

MAKE IT EASY SHEET

ACCESS CONTROL

What is Access Control?

Access Control basically allows access to a secure location for a group of registered users. These registered users may gain access to the secure location via a variety of methods e.g. Keys, Swipe Cards (plastic cards with magnetic stripe), Keyfobs, Keypads and combinations of Voice/Fingerprint/Iris recognition. Another term used to describe such a system is 'Door Entry Control.'

Before 'IP' Access Control

Until recently the designers and manufacturers of Access Control systems implemented their own proprietary method(s) of communicating between devices such as magnetic door locks (maglocks), door controllers and management terminals. Typically these systems were closed circuit as in the same 'closed circuit' defined in an analogue CCTV system – a system confined to operate in the location it's installed in.

What is 'IP' Access Control?

With the advent of convergence in the data, voice and video marketplace it was only a question time before access control or just plain door entry systems were designed or converted to take advantage of 'IP' (IP or the TCP/IP protocol to give it its proper title has become the de facto standard for communication between devices in the data world and beyond).

How does the Cooper Security product compare to a traditional system?

The 'Scantronic' IP access control system utilises the TCP/IP protocol to enable one high speed controller device to control two intelligent door interfaces. The system operates over a Cat5e structured cabling system as opposed to a traditional access control system that Typically uses proprietary 'daisy-chain' cabling methods and the RS-485 protocol.

What advantages have IP access control systems over traditional offerings?

Besides providing the same security and functionality as traditional access control solutions an 'IP' based system can be managed remotely via broadband/VPN connections, enable Lower cost of installation with the use of UTP and the ability to integrate with other manufacturers 'IP' based systems e.g. Intruder Control, Fire Detection and Environmental Monitoring.

Is the system expandable?

Yes, up to 4,096 sites can be monitored/managed remotely with a capacity of 512 'readers' per site (door entry readers).