CONCEPT ACCESS 4000

technology monitor

control

system

fully featured security management

more than just a security system

temperature

automation

lighting

security

The Next Generation in Access Control and Security Management Systems

WHY SHOULD I INSTALL A CONCEPT ACCESS 4000 SYSTEM?

Concept Access 4000 maintains its cost effectiveness across the spectrum, regardless of the size of your system, modular design and memory size options ensure that you are only paying for what you need. Furthermore, incredible expandability and on-going product development and support, ensure that a Concept Access 4000 system purchased today is a long term investment in your security management plan, avoiding the need to replace a system that will not keep pace with your needs. Concept Access 4000 provides a totally integrated solution with unrivaled scalability and flexibility.

WHAT IS INTEGRATED TECHNOLOGY?

The Concept Access 4000 seamlessly combines Security Monitoring, Access Control of Doors and Lifts and Building Management Technologies within the one system.

WHY SHOULD I INSTALL AN INTEGRATED SYSTEM?

Integration of technologies offers considerable control over the movements and actions of staff and visitors as well as significant cost savings for the property owner, tenant or manager.

For example:

• All Users are assigned individual permissions within the system and access to and from any Area, movement through Doors and access via Lifts etc are strictly controlled, reported and recorded.

• Reduction in the time required to administer separate systems and produce composite reports. All information is now contained within the same system and compatibility of data across applications is not an issue.

• Having granted access to a User, the system automatically turns off the security alarm to reduce unnecessary alarms events and turns on the lights to prevent accidents.

• Reduced cost due to the reduction in cabling and labour required to install and maintain individual systems.

• Reduced cost as a result of the system's ability to "share" detectors, inputs and outputs across technologies. For example, the same motion detector used to detect intruders after-hours may be utilised to automatically turn on lights in the room when somebody enters during business hours. If there has been no movement in the room for a given time, the lights may by turned off, further reducing costs through more efficient energy management.

The scope of integrated applications and the inherent cost savings are only bound by your imagination!

WHO IS INNER RANGE?

Inner Range is an Australian owned electronics manufacturing company. The company has been in operation since 1989 and has grown steadily through the success of their Concept brand to become a multi-national company. Inner Range now has representative offices in Australia, the United Kingdom and China as well as distributors in ten countries.

POWERFUL, YET FLEXIBLE, SECURITY FEATURES

• The system may be divided into as many as 250 independent or interdependent Partitions or Areas. Each partition may represent a physical location, such as 'Warehouse', 'Office' or '3rd Floor', or represent a type of function, such as 'Smoke Detectors', 'Hold-up Buttons' or 'Plant Equipment'.

• Each Partition or Area may be operated independently of any other to give the look and feel of up to 250 individual systems. Ideal for a multi-tenanted building, shopping centre or large school campus!

• Each Partition or Area may be programmed to communicate to different locations or devices by different communication formats. So, some events can be reported locally to computers or printers, whilst other events are reported to a remote Central Monitoring Station.

• Up to 250 levels of User Access may be implemented across the system.

• Timed and Remote control of Areas, Doors, Auxiliary outputs etc.

• Flexible Alarm processing options allow full customisation of the sequence of events that occur when an alarm or input is activated.

• Review memory stores a record of events occurring within the system.

• The Concept system is expandable to over 2000 detectors, inputs and outputs.

ALL THE FEATURES YOU WOULD EXPECT IN A HIGH-END ACCESS CONTROL SYSTEM AND MUCH MORE!

• Control of up to 250 Doors and 32 Lift Cars servicing up to 64 Floors.

• Compatible with all common access formats: (PIN, Magnetic Stripe, Proximity, Wiegand, Bar Code, Biometric, etc.)

• Stand-alone operation using Intelligent Door Access Modules or "back-up cards".

• Time parameter option on Card Reader and/or Button operation

• 'Anti-passback', 'Dual User' and 'Card + PIN' options

EXTENSIVE RANGE OF BUILDING MANAGEMENT FEATURES

• Lighting and climate control may be turned on automatically in a specific section of the building when that area is accessed by staff and turned off again when the area is unoccupied.

• Safety lighting automatically turns on when movement is detected and turns off again if no movement is detected for a specified time.

• Any device capable of being operated by an electronic switch may be incorporated within the system as an "Auxiliary output" and controlled either manually or automatically.

• Temperature sensors, photo cells and other inputs may be utilised in Energy Management and control logic.

• Simple or complex control logic may be used to determine when an Auxiliary output should turn on or off.

• Auxiliary outputs may be turned on or off for specific durations.

Distributor / Installer

inner range

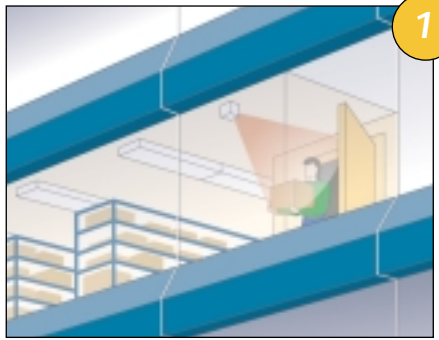*Where Concepts Become Reality*

CONCEPT ACCESS 4000

control
technology
access
communication
system
security
sensor

inner range
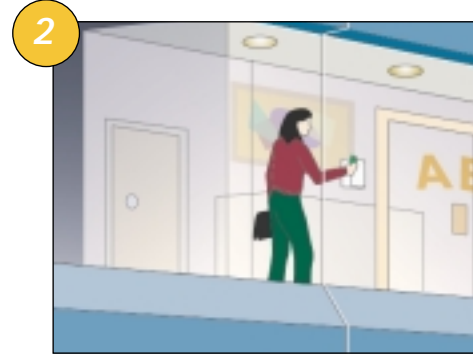
Total Integration

SECURITY

Up to 2000 detection points are monitored throughout the entire building. Each detection point is protected against tampering and tested by the system regularly. Security events are reported immediately via a range of communication options to Remote Monitoring Stations, mobile phones, on-site computers and pagers. All events are recorded for future review.

ACCESS CONTROL

Access through up to 250 doors, gates and turnstiles can be controlled and monitored. Flexible programming options allow full customisation of User permissions across a range of access control levels. Occupants only have access to their permitted Areas, through doors and gates you designate and during the times you specify!
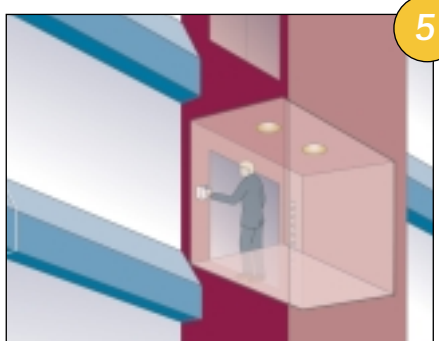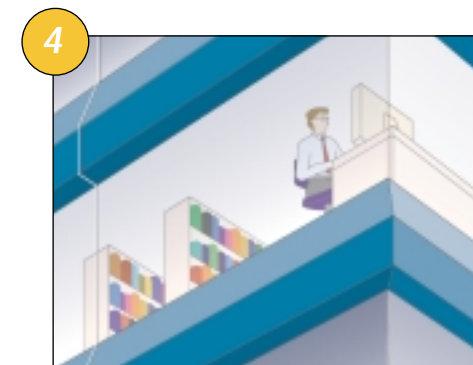

MULTIPLE TENANTS

The system may be partitioned into up to 250 Tenancies or Areas, each capable of operating as a separate system. Security, Access and Automation may be programmed to operate individually for each Tenant, events being reported by the Tenant's choice of communication option. Users may be assigned permissions allowing them access to one or more Tenancies.

The Facilities Manager can fully administer all User and Access permissions via ACCEPT Windows based computer software. In addition, ACCEPT software gives full control of entities within the system such as doors, heating, air-conditioning, lighting and other outputs such as pumps, garden sprinklers and gates.

Alarms and other specific events can be programmed to appear on the Facilities Manager's computer screen to ensure that he/she remains up-to-date with what is happening within the building.

Lift Access may be controlled and monitored using the same card or key fob issued to the User for Door Access and Security. When the card or key fob is presented at the reader in a Lift Car, the User is only able to select a Floor from the specific list of Floors that has been assigned to him or her. Only one Floor may be selected each time a card or fob is presented and all selections are recorded to review.

This feature provides a relatively simple access solution for those applications where office space is let on a "per floor" basis.
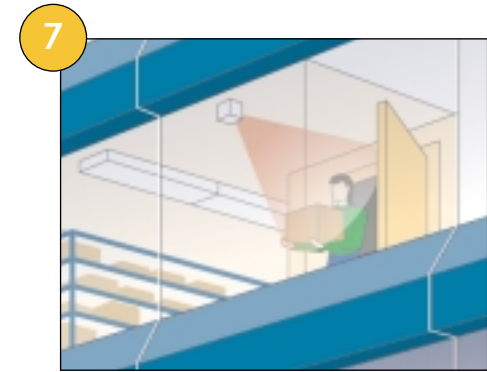

HIGH SECURITY AREAS

Door Interlocking may be used in High Security Areas to ensure that only one door to this area is unlocked at any one time. Access through an interlocked door is not available whilst somebody else is using an associated interlocked door.

ENERGY MANAGEMENT

To minimise energy wastage, lights and other facilities may be automatically turned on when movement of a person entering a room is detected. They can then be turned off again when no movement has been detected for a specific time, as set by you.
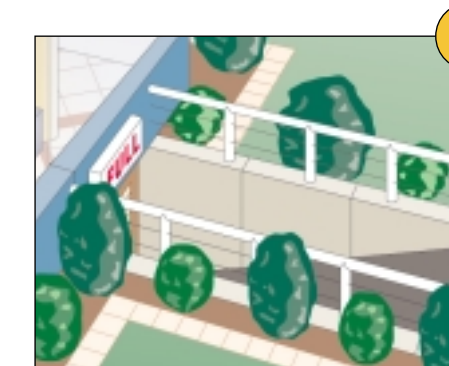

VISITORS, CONTRACTORS AND GUESTS

The Concept System provides a contingency for visitors or contractors who attend your premises for short periods of time. Each visitor may be issued a proximity identification card which is only valid between specific times and on specific days, as set by you.

These cards may be given restricted access through specific doors and to specific Floors and even made to cancel themselves upon their first use.

BUILDING SERVICES

Garden Sprinklers, Fountains or other utilities may be programmed to operate between specific times and on certain days. They may even be qualified by other conditions. (Garden Sprinklers will not activate if the moisture sensors indicate that the ground is already moist).

Manual operation of utilities is also available, if desired, including control via computer or a mobile phone using GSM Short Message Service (SMS).

Car Park entry may be restricted to specific users or use at certain times. Users must present a valid proximity identification card to enter or exit the site.

Separate "In" and "Out" boomgates and readers allow vehicles to be counted. The "Car Park Full" sign may be illuminated and the "In" boomgate disabled when all available spaces have been taken. The sign may be turned off again and the "In" boomgate re-enabled as vehicles leave and spaces become available once again.

Multiple panels and multiple computers may be networked to achieve Facilities Management on a grand scale! Many panels and many computers may be linked within the one building to extend system capabilities and allow management by multiple computer operators.

Furthermore, buildings may be linked nationally or even globally to achieve truly centralised Facilities Management and proprietary Security Monitoring. Concept represents the ideal choice for those corporations seeking a national or international solution.