
- Control access via proximity or keypad functions at the door entry panel
- Full details can be found here: [Net2 Entry Installer Guide](#)



Paxton readers

- Wide range of readers available including proximity, keypad, long range, vandal resistant and designer readers to suit any environment
- Paxton readers offer secure format 125kHz RFID reading, and are also available to read Electromarin (EM) 125kHz tokens and 13.5MHz MIFARE® tokens
- Our full range can be found here: [Net2 Reader Booklet](#)

Wiegand readers

- Third party Wiegand readers may also be used, providing added flexibility when replacing an existing system
- A list of tested readers can be found here: [3rd party tested readers](#)



Overview

There are two versions of the software: Net2 Lite which is ideal for the majority of sites and is free of charge, and Net2 Pro, which offers extra features for more flexible and advanced access control.

Software Features

Intuitive software

- Net2 software is compatible with Windows 8, Windows 7 or Vista operating systems and is designed to feel familiar to any Windows user

Free upgrades

- Software upgrades are always free of charge, allowing system users to benefit from new features as they become available

Unlimited client workstations

- Net2 software does not restrict the amount of operators who can have access so it can be installed free of charge on multiple PCs

Multiple operator levels

- An unlimited number of people can administer the system with different levels of security applied

Live events

- View events in real time
- Full event logging - review historical events

Reporting

- Pre-defined reports allow you to review the most relevant data quickly
- Build custom reports based on individuals, departments or doors

Open door function

- Utilise the software to open individual doors or groups of doors from a client workstation

Site graphics

- Import 2D images of your site to give a graphical view of door open or alarm status for operators or security personnel

Triggers & actions

- Administrators can easily create rules based on system events. These include sending emails, SMS, controlling doors and relays in response to access events or alarms



Timesheet & timeline*

- By allocating specific proximity readers for clocking in and out you can use Net2 to log the working hours of employees. You can also note periods of time out of the office for reasons such as vacation, appointments and unpaid leave, etc. Reports can also be exported for use with HR applications

Landlord Tenant / Advanced operator permissions*

- Operators using Net2 software can be managed in various ways to limit access and enhance security. With Landlord Tenant / Advanced operator permissions it is possible to restrict operators to only administer users within certain departments and apply specific access level permissions to those users

Roll call & muster reporting*

- Roll call allows the system administrator to obtain a report listing all users currently within a specified area. This is primarily used in the event of an emergency, such as a fire alarm, when it can be used to check that everyone is out of the building

Areas*

- Areas and area groups make it easier to set up access levels on larger sites by grouping multiple doors into a single access controlled area. It also allows the use of advanced features such as anti-passback

Anti-passback*

- The main purpose of an anti-passback system is to prevent a user from passing their token back to a second person to gain entry into the same controlled area; for example a car park

Card designer*

- Personalise access control tokens with employee pictures, details and company information

Security lockdown*

- Security lockdown is ideal for buildings or sensitive sites that need to secure the premises in the event of an emergency, allowing only specific security personnel free movement during lockdown

Energy saving application

- The Proximity energy saving reader 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. Removing the card turns the equipment off
- As an additional benefit, access to dangerous machinery can be restricted to trained users only

Customisable welcome page*

- Installers can customise the welcome screen of every Net2 system they install or maintain with their logo and contact details. This ensures that the customer knows who to contact if they need support

User image verification

- This enables the system administrator to visually confirm the identity of the user



Who is in today?

- This HTML screen displays the time that a user clocked in; recording a running total of the hours they have accumulated through the current working week

Custom days*

- Custom days offers organisations flexibility allowing users to create a one-off time period in Net2 software for special events and occasions. This is useful when organising events such as school open days, or extended store opening hours

Temporary access rights

- Temporary access permissions can be used to automatically upgrade or downgrade a user's access permissions for a set period of time

Turnstile mode

- Control bi-directional turnstiles with a single door controller saving wiring time and hardware expense

(* Features only available in Net2 Pro software

Sophisticated system integration

Bespoke Integration

- The Paxton Software Development Kit (SDK) is free to download for C# developers with no NDA to sign, and is supported via a dedicated software development forum
- Available from <http://paxton.co.uk/forum/>

CCTV integration

- Net2 integrates with many industry leading VMS/NVR/DVR/PSIM solutions such as;
 - Pelco
 - Exacq
 - Vista
 - Panasonic
 - Milestone
 - Nuuo
 - Mirasys
 - Indigo Vision
 - SeeTec
 - JVC
 - Axxonsoft
 - Avigilon
 - Risco

You can also connect to individual IP cameras from Net2 and view the live feed

Intruder alarm integration

- Alarm panels with momentary key switch inputs can be hard-wired to a controller to enable users to set and unset the intruder system using their access control token. In Net2 Pro software this can be done for multiple zones

Biometric integration

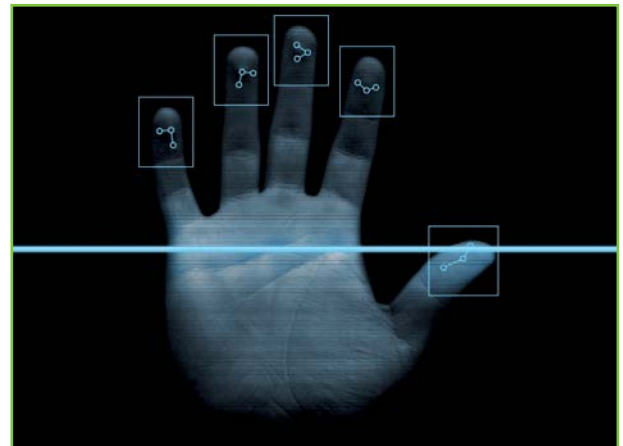
- Biometric reader solutions from ievo, Virdi and Suprema have been integrated with Net2 to simplify enrolment and administration of users where a biometric reader is required

Fire alarm integration*

- Net2 can be configured to accept an alarm signal from a fire alarm system to automatically open specified doors during an alarm condition and print, and / or email, an up-to-date report of who is in the building

Lift integration

- Utilising Net2 I/O boards or Net2 relays, the system can be configured to control access into lifts and to individual floors



(*) Features only available in Net2 Pro software

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