



# PAC Access Control.

**KEEPING YOU SECURE.**

Our market leading PAC access control is built on a foundation of continuous innovation in security systems that are scalable, easy to install and maintainable.

**COMELIT**  
WITH • YOU • ALWAYS

# Comelit. SINCE EVER.

Comelit has, **since 1956**, grown from a base of **intercom and video intercom** solutions into **being a world leader in integrated security solutions** including anti-intrusion, video surveillance, home automation, fire detection and access control systems alongside video door entry systems.

With **values of constant evolution**, user friendliness, reliability, and multi-functionality, Comelit is **your trusted security partner** for securing residential, educational, public sector and commercial customers.

## OUR PROMISE, OUR COMMITMENT.

Comelit has a **global presence and support capability** with 10 branch offices, 6 R&D centres, more than 900 employees and a commercial presence in over 90 countries. We are **With You. Always**, where your success is our success.

**WITH  
YOU  
ALWAYS**

Comelit-PAC, is the **specialised Access Control division** within Comelit, with over 40 years' experience in **designing and manufacturing** secure access control products. Working **closely in partnership** with consultant engineers, architect partners, distributors, and installers, **enables** the PAC products to be **continually developed** and meet the requirements of the **access control market** and its associated legislation.



## PAC Access Control. KEEPING YOU SECURE.

Our market leading **PAC access control** is built on a foundation of **continuous innovation** in security systems that are **scalable, easy to install and maintainable**.

Our offering includes **readers, controllers, credentials and management solutions**, which can be **seamlessly integrated** with door entry, video surveillance, time and attendance, intruder and fire safety systems.

# Comelit-PAC

## Your Partner of Choice



### Innovative

- Our solutions offer an end-to-end ecosystem of product from a variety of credentials, readers, controllers and management software.
- We enable solutions to be designed and installed to meet your customer needs.
- Our products support integration at a hardware and software level, for flexible expansion into a wide range of security, safety and building control systems.



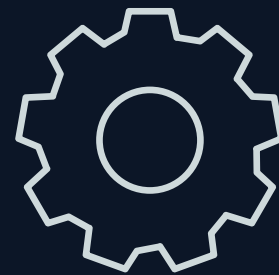
### Reliable

- We are a trusted supplier of reliable and robust access control solutions that are deployed in a large variety of environments.
- Our solutions not only secure your environment but also give you the ability to set policies that are proactively monitored and controlled.
- We offer lifetime product guarantees for our readers and ID devices.



### Service Excellence

- Our sales team has a nationwide presence - ready to assist you wherever you are.
- We have over 17 branches world wide and 90 countries that we export to.
- The Comelit-PAC Training Academy provides professional training delivered in house or virtually.
- Our training goes beyond just our product to include other factors that assist you in specifying and installing access control systems.



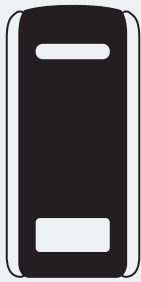
### Technical Expertise

- We have over 60 years of technical and security experience.
- Our technical department offers engineer-to-engineer support.
- There is a variety of support we offer including secure, remote connection to systems on site for rapid fault resolution.

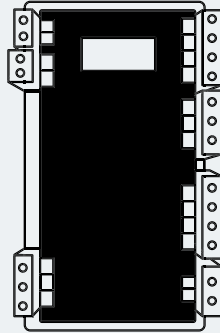
# Proximity Access Control Overview



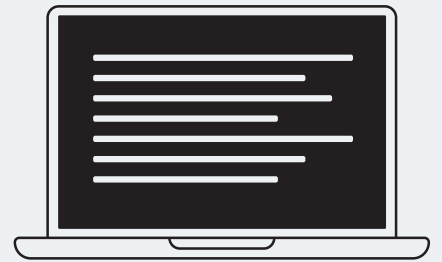
Proximity access control is managed with credentials that are configured to grant entry to secure doors and deny entry for unauthorised requests. The below diagram illustrates the access control process flow at a high level.



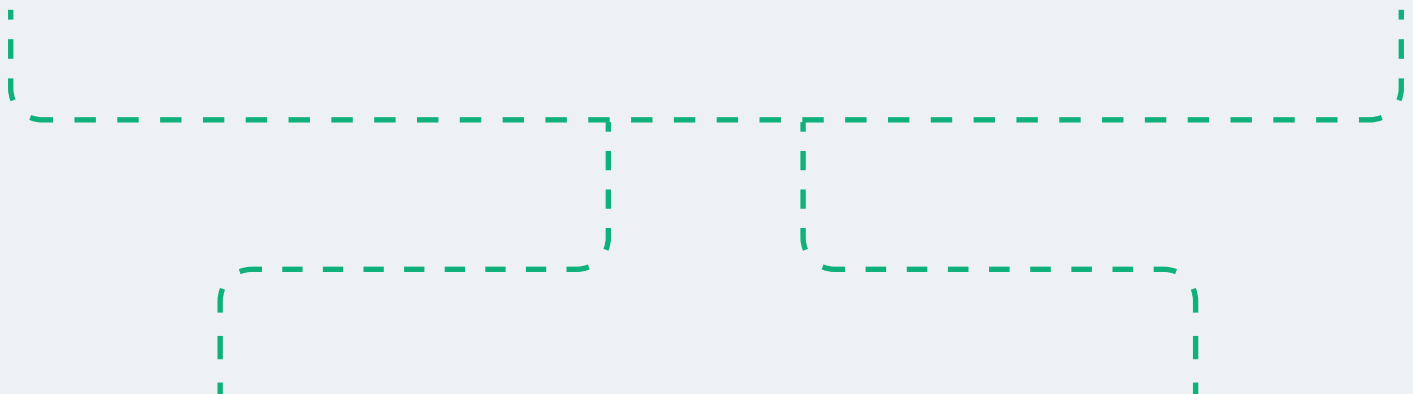
A credential is read by the access control reader at the secured door



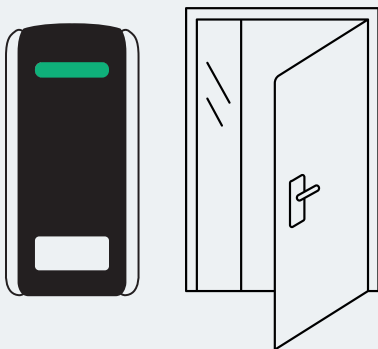
The credential information is sent to an access controller for validation



The Management software supports the access control policies

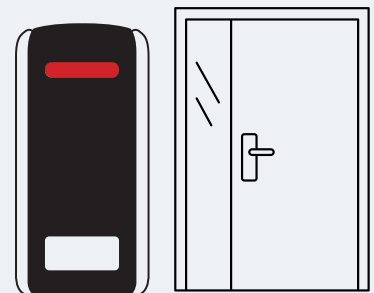


## ACCESS GRANTED

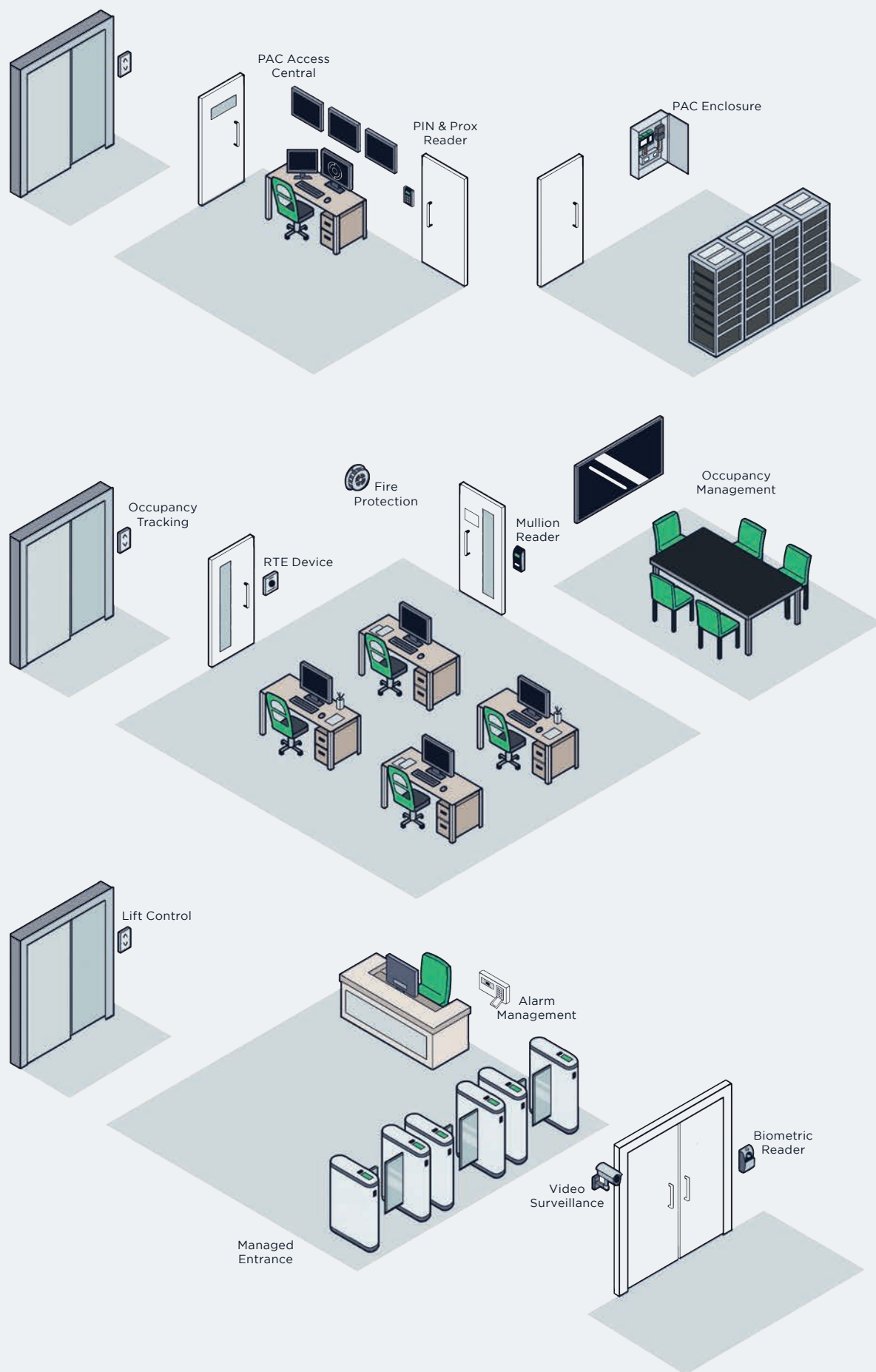


The access controller operates a door relay to unlock the entrance

## ACCESS DENIED



The entrance remains locked



# Adding PAC Value

The PAC range is a well-established suite of products that provide flexible integrated security solutions for the commercial and residential markets.

# PAC Total Access Control



## Intelligent Access Control

**Fully featured, always on and flexible security.**

Enhanced access control that adds proactive monitoring of who goes where and when to the in-built security offered by PAC.



## Expandable System

**Designed to support cost-effective expansion.**

Built to interoperate either at a hardware level with other building and safety control systems; or at a software level through our powerful API interface.



## End-to-end Security

**Secure by design.**

PAC supports high security non-hackable, non-cloneable credentials through its own encrypted PAC OPS™ solution. Available in Card, Fob and Mobile ID versions.



## Integrated Security Solution

**One solution.**

The PAC solution extends into an integrated security solution that can incorporate alarm monitoring, CCTV Surveillance, Lift Control, Fire safety and video door entry. Providing a multi-layer security solution that is easy to manage via a centralised hub, providing easy monitoring to secure your business.

# Markets

Complete and integrated solutions for various markets.



Logistics



Banking



Commercial



Healthcare



Education



Government



Private Housing



Retail



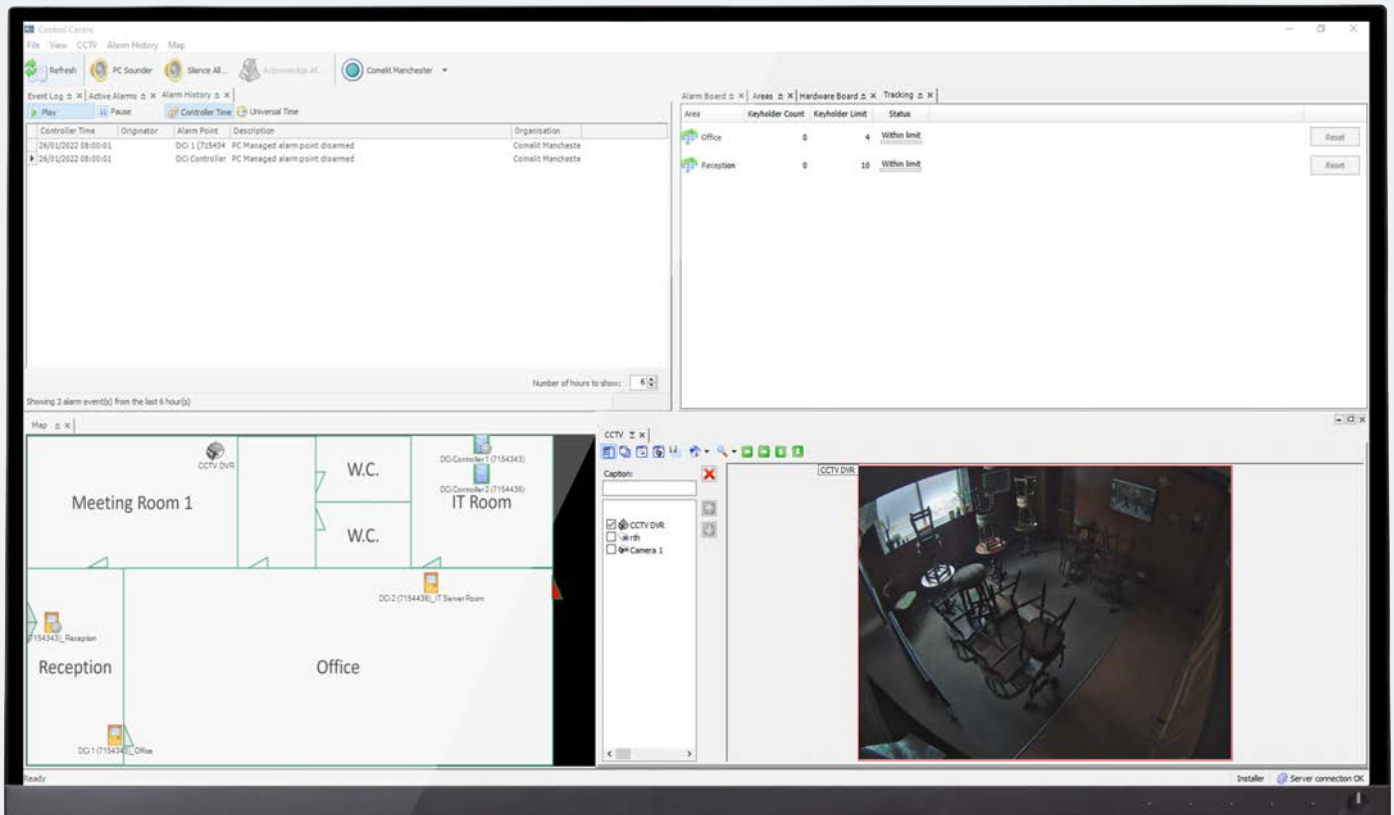
Social Housing

# Management Software

**Access Central™, designed with the user in mind.**

**Our software integrates seamlessly with the PAC controllers to provide a powerful configuration and in-life proactive management platform.**

Designed to support a variety of applications, from small, single block premises to a global network of offices or multi-site residential estates, PAC software delivers integrated security solutions with the ability to add a range of additional services (CCTV monitoring, lift call, etc) for a seamless integration.





## Remote Monitoring and Management

**Control Centre** application for efficient and secure remote monitoring.

**Increased Security** and operational efficiency of site management.

## Enhanced Building Management and Security Features

**Guard Tour** application.

**Notifications** with PC pop-up events.

## Occupancy Management Features

### Occupancy Tracking

Support people safety policies and track/limit the number of people in an area.

### Managed Entrance

Enforcing entrance via specified doors based on time profiles.

### Global Anti-passback

Ensuring people read in and read out of areas for effective occupancy management.

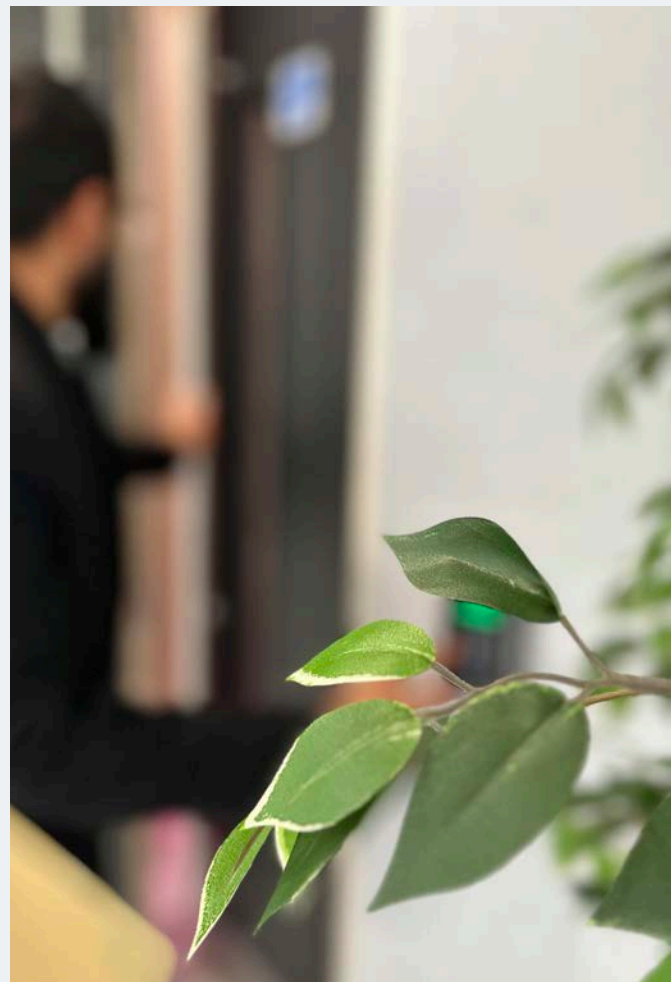
## Fully featured management software that supports:

**Configuration and management** of the PAC system components.

**Keyholder configuration** for easy credential management.

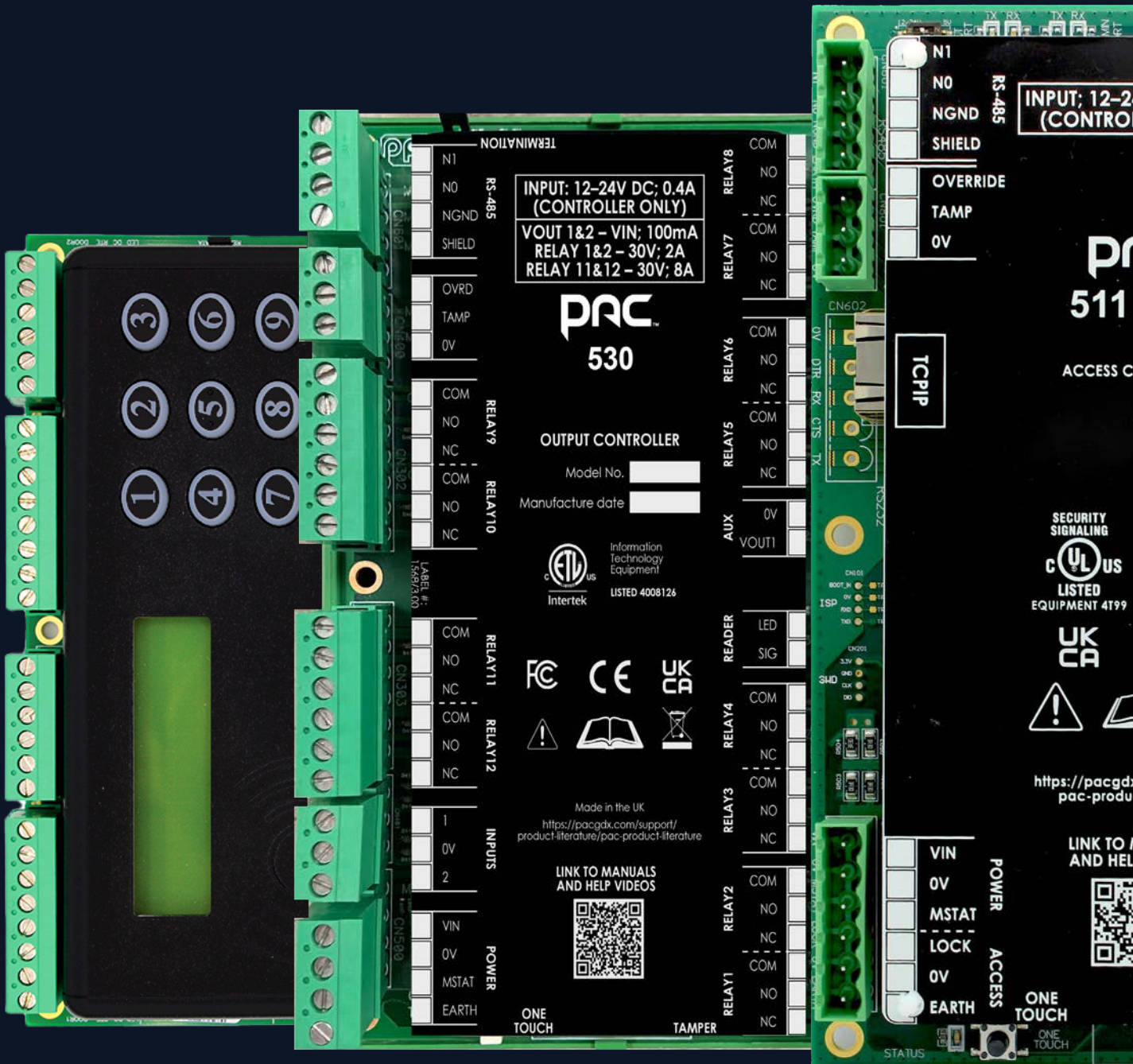
**Expands into full building control**, including:

- Lift control
- CCTV integration
- Alarm monitoring and management
- Event to Action engine
- Enriched reporting
- Full operator control centre application
- 3rd party equipment control (e.g. beacons, sounders, security shutters)
- Building and safety system inputs (e.g. fire panel input to unlock all doors in an area)



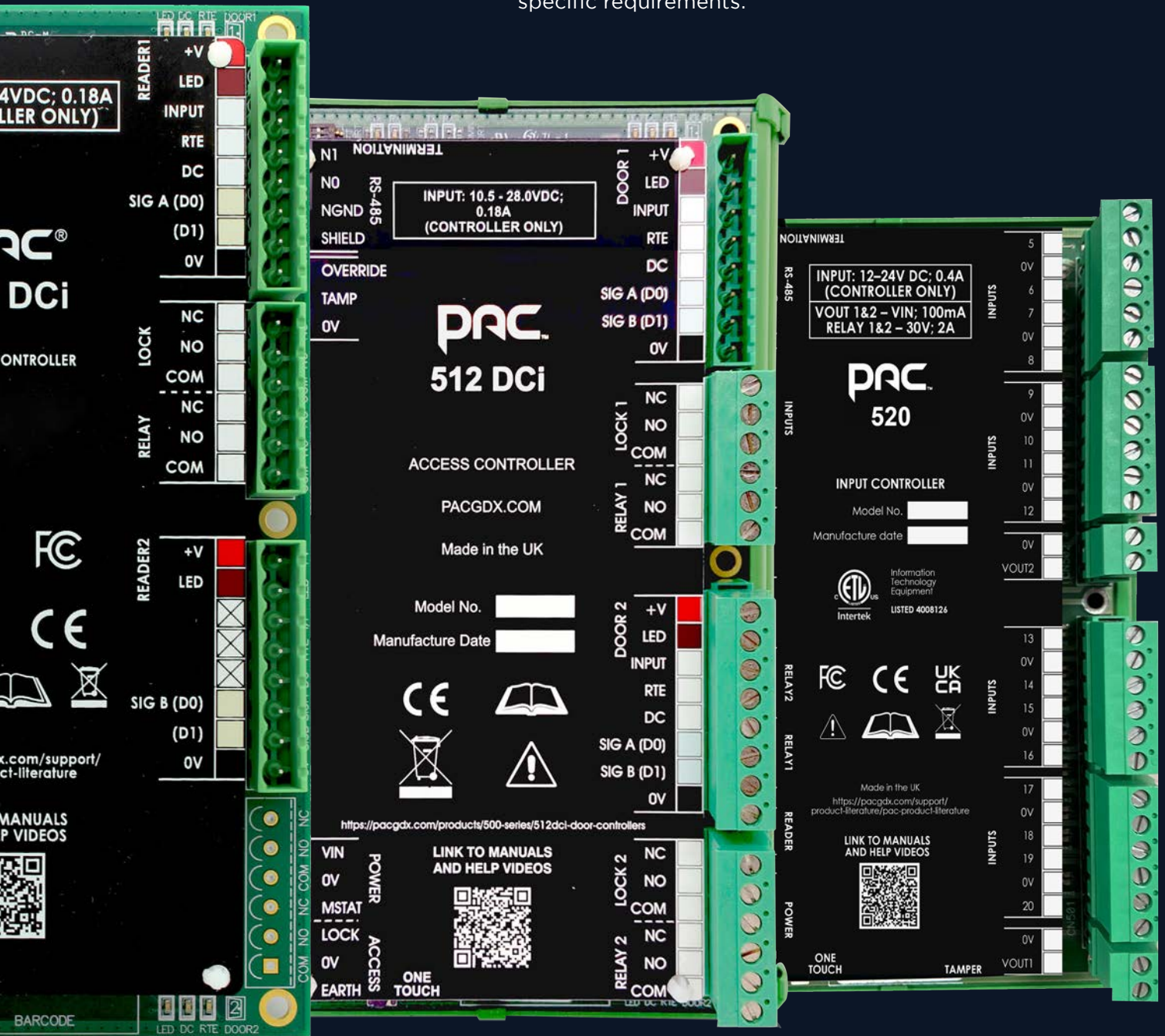
# PAC Door Controllers

Unbeatable reliability and flexibility.



Our extensive range provides a multitude of solutions to suit a variety of applications and environments.

Developed under the rigorous eye of industry experts, PAC Controllers follow strict compliance standards to ensure our equipment works in all possible conditions. From a simple two-door controller to a global network system that connects and controls access in multiple locations, PAC offer solutions to match your specific requirements.





# PAC Readers

Truly versatile, scalable and backward compatible for ease of upgrading.





**PAC Readers provide an unparalleled standard of security and robustness in a variety of applications.**

Our wide range of PAC readers are available to meet customers' requirements based on a variety of factors, including authentication method, installation options or aesthetics. They are all designed and manufactured to high standards with a deserved reputation for their longevity in all environments.

# Credentials

Various styles to match your access control preference.





# Mini & SE Cube



## Access Central™ Mini Cube

- Industrial machine
- Designed to run 24/7
- No need to install software - already pre-configured
- Supports up to 20 doors, 4 CCTV feeds and 1000 keyholders
- Supports all the advanced Access Control features such as Guard Tour
- Ideal for small commercial installations
- Future proof - Free software updates

## Access Central™ SE Cube

- Improved user experience
- Industrial machine
- Designed to run 24/7
- No need to install software - already pre-configured
- Supports up to 250 doors and 20,000 keyholders
- Supports all the advanced Access Control features you would expect for mid-range installation
- Ideal for small to medium commercial installations
- Future proof - Free software updates







Comelit's Training Academy courses are designed to give you the knowledge and skills to install and commission our solutions. Comprehensive courses cover all aspects of system design, including installation, configuration and commissioning.

You will gain theoretical experience and techniques required to get the most out of our solutions. Our training will also enable you to maximise your use of time during the installation process.

Different solutions require different approaches to training. Depending on experience and technologies, our training courses are designed to cater from installation engineers to end users. Our Training Academy offers both in person and virtual sessions, to suit your needs.

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