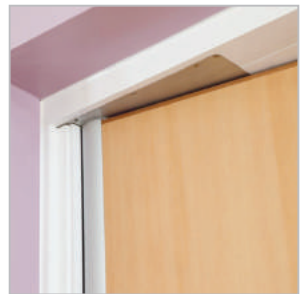




# AC LEIGH

ARCHITECTURAL IRONMONGERS  
SECURITY SPECIALISTS



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AC Leigh is one of the UK's leading, award winning, architectural ironmongers and Salto installers. We have vast experience in the specification of quality products for a variety of projects.

For over 50 years, AC Leigh has worked with architects and clients to ensure their buildings function correctly and comply with all relevant legislation.

Our free specification and scheduling service is based on experience and knowledge, not from a limited catalogue.



# EDUCATION

AC Leigh provides a specification and advice service to councils, architects and direct to educational establishments to enable them to make the correct choice for their project. There are many different considerations for a primary school, training college, private school or a university. The products used must comply with current legislation and function efficiently without the high maintenance costs and safety issues associated with inferior products.

AC Leigh's many years of experience ensures products are selected for their durability and resistance to physical abuse and are suitable for high frequency use. Our expertise means we are a single source of responsibility for ironmongery, access control, key locking, automatic doors and barriers, signage, fire escape hardware and specialist needs.



## COLOURED NYLON

Top quality colour range popular in nurseries and primary schools.



## GRADE 4 LEVER BS:EN 1906

Heavy duty grade 4 levers for high performance in educational buildings where care is not a priority.



## DOOR STOP

Heavy duty floor mounted side fixing for underfloor heating areas.



## UNIVERSITY OF CAMBRIDGE

AC Leigh is the Salto access control partner for the majority of colleges in the Cambridge University. One college has over 1000 Salto electronic cylinders and 100's of Salto electronic handsets. Throughout the university AC Leigh have integrated the student card with the Salto access system.



## ACADEMIES

AC Leigh has supplied many new academies with ironmongery, access control, signage, master key systems, automatic doors and car park barriers to provide modern secure buildings.



## ROECROFT LOWER SCHOOL, HITCHIN

A new primary school which utilised all the features of our Salto access control system for locks, automatic doors and car park barriers. Access to the site is restricted to authorised people only and parents are allowed access at specific times.



## UNIVERSITY OF EAST ANGLIA

One of the largest single site universities in the country with over 15,000 students. The size of the campus presents a very complicated locking problem for the university staff.

AC Leigh has for many years designed and manufactured a master keyed locking system by using our computer controlled programming and cutting machines.



### CLOSER

Slide arm surface and concealed closers are less prone to vandalism and more visually pleasing.



### ESCAPE LOCKS

Inside lever handle will override the deadbolt allowing escape from inside at all times.



### CLASSROOM FUNCTION

Our specially constructed cylinders ensure the classroom door cannot be locked from inside.

## FOOTBALL CLUBS

Football stadiums are used by people who may be happy winners or unhappy losers and their priority is not to take care with the doors and fittings.

With 1000's of people in the stadium in a very short space of time the choice of pull handles instead of levers, and thrust bearing instead of ball bearing hinges must be considered.



## BUS STATIONS

This bus station was a mixture of modern design balanced with sensible, easy and clear areas for use by the general public.

Coloured steel-cored ironmongery helps direct customers to the correct area and our Salto access control system ensures security for the staff.



## COLCHESTER CASTLE

An example of a largely complete Norman castle. It is a grade I listed building and has the largest keep built by the French invaders. Recently renovated to bring the facilities up to date for its many visitors.



## YMCA'S

We have supplied many YMCA buildings throughout the UK and careful selection of hardware is extremely important in what can be a harsh environment. Our Salto access control system has been particularly successful for YMCA projects.

Ironmongery takes up a small percentage of a construction project, however it is responsible for 80% of the maintenance costs during the life of a building.

Commercial projects may have many different requirements depending on the type of building. We take all factors into consideration when specifying products for commercial projects, including whether it's private or public, if there is limited entry or 24 hour access and the type of building.

At AC Leigh we understand that the type, standard and quality of ironmongery, as well as the security requirements of the building will be different for each type of project.

Special requirements could include:

- Automatic locking or unlocking
- Security or safe key system
- Automatic fire escape
- BS 8300, BS 1303 and EN 1906 compliance and compatibility

# COMMERCIAL



## ACCESS CONTROL

Code or card operated locks provide increased levels of control and security.



## DOOR SETS

Prepared for the main ironmongery items to allow simple fitting on site.



## MAILBOXES

Multiple banks or individual, internal or external. Standard locking or Secured By Design.



## AUTOMATIC BARRIERS

AC Leigh can install automatic barriers to provide control of access to the site.



## MASTER KEY SYSTEMS

AC Leigh designs and manufactures master key systems to suit the specific client requirements. We ensure the balance between security and convenience is appropriate for the client.



## DOOR FURNITURE

Door furniture may look the same but there is a vast difference in quality. Careful selection is required to ensure all products exceed the basic British standard requirement BS:EN 1906.



## DOOR CLOSERS

Door closers work very hard and may be in constant use. The correct selection is important because maintenance costs can be high if the correct model is not selected.



## CCTV

HD images are essential if CCTV is to prove an effective deterrent.

# HOTELS & LEISURE

AC Leigh can offer a full specification service for ironmongery and an access control system specifically designed for hotels and the leisure industry which can be linked to existing registration software.



## SALTO AELEMENT

Aelement's versatile design enables hotels to choose their own unique style. The minimalistic design of the RFID reader looks stylish and discreet on any door.



## SALTO SLIMLINE

The slimline narrow body version is specially designed to fit most Europrofile doors. Mifare proximity operated.



## AUTOMATIC DOOR OPERATORS

Swing or sliding automatic doors add prestige and convenience to entrance doors.



## DESIGNER & PERIOD FURNITURE

All finishes available including bronze, stainless steel and antique brass.



## BATHROOM ACCESSORIES

A full range to suit all styles and periods.



## IN ROOM SAFES

Electronic in room safes to protect valuables and laptops.



## SALTO REPLACEMENT CYLINDERS

The solution for smaller hotels with existing locks, whether they are "Yale" rim type, Europrofile, UK oval, or Swedish oval.



## BOUTIQUE HOTELS

The individual design concept of boutique hotels make them very interesting projects for us to specify ironmongery.

Hotel owners have very definite ideas how the hotel should look and are involved at every stage of the project. AC Leigh consult with the owners and their designer or architect to ensure the finished building reflects their original concept.

Traditional mechanical or electronic locking can be provided to suit the period or image of the hotel.



## CASINOS & NIGHTCLUBS

AC Leigh has supplied many casinos and nightclubs throughout the UK with ironmongery and access control.

We have designed and manufactured bespoke handles for front doors and automatic locking systems.

Nightclubs require careful consideration when it comes to the balance between security and safety. The staff will require secure areas but fire escape is of paramount importance and will require specialised equipment that remains locked to stop entry but will release in the event of a fire.



## HOTEL CONVERSIONS

A traditional harbour side industrial building converted into an ultra modern hotel. A high quality project with owners and designers involved in the selection of every part of the refurbishment.

The Salto hotel system was chosen to ensure the state of the art appearance was continued throughout the building.

This project was part of a small privately owned chain of hotels all specified and supplied by AC Leigh.





## FARLEIGH HOSPICE, CHELMSFORD

Farleigh Hospice is a registered charity which provides hospice care to people affected by life limiting illnesses across mid Essex. Since being established in 1982, the hospice and its team of healthcare professionals have grown and evolved to meet the changing needs of the community it serves.

AC Leigh was asked to get involved at the design stage and worked with the designers and the hospice to provide a building that met the needs of the patients and staff. Ironmongery, master key system, Salto access control and automatic doors were all included to ensure the building was easy to use.



## EACH, IPSWICH

EACH supports children, young people and their families with the challenges that having a life-threatening condition can often bring. Services may be provided in the family home, the community or the hospice.

Careful consideration was given to the ease with which the young children could pass through the building with use of cam action door closers.



## DOCTORS SURGERIES

The modern doctors surgery requires comfortable door hardware for the patients. Locking systems for surgeries can be very complicated with the continuous changes of use from consulting room to office and back to consulting.

Our access control system ensures any change of use is simple and easy to implement. Automatic doors are essential to comply with the requirements of BS:EN 8300 for ease of access.

### MASTER KEY WORKSHOP



The AC Leigh master key workshop can design and manufacture a bespoke system to suit any client requirement.

### AUTOMATIC DOORS



Our fully qualified installation engineers can install automatic doors, either internally or externally, to ensure a barrier-free passage through the building for the young, elderly or infirm.

## TOUCHCLEAN

TouchClean prevents and controls the spread of infection in buildings. It is an antibacterial coating that kills 99% of all contact germs, as well as attacking airborne germs and odours.

All ironmongery that will be touched by staff, patients and visitors can be coated with TouchClean.



# HEALTH



Our experience in the health sector covers all areas, from hospitals of all sizes, to medical centres, doctors surgeries and dental practices.

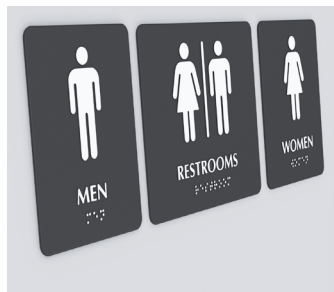
When specifying ironmongery we understand the need for secure, barrier-free access as well as reducing the spread of infection. The products we supply are selected for their durability and high performance standards.

DOOR EDGE GUARDS

BRaille SIGNAGE

WALL PROTECTION

HANDRAILS





# MENTAL HEALTH

AC Leigh has specified and supplied many mental health projects throughout the UK.

We are fully aware of the special considerations these projects require. Our specification team will provide a fully detailed ironmongery specification to include anti-ligature where required, access control, automatic doors and a protected master key system. We know that the line between providing a home from home environment, and a safe one for patients and staff, is a fine one.

The specification of anti-ligature hardware requires experience and knowledge to ensure it doesn't look institutionalised. Our Salto anti-ligature access control system allows residents to be able to lock their doors whilst still allowing staff to gain access at all times in case of emergency.

All of the anti-ligature ironmongery we use is carefully selected from leading manufacturers.

AC Leigh will provide a full specification which will include:

- Anti-ligature
- Anti-barricade
- Vision panels
- Keyless entry
- Automatic lockdown
- TouchClean
- Automatic doors



## SUFFOLK MENTAL HEALTH - ALL AREAS

AC Leigh designed and manufactured an anti-ligature electronic access control handle set for bedrooms.

High quality anti-ligature door furniture was used for general areas and electromagnetic locking doors for corridors.

The majority of health authority buildings throughout the county are controlled with Salto by AC Leigh.



## CAMHS UNIT

NHS adolescent acute and intensive care unit providing care for young people between 11 and 18.

The ironmongery specification included special anti-ligature locksets, full length hinges, removable door stops, privacy vision panels and fully concealed door closers.

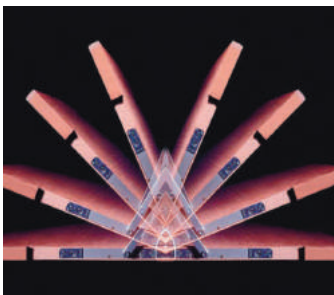


## WOLFSON HOUSE, LONDON

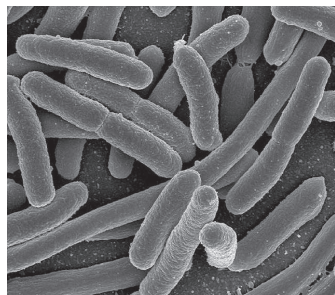
Wolfson House provides low secure services for rehabilitation.

AC Leigh's specification included special full length anti-ligature hinges that have a double action facility to operate in conjunction with a removable door stop.

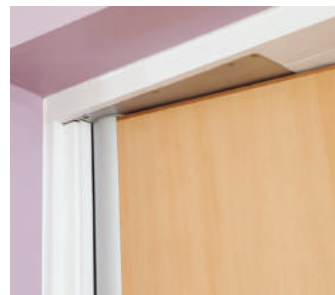
General areas were specified with 316 grade stainless steel ironmongery.



CONCEALED DOOR CLOSER



TOUCHCLEAN



SAFE HINGE ANTI-TRAP



PRIMERA HANDLES



ANTI-LIGATURE ACCESS CONTROL LEVER HANDLE SET



ANTI-LIGATURE FINGER TURN



ANTI-LIGATURE VISION PANEL



ANTI-LIGATURE WINDOW HANDLE

## PRIVATE CARE HOMES

A private house converted into a care home for elderly and dementia residents. Particular attention must be paid to the ease of opening fire doors fitted with self closing devices. Automatic opening doors were fitted in the communal areas and free swing electromagnetic door closers on the individual bedrooms. Bathroom doors that open inwards should be able to open outwards in an emergency should someone collapse behind the door.



# CARE HOMES

AC Leigh has supplied many different types of care homes throughout the UK over the last 50 years and the requirements for each were different depending on the type of residents and level of care required. AC Leigh provides a full consultation with the designers and clients to determine their specific requirements.

The selection of ironmongery for this type of project requires experience

and care. Easy to use door furniture that doesn't look too commercial should be selected as this will be the residents home from home.

Combining security considerations with the need to meet fire regulations can be difficult in this type of building. Specialised access control, automatic door operators and swing free door closers can be selected to meet the requirements of both residents and staff.



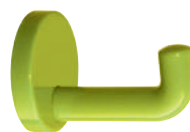
### DOOR HANDLES

Vast range of styles to choose, from modern to period.



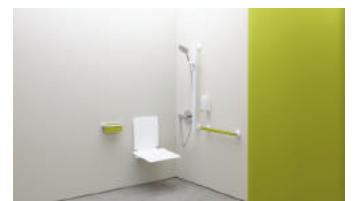
### SUPPORT RAILS

Contrasting colours, warm to the touch metallic finish and stainless steel.



### ACCESSORIES

Full range of bathroom accessories for all finishes.



### HEWI

Complete range of bathroom assisted living products.



AC Leigh will provide a full specification which will include:

- Access control
- Suitable door furniture
- Master key system
- Door automation
- Assisted living support aids
- Secure fire escape hardware



### FIRST CARE HOMES

Park View is the first prestigious development from First Care Homes.

Purpose built with every conceivable feature and facility incorporated, Park View will provide a beautiful home to even the most discerning individual.



### COTMAN LODGE

Cotman homes are situated on the coast in Suffolk, both homes are built into the cliff side directly above the pier and face due south.

Environmental conditions such as proximity of the sea and the corrosive salt air limit the choice for ironmongery, quality stainless steel or Hewi nylon are suitable but aluminium or any brass based product would not last in these conditions.



#### SWING FREE DOOR CLOSER

Electromagnetic swing free allows the door to be opened and closed easily, fire alarm trigger will automatically close the door from any position.



#### AUTOMATICS

Fully wired automatic operators, fob, button or detector automation of existing and new doors.



#### MY BENJI

Automatic door operator for individual bedrooms which can be fully automatic or push and go. Easily moved from door to door for temporary automation.



#### SPECIAL THUMBTURN

Exclusive design to AC Leigh enables easy operation of cylinder locks for the elderly or infirm.



## THE BALANCING BARN

This award winning design is on the edge of a tranquil nature reserve and is a holiday home. The dramatic design has caused much interest for holidaymakers and the press alike. Equally distinctive door handles were specified after consultation with the architect.

# BESPOKE &

AC Leigh has a wide range of door fittings, ideal for new build and refurbished projects. Designed for use in both commercial and residential environments, complementing the finest doors and interior schemes.

Door lever sets are available with face fixed and concealed fixings, unsprung and fixed dead. Pull handles, matching finger plates, turns, releases and escutcheons are also available. Complete the look with matching entrance door furniture; centre door knobs, letter plates, door knockers, cylinder pulls and covers, and bell pushes.

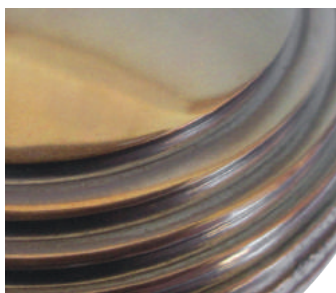
# PERIOD



ANTIQUE BRASS



UNLAQUERED BRASS



PERIOD BRONZE



PERIOD BRASS



RESTORATION

When buildings cover a variety of restoration periods the ironmongery has to match the particular part of the building it is fitted in. Tudor, Edwardian and late 19th century periods were all covered in this project for a private client. The client was involved at all stages and ordered direct from AC Leigh to ensure the correct products were supplied.





## PRIVATE HOUSE

Period ironmongery was supplied after consultation with the clients, doors and windows were fitted with a matching suite of satin nickel.



SAFES



TELEPHONE AND VIDEO ENTRY



BATHROOM FITTINGS



LEVER HANDLES

The construction or renovation of period properties can be a difficult challenge for architectural ironmongers and architects.

AC Leigh have the knowledge and personnel to work closely with the architect and client to ensure products are of the period, arranging the manufacturing of period fittings to match existing in bronze, brass or gunmetal.

# PROPERTIES



## KELLING HALL

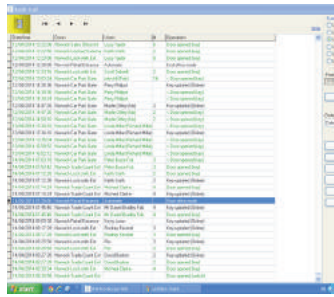
Kelling Hall is a grade II listed building situated in the civil parish of Kelling in the county of Norfolk. Existing ironmongery was removed and refinished to its original appearance. New ironmongery was cast from patterns to match the existing intricate design and finish.



### AUTOMATIC LOCKING

Salto electronic handles can automatically lock or unlock doors at times programmed by you.

This is especially useful when there are numerous doors which need to be locked or unlocked at the same time, i.e. at the beginning or end of the day.



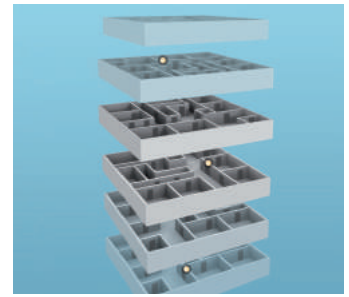
### AUDIT TRAIL

See who's been where and when, each handle records the last 1000 actions it has processed and each user card records the audit trail. An audit report and a battery condition report can be run at any time for individual users and doors.



### TIME RESTRICTED ACCESS

Access cards can be given a valid time, this increases security by ensuring the card will not operate outside working hours. This allows you to program when a particular user of the building is allowed access.



### ZONAL CONTROL

Each Salto card can be programmed to offer an individual level of access. The Salto system allows you to divide your premises into access zones.



### HOTEL & SPA

Salto was used throughout this hotel particularly in the new spa used by hotel guests and day visitors. AC Leigh installed and commissioned the system on a phased programme to allow the hotel to continue to operate. The brand new state of the art spa uses Salto locker locks and readers in the swimming pool.



### CAMBRIDGE UNIVERSITY

The majority of Cambridge colleges have a Salto system installed by AC Leigh, 1000's of electronic cylinders and handle sets using the universities student card. Salto allows each college to control and automatically enroll their students.

### ACADEMIES

Salto is ideal for the large educational project; classrooms, offices, lifts, car park barriers, cupboards and automatic doors can all be operated by Salto using cards, fobs or wristbands. Salto will also synchronise with educational software.



### EXHIBITION CENTRE

A purpose built exhibition centre, constructed in an ultra modern design and using Salto by AC Leigh to control bookings and visitors.

Electronic Europrofile cylinders on individual rooms using the wirefree network to allow users rights to be easily programmed by the reception staff.



# SALTO

## ACCESS CONTROL



The AC Leigh Salto system is the most advanced in the UK. AC Leigh is a certificated partner for Salto and is recommended by the manufacturer for installation, software training and maintenance for end users.

Salto is a proximity system that replaces existing door handles and offers the flexibility of the Mifare system, allowing integration with other software. The system allows you to control who goes where and when.

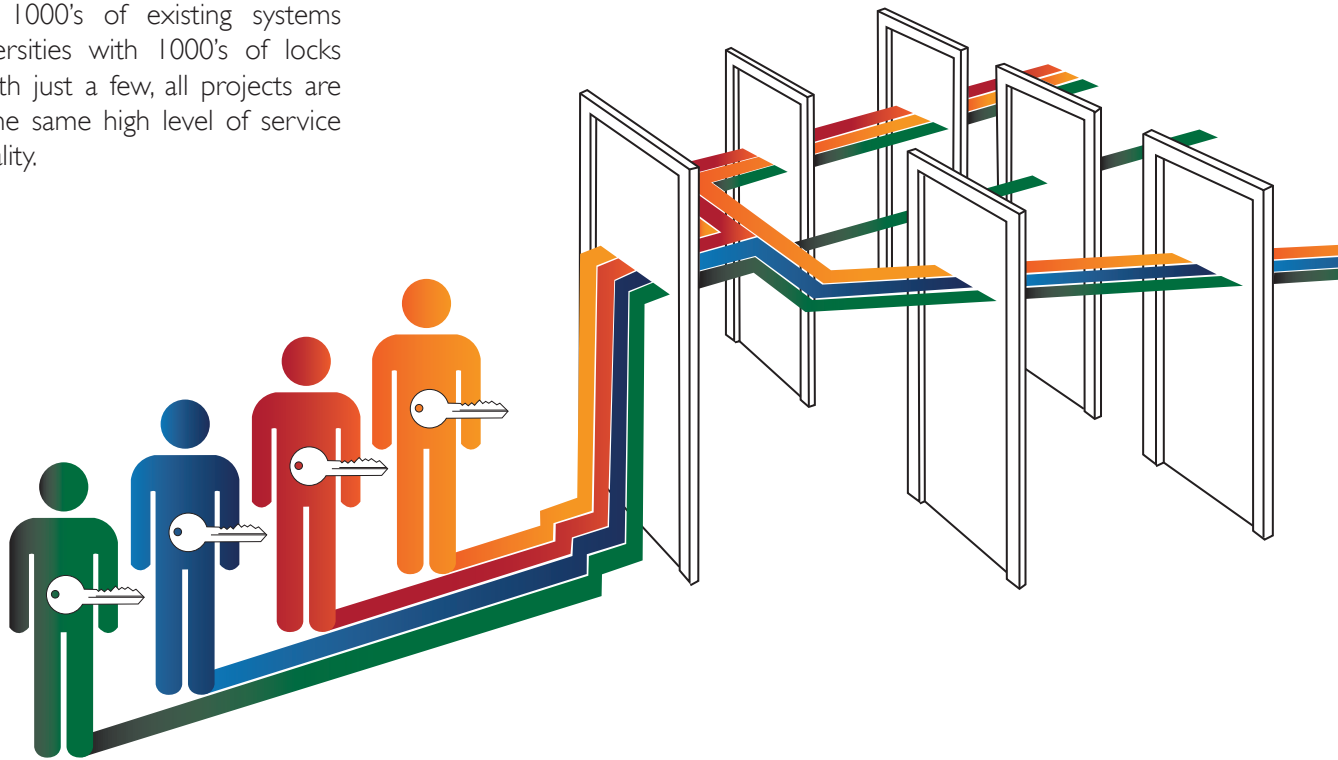
If a card is identified as being lost or stolen it can be removed from the system easily. Once removed, the card will not operate any locks. If the card is found it can be re-initialised to operate locks again. Unlike less secure magnetic swipe cards, Mifare cards cannot be easily copied.

# MASTER KEY DESIGN

AC Leigh are one of the few architectural ironmongers to have a large commercial master key workshop, using the latest computerised equipment we design and manufacture master key systems for commercial, educational and individual properties.

Our master key systems are designed to provide security and convenience for the end user, ensuring keys cannot be duplicated without the correct authority from the registered owner of the system.

Amongst our 1000's of existing systems we have universities with 1000's of locks and houses with just a few, all projects are treated with the same high level of service and confidentiality.



We are specialists in Assa Fix and Trioving door and window hardware, espagnolette systems, handles, locks and accessories. Multipoint locking systems designed for timber windows and doors. Sliding folding large multi door systems creating large open areas bringing the garden into the home. AC Leigh are Assa, Trioving and IPA stockists.

## ASSA FIX



# AUTOS

AC Leigh source, specify and install both swing door and sliding door operators. AC Leigh engineers are A.D.S.A qualified. We provide innovative access solutions to enable energy efficient and barrier-free access. Fully automatic, push and go or selective access control activation.



# SAFES

The majority of commercial and many private buildings will require a safe to protect against either theft, fire or both. The selection of the correct safe is important not just for the immediate needs but to allow for future requirements, whether they are physical size or value to be protected.

Too often in today's market a safe is chosen purely on its cost and not whether it is an approved model with an official 'cash cover' figure. AC Leigh are able to provide advice to clients regarding the specification of security safes, fire safes and security cabinets.

# BRITISH STANDARDS

BS:EN 179	Exit devices
BS:EN 1125	Exit devices
BS:EN 1154	Controlled door closing devices
BS:EN 1155	Electrically-powered hold open devices
BS:EN 1158	Door coordinator devices
BS:EN 1303	Lock cylinders
BS:EN 1527	Hardware for sliding doors and folding doors
BS:EN 1906	Lever handles and knob furniture
BS:EN 1935	Single-axis hinges
BS:EN 12051	Door and window bolts
BS:EN 12209	Mechanically operated locks, latches and locking plates
BS:EN 12320	Padlocks and padlock fittings
BS:EN 14846	Electromechanically operated locks and striking plates
BS 3621	Thief resistant locks
BS 8621	Thief resistant locks
BS 10621	Thief resistant locks

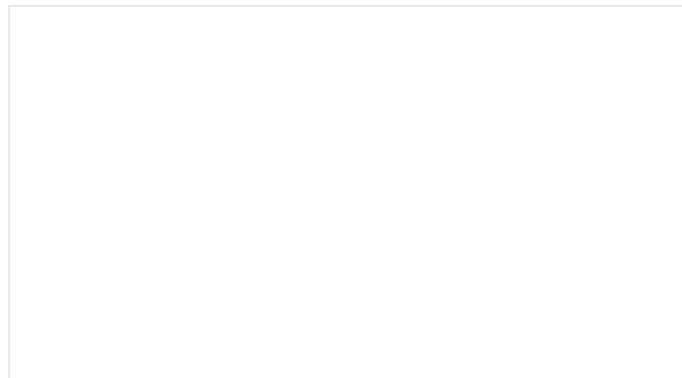


# AC LEIGH

ARCHITECTURAL IRONMONGERS  
SECURITY SPECIALISTS

DISTRIBUTORS OF THE WORLDS LEADING  
MANUFACTURERS INCLUDING:





#### **NORWICH**

61-67 St. Benedicts Street,  
Norwich, NR2 4PD  
Tel: 01603 216500  
Fax: 01603 216510  
Email: [sales@acleigh.co.uk](mailto:sales@acleigh.co.uk)

#### **COLCHESTER**

11 Grange Way,  
Whitehall Industrial Estate,  
Colchester, CO2 8HG  
Tel: 01206 877488  
Fax: 01206 877480  
Email: [colchester@acleigh.co.uk](mailto:colchester@acleigh.co.uk)

#### **IPSWICH**

Unit 2-3, Dencora Business Centre,  
Whitehouse Road, Ipswich, IPI 5LT  
Tel: 01473 292810  
Fax: 01473 292818  
Email: [ipswich@acleigh.co.uk](mailto:ipswich@acleigh.co.uk)

#### **AC LEIGH SECURITY**

61-67 St. Benedicts Street,  
Norwich, NR2 4PD  
Tel: 01603 216501  
Fax: 01603 216514  
Email: [security@acleigh.co.uk](mailto:security@acleigh.co.uk)

[www.acleigh.co.uk](http://www.acleigh.co.uk)