



THE IMPRO IXP220 ONLINE ACCESS CONTROL SYSTEM

A credible, thoughtfully designed system for the UK's discerning installers, offering substantial advantages with simplicity, flexibility, cost-efficiency and reliability. The system offers access control for up to 256 doors, 10,000 tags, 1,000 sites, TCP/IP, seamless biometrics integration and full offline capability.



impro technologies®
ACCESS CONTROL





UP TO 256 DOORS AND 1,000 SITES

■ ONE hardware platform ■ ONE reporting package ■ ONE solution for all your access control



The simplest software in the industry

- Fully redundant off-line operation including anti-passback and input/output control
- Up to 256 anti-passback doors
- 10,000 tags per system
- 100,000 buffered transactions per controller
- The IXP220 2 door system controller is mounted in a metal enclosure with a 2amp PSU already connected
- Connect a wide choice of readers up to 150m from door controllers
- Built-in communication choices – USB, RS485 and TCP/IP
- Comprehensive web reports from anywhere in the world
- Unlock facilities available giving access to multi-site operation, biometric integration, email notifications for any site transactions or alarms, up to 4 IP camera viewing and much more

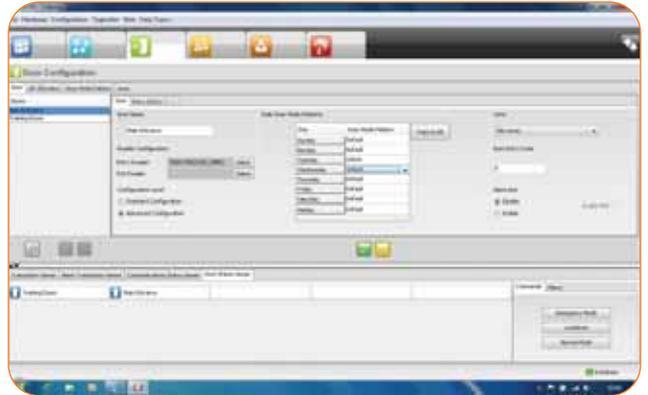
INTEGRATION OF THIRD PARTY PRODUCTS

Sagem biometric readers work seamlessly with the IXP220 using the Impro Touch upgrade. In addition, HID and other manufacturer's readers can be integrated effortlessly in most cases. Speak to our

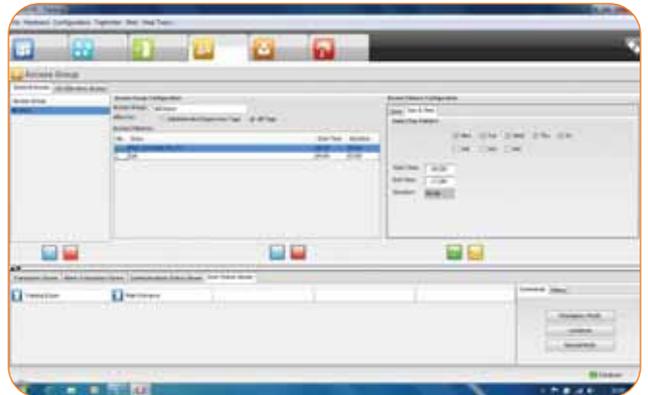
technical team to ensure your choice of reader is compatible.



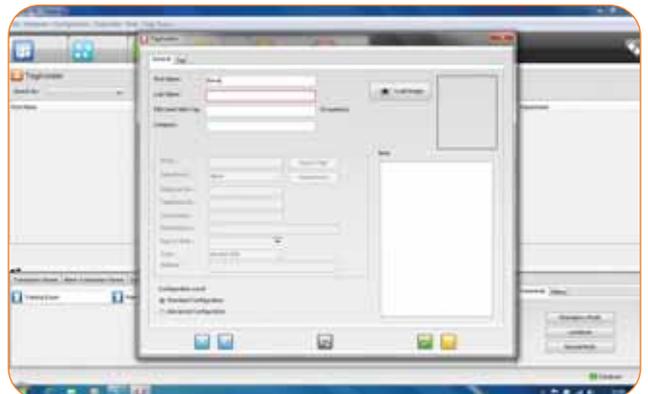
**5 YEAR
GUARANTEE
ON ALL
HARDWARE**



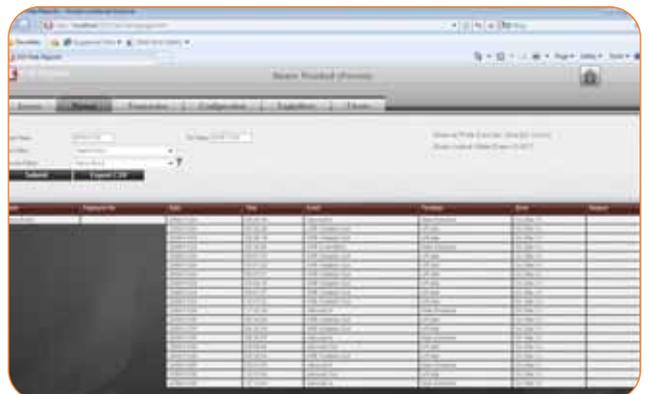
Setting door mode patterns and programming the doors is just a series of drop down choices for simplicity



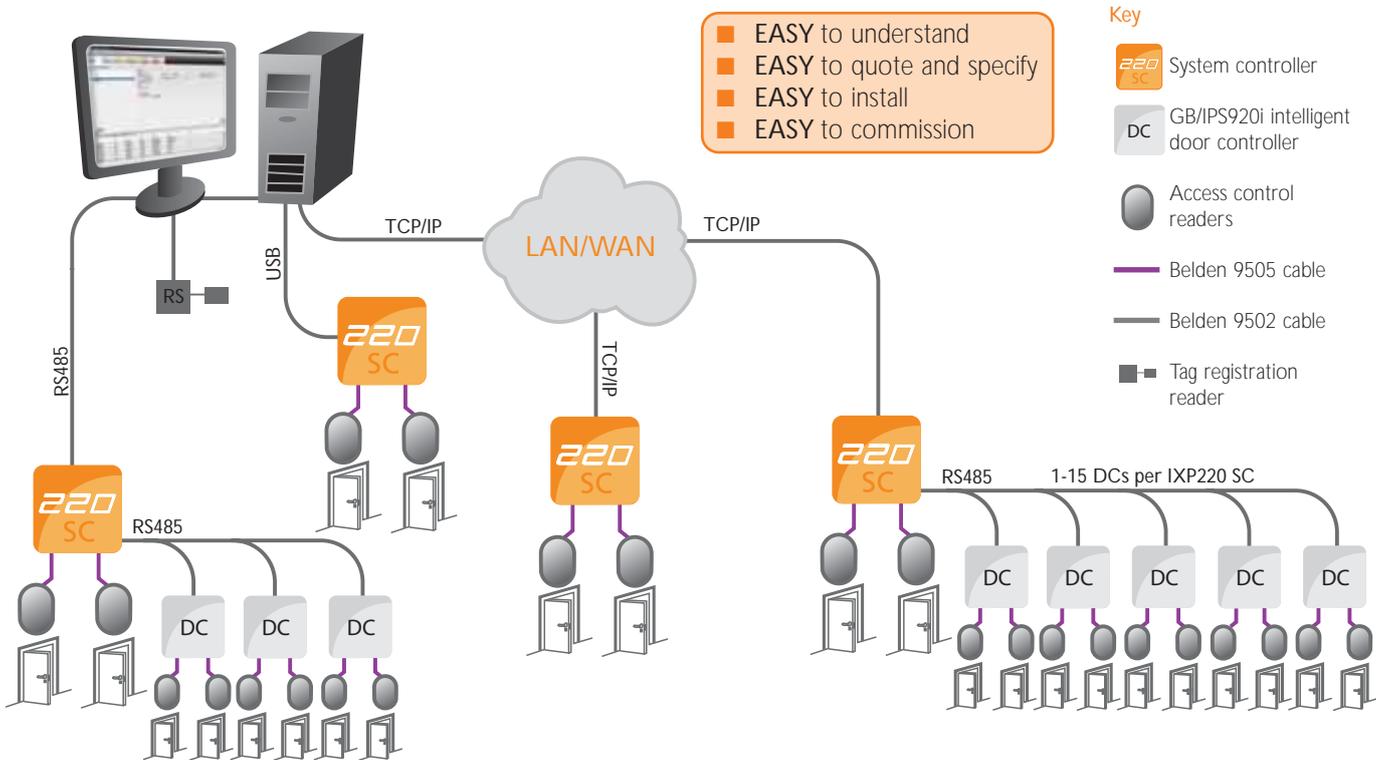
Up to 64 access groups can be programmed each having up to 8 individual patterns



Adding tagholders is child's play and user definable fields can make it client specific



Comprehensive, accessible, automated reporting giving timesheets, occupancy reports and many more



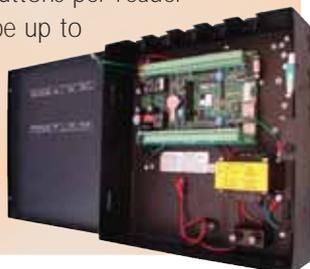
The IXP220 system has a choice of configurations to suit the varying communications needs and budgets of your clients. The system can be configured using an IXP220 (GB/IPS963) system controller with up to 15 IPS920i economical, intelligent 2 door controllers, giving you control for up to 32 doors. Just add another GB/IPS963 and another 15 GB/IPS920i controllers for a further 32 doors and continue to a maximum of 256 doors. Alternatively, should you need to use TCP/IP for all communications, the system can be configured using just the IXP220 (GB/IPS963) system controllers up to a maximum of 128 doors. It is possible to mix and match the different configurations to suit the needs of the site. The main controllers work perfectly offline and communicate with each other to give you full anti-passback and input/output control even when offline from the PC. It is possible to use star or chain wiring configurations. The maximum cable distance from the first to last controller is 1km, from the door controllers to readers 150m.

220 SC SYSTEM CONTROLLER GB/IPS963

The IXP220 system controller is prewired into a 2amp PSU housed in a mild steel cabinet. Communication options include Ethernet, USB, GPRS, RS485 and RS232 and memory capacity is ensured up to 10,000 tags and 100,000 buffered transactions. Features include:

- Reporting of low battery life and power failure warnings
- Anti-tamper switch
- General relay for power control or alarm arming
- Two digital inputs for door sensors and RTE buttons per reader

Readers can be up to 150m from the system controller.



SOFTWARE AND TAG REGISTRATION READER GB/ISW903

IXP220 software and tag/card registration reader for addition and deletion of tagholders.

The software is so simple that there is no need for a manual. The pack also includes a host interface which acts like a dongle and connects the registration reader via USB directly to your PC.



DC INTELLIGENT DOOR CONTROLLER GB/IPS920i

Two door controller housed in a mild steel cabinet with a 3 amp switch mode supply suitable for all standard lock types as well as pulse, solenoid and motorised locks. It has 9 status LEDs, can support the full range of Impro readers as well as 3rd party readers and features an onboard memory of 10,000 tags.



READERS

The IXP220 system is compatible with all of the readers shown on pages 8 and 9, including the new Multi-Discipline Reader, capable of reading Impro tags and cards plus HID, iClass, Mifare and many other 3rd party card technologies.



GB/MDK900

GB/MDR900

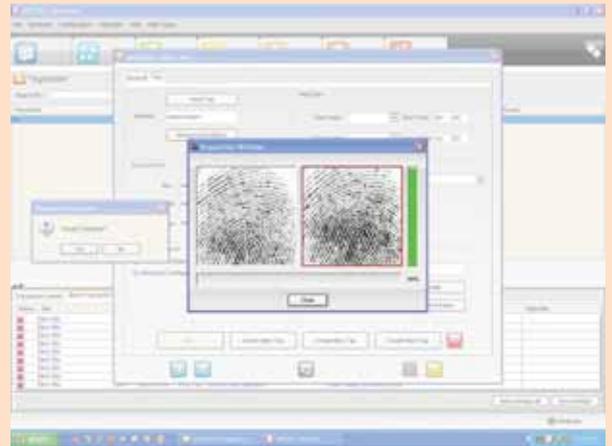
UNRIVALLED FLEXIBILITY AND SCALABILITY

UNLOCK CODES AND UPGRADES

GB/ISL901	Additional enrolment client licence for adding and deleting tags. Choose to unlock Web Enrolment Client or Rich Client software. Rich Client runs like normal software and Web enrolment can be viewed over the web from any PC. Rich Client includes the ability to enrol biometrics and offers door configuration options which is not possible from the Web Enrolment. The GB/ISL901 can be loaded onto any number of PCs but the number of licences bought (maximum 5 Rich Client, or 50 Web Enrolments) will allow those PCs to be running concurrently. Both options require a GB/ISR900 USB enrolment reader.
GB/ISL902	Web visitor enrolment - allowing remote enrolment of tagholders via webpage application so the administrator does not have to be directly connected to the PC controlling the system and no additional software needs to be loaded. Requires GB/ISR900. Maximum of 50 licences.
GB/ISR900	USB enrolment reader
GB/ISL903	Impro Touch - Sagem biometric integration providing a single, seamless database for enrolling the fingerprint and access control permissions
GB/ISL904	Multi-site licence - control up to 1,000 sites from the single software database
GB/ISL905	Card designer - for use when ID is required on the access control cards. This software allows for the creation of templates so that new tagholders can automatically have their ID printed on their cards
GB/ISL906	Elevator control - control up to 8 lifts each with 32 floors
GB/ISL907	Input/output control - for building and alarm management
GB/ISL911	Impro vision - monitor up to 4 IP cameras using the web-based facility
GB/ISL915	Notifications - an extremely useful feature for sending SMS, twitter and emails when an event, input or transaction occurs on the system
GB/GSM900 (available soon)	GSM module - one way communications for sending transactions back to the software or for sending notifications (GB/ISL915) when an event occurs. One required per remote controller

IMPRO TOUCH GB/ISL903

- Facilitates the integration and configuration of Sagem biometric fingerprint readers
- Allows direct enrolment of tagholders and related biometric data from within the IXP220 software
- Increased security and effortless installation
- Seamless integration and scalability



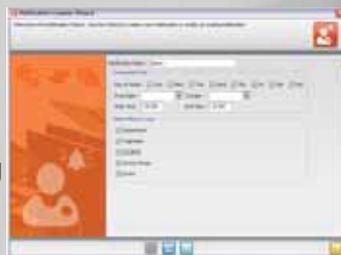
CARD DESIGNER GB/ISL905

- Design and store templates for printing information on adhesive labels or directly onto credit card tags
- When used with the system database, a design could typically provide information such as the tagholder's name, department, company details, logos, etc.



NOTIFICATIONS GB/ISL915

- Notifications are event-triggered actions
- Receive access control notifications as they happen
- Notifications can be sent across multiple media platforms including SMS, email and Twitter
- Immediate action options for site management
- Descriptive and precise information can be customised
- PDF reports can be attached to the email notifications
- Track people, automate mustering reports upon fire alarm activation, email warning about low battery or power failure and much more



VISUAL DOOR CONTROL GB/ISL911

- Provides increased visual safety and security to the end-user monitoring specific locations
- Visually track or trace a tagholder
- Remotely open a monitored door
- Take a snapshot of any camera
- Edit the camera's setting online
- Basic functions of a CCTV system offering intrinsic security benefits without complex software or hardware systems



Visual door control with 2 active cameras, monitoring 3 cameras

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