



Scalable access control  
solutions for medium to  
large scale enterprises

**ACT**pro



# ACTpro: An Introduction

**ACT** specialises in the design and manufacture of superior quality electronic Access Control and Door Entry products. Combining reliability and quality with engineering expertise and innovation the ACT product portfolio has a functionality that is user friendly, effective and well developed in line with the demands of the market.

**ACTpro** is a scalable card access control system, designed to facilitate the most demanding requirements for any size of enterprise. The system is highly flexible and feature rich. **ACTpro** is a single or multi user system for one or more sites. Users of the **ACTpro** solution include high security government buildings, leading educational facilities, hospitals, high street retail chain stores and commercial enterprises with offices located on different sites in different countries.

The **ACTpro** access control solution begins delivering its applications at the car park barrier, through to the buildings entry points. With readers placed on internal doors and elevator control it can limit movement around the building. The reader installed at access points is dependant on how secure a room needs to be. The **ACTpro** applications include access control, door control/ monitoring, time & attendance and elevator control. The system will also interface with the building's existing intruder, fire and CCTV systems.



# ACTpro Software

**ACTWin** is the sophisticated PC application for use with the **ACTpro** door controllers. With an attractive and easy to use graphical interface this software simplifies database management and the day-to-day administration of users and the access control system in general. **ACTWin** is available in two versions, licensed (**ACTWin pro**) and unlicensed (**ACTWin Lite**). Some of the main features of the software are detailed below.



DVR Integration

## Site Maps

ACT Sitemaps displays normal door activity including all alarm conditions such as a door forced, door ajar event, etc directly on a graphical representation of the building.

## ACT Notifier

With ACT Notifier the ACTWin pro software can now send notification, via e-mail or SMS, to any number of authorised users on the occurrence of a specified event. For instance the Security Guard could receive a text when a door is opened outside of office hours.

## DVR Integration

Integrating the CCTV Digital Video Recorder (DVR) with the Access Control system over TCP/IP allows you to verify controlled events by retrieving CCTV footage directly from the DVR. Compatible DVR: Dedicated Micros NetVu

## Card Editor

ACT Card Editor enables the operator to design templates for printing ID cards. The operator can include any relevant details such as first name, last name, department, card number and can import external images, such as a logo or a user's image.

## Muster Report

On fire alarm activation the muster report in the ACTWin access control software, will automatically generate a list of employees in the building at the time and this will print to a specified printer.

## Intruder Alarm Integration

ACT Controllers may be integrated with intruder alarm panels to arm and disarm. Intruder Alarm Integration requires a keypad to be connected to the door.

## Elevator Control

Elevator Control allows the operator to specify which floors the holder of a specific card/fob has access to. Elevator Control requires an input/output module to be connected directly to the elevators control unit.

## Multi Tenant Module

If there are a number of different companies in the same building the access control system can be partitioned into sub sites where each company administrator or tenant only sees the local doors, controllers and events. The landlord may view all of the sites if appropriate. It's possible to manage up to 200 multi tenant sites.

## Time and Attendance (Time on Site) Report

ACTWin pro has an inbuilt T and A (Time on Site) report that will provide information on each user regarding the time they clocked in, the time they clocked out and the total time in between these activities.

## ACT Web browser based interface

ACTWeb is a web based interface that allows you to manage the basic functions of the access control system, including user lists, reports and enrolling users. It provides you with 24 hour access to your access control software from internet Explorer. ACTWeb has been developed for use in combination with the ACTWin pro PC application.



Site Maps



Time and Attendance (Time on Site) Report



ACT Web browser



ACT Notifier

# ACTpro Hardware

The ACTpro hardware comprises door controllers, readers and cards/fobs.



The ACTpro IP door controllers are scalable and are capable of managing anything from hundreds to tens of thousands of users. They can be networked to up to 2,000 doors across different buildings in different continents. They are powerful and flexible with an open format which allows them to accept different types of technologies including proximity, contactless smart card and biometric.

The ACTpro readers are multi-format and are available in a wide range of card technologies including proximity, contactless smart card and biometric such as fingerprint, hand and retina readers. If a building has varying security levels the most appropriate reader can be installed e.g. a very high security area may require a biometric reader as compared to a door into a meeting room which may simply require a proximity reader.



## Which ACTpro product is *right* for you?

ACTproDoorControllers	ACTpro 1000	ACTpro 2000	ACTpro 3000	ACTpro 3200
Doors	1	2*	2*	4*
Users	10,000	20,000	30,000	30,000
User Groups	16	1,024	1,024	1,024
Event Log	500	5,000	5,000	5,000
Anti Passback		YES***	YES	YES
Entry/Exit Reader Support	YES	YES	YES	YES
Times Actions	YES	YES	YES	YES
Interlock	YES	YES	YES	YES
User Tracking		YES	YES	YES
Visitor Cards	YES	YES	YES	YES
Door Monitoring/Control	YES	YES	YES	YES
Fire Alarm Override	YES	YES	YES	YES
Network Doors	128 Max	1,000 Max	2,000 Max	2,000 Max
TCP/IP Option		YES	YES	YES
Ethernet network Interface			10Base-T (RJ45)	10Base-T (RJ45)

\* The ACTpro 2000/3000/3200 Controllers may be expanded to 16 doors via ACTpro 100/101/102/200 Door Expanders

\*\* The ACTpro 2000/3000/3200 Controllers require a Pin or Pin & Prox Keypad for Pin Only Operation

\*\*\* Global anti passback (anti passback across multiple controllers) is mainly supported on the ACTpro 3000 and ACTpro 3200 connected via TCP/IP

ACTpro Readers	1030	1030PM	1040	1050	1060
Mounting	Mullion	Panel	Surface/Flush	Surface/Flush	Surface/Flush
Pin Only					YES
Pin and Card				YES	
Pin or Card				YES	
Card Only	YES	YES	YES	YES	
Keypad Backlighting			YES	YES	YES
IP Rating	IP67	IP67	IP67	IP67	IP67
ACT Cards and Fobs	YES	YES	YES	YES	N/A
HID Cards and Fobs	YES	YES	YES	YES	N/A
Selectable Clock & Data or 37-bit Wiegand Output	YES	YES	YES	YES	YES
Construction	Robust Polycarbonate Housing				

These readers are available as multi-format proximity RFID and mifare RFID. Biometric readers can also be integrated into the ACTpro solution. Ask sales for the applicable readers.

# Market Sectors



The basic function of the ACTpro solution on any site is that of access into and out of a building. Companies based in different market sectors have utilised different elements of the hardware or software to meet their specific needs.

## Hospitals

Hospitals have used ACTpro software to create a relationship between an individual's job profile and their privileges. This is important in limiting access to high security areas of a busy hospital environment and in ensuring adequate security without compromising on the need for swift access and egress in certain circumstances.

## Commercial

Companies with shared car parks use counting areas to manage the allocation of parking spaces. If a company has used their full allocation of spaces any subsequent card holders from that company will be denied access to the car park even if the car park is not full. Elevator control manages access to different floors based on the access rights of the card presented. Readers with mifare technology can be integrated into the cashless vending, photocopying and other smart card systems.

## Leisure & Recreation

Many gyms and leisure centres use ACT cards as membership / ID cards. The administrator can set the expiry dates on the membership cards from within the software and the challenge feature allows the receptionist to visually verify the member when they present the card. Another frequently used feature is the anti-passback which stops the cardholder from passing back the card to be re-used by an unregistered visitor.

## Education:

By their nature educational institutions have a large flow of students enrolling over a short period of time. ACT customise the ACTWin software to function alongside a college's enrolment system making it possible to populate the ACTWin database from the colleges software saving time and money on re-keying the information.

## Travel & Transport

A feature commonly used by transportation companies is interlocking. This makes it impossible for a lorry to leave the depot grounds without being checked to ensure the right driver has collected the correct container.

## Government

Site maps is a popular feature in many Government buildings allowing the security personnel to visually monitor door and alarm events as they happen. Within the reports module the Muster Report can be configured to print a list of the current occupants of the building on the activation of a fire alarm to a designated printer.

## Building and Construction

Companies with employees working on various construction sites use the Time and Attendance (Time on Site) Report to establish who is working on what sites and how many hours they worked.

## Aviation

Airports have integrated biometric readers into the ACTpro solution to establish an area between airside and landside that is secured by two sets of locked doors. Staff present an access card to enter the airlock but when exiting they must place their hand on a biometric scanner before the door opens.



# ACT

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