



KCC
GROUP

**Healthcare
Solutions**



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Sustainable healthcare solutions

KCC Group provides innovative solutions for healthcare environments that support effective and compliant access / security and fire strategies.

Our products enhance work spaces and assist in the safe and secure movement of your staff, service-users or patients and visitors into and around your building.

We offer a wide range of world-class products backed up by local expertise and design. We also provide a comprehensive maintenance package to ensure the smooth running of all products through our branch network in Dublin, Cork and Belfast.

We look at your building or project as a whole and offer integrated solutions based around:

-  Doors & Access
-  Specialist Glazing & Partitions
-  Architectural Hardware
-  Maintenance & Inspection

From a small private clinic to the largest hospital, we offer solutions that will deliver for your patients, staff and visitors.

Access Strategy

At KCC we draw on our vast knowledge and experience of healthcare solutions to provide you with an effective, sustainable access strategy. Rather than dealing with each individual element our starting point is an overall view of your actual access needs. We then apply the best products and solutions to deliver that strategy, including door automation, access control, key control and architectural hardware. This ensures a fully compliant, integrated solution where all components compliment each other.



Automatic doors

Automation solutions

Healthcare automation solutions have to take into account a wide range of users and environments. For example, the front entrance of a hospital or clinic will usually require a revolving door or sliding door system, capable of handling a very high volume of traffic from a wide spectrum of users. Internally, most healthcare facilities will use automated swing doors with or without access control, which we can also supply and install. We also supply and install healthcare-specific automated doors such as Hermetically Sealed doors and cleanroom doors for environments where hygiene control or radiation containment is paramount, such as an operating theatre or x-ray facility.

Automatic door solutions include

- Revolving Doors
- Swing Doors
- Sliding Doors
- Curved Sliding Doors
- Folding Doors
- Hermetically Sealed Doors
- Cleanroom Doors

Scale & team to deliver

We have a team of skilled engineers and installation experts operating nationwide to ensure your automated doors are installed and maintained in line with European Standard BS EN16005.





Access control

Enhanced Security

With the requirement to meet the wide scope of access and security in the healthcare sector, we supply, install and support everything from simple mechanical digital locks to fully networked access management systems to suit everything from a single door to thousands of doors.

Hygiene control

Our range includes touch-free access readers and activation units for areas where infection control is of utmost importance.

Our access control products can interface with BMS (Building Management Systems) and fire safety equipment and other elements such as automation, barrier systems and lifts. Once installed we provide 24/7 support through our network of service centres.

Solutions include

- RFID - Contactless Smart Access Solutions
- Stand alone & network-based control solutions
- Electronic locks & cylinders
- Electronic strike & magnetic door locks
- Bio-metric / recognition (fingerprint / hand / facial)
- BS EN1125 compliant electronic panic locking systems
- Touch-free sensor activation units





Key management

Tailormade master key suite

Giving staff access to specific areas of the building and limiting access elsewhere is vitally important but managing it in a large building with multiple-access requirements can become a real nightmare.

We can provide you with a tailor-made Master Key suite, specific to your requirements to maximise the security of your building, and to minimize the number of keys required.

Key management system

The security and safety of your building, patients and staff are crucial to providing optimum patient care at healthcare facilities. In addition to providing you with an access control strategy to manage the flow and movements of staff, patients and visitors in your establishment, we can also integrate a key management system to ensure that sensitive keys or assets do not leave site, or be allowed on to site, depending on your requirements.

We can provide specially designed “key cabinets” to control, manage and audit your keys and assets so that downtime is reduced, staff are held accountable and restricted access can be preserved by assigning each individual user, selected access rights.





Architectural hardware

Our team will be able to advise you on the best hardware solution to suit your needs in terms of usage, aesthetics and function.

Our range includes door levers, pull handles, signage, door closers, hinges, locks, cylinders and master key locking systems, in different materials and finishes, depending on your requirements.

All of our hardware is fully compliant with industry standards and we provide all of the appropriate performance, fire test evidence and certification for your peace of mind.

Specialist ranges

We also offer anti-ligature hardware including handles, locksets, window restrictors, window handles and load release fittings, anti-barricade doors, and anti-microbial door furniture which offers decomposition of infectious bacteria and micro-organisms as well as a high degree of durability.

To protect doors, walls & surfaces from damage through wear and tear in busy healthcare environments, we offer a range of impact protection and antibacterial solutions.



Fire Strategy

An effective and compliant fire strategy is paramount in any public-occupied building. We assist you in ensuring your staff, patients and visitors will have a carefully planned-out escape route, that is protected from smoke, fire and heat, and is fully compliant with industry standards and legislation. Our in-house advisors can work with your design consultants and facilities teams to ensure compliance with the fire strategy, incorporating fire doors and screens, riser doors, fire shutters and curtains, emergency escape exit systems, smoke and heat ventilation systems and even fire door inspections.



Emergency escape doors & hardware

Our steel doors can provide safe, secure entrance and exit in healthcare buildings. They can be easily incorporated into a new design or retro-fitted into an existing building to enhance and improve performance. They can be integrated with a wide range of door hardware and automation systems to meet appropriate requirements and can be fire-rated and insulated up to four hours to protect personnel & property from the spread of flames & smoke. The range has been tested to BS 476 Parts 20 & 22, and BS EN 1634. We offer fully CE marked external door solutions.

Panic hardware

Panic hardware is designed to provide high security from the outside but permanent, safe mechanical escape from the inside. Our range includes fully mechanical as well as electronic solutions that integrate with access control but always conform with the BS EN1125 Standard. The range covers solutions for timber, aluminium and steel door systems.





Fire rated glazing

Containing and controlling the spread of fire is crucial to providing building users and occupants with a safe and effective passage to escape. Glazed fire screens and doors help to contain the spread of fire, improve visibility, and allow for the flow of natural light through a building.

Our glazed fire screens and doors are available with integrity-only (E) or integrity & insulation (EI) fire protection ratings, depending on your specific requirements. We offer height capabilities of up to 3 metres, slim profiles, maximum glazed elements, integrated hardware and access control and manual or automatic operation, depending on the intended use. We also provide both fire and non-fire rated internal and external curtain walling systems and viewing panels.

Choosing the right solution for your building

The choice of system is determined by several factors including your fire resistance requirements, e.g. 30, 60, 90, or 120-minute fire protection, sound insulation requirements, door functionality, e.g. push/pull vs. mechanical “lever” function, budget, aesthetics, location within your building, intended frequency of use and compliance with building regulations and BS EN1634-1 / BS476 Part 22.

Smoke & heat ventilation

In any healthcare setting, having a good flow of natural air throughout the building is of paramount importance to maintaining the health of patients, staff, and visitors.

We can design, supply, install and maintain natural heat and smoke ventilation systems through manual and automatic window actuation systems and concealed automatic opening vents that can be linked into the Building Management System (BMS). This allows fresh air to flow into the building even through difficult-to-reach windows, allowing for natural ventilation.

Additionally these systems offer a carefully designed escape route for smoke in the event of a fire emergency, being linked into the buildings BMS and fire alarm.





Fire door inspection

Fire doors are a crucial part of any public, commercial or multiple-occupancy buildings protection strategy. They resist fire and smoke, protect escape routes and effectively save lives, but only if they work properly.

Our Fire Door Inspection service means that we will assess the door, report our findings and where necessary, correct any issues. Legislation* covering Ireland and Northern Ireland applies to all public buildings and responsibility for Fire Safety lies with the building manager, ie. whoever has day-to-day control of the building itself. This designated 'Responsible Person' is expected to take steps to protect occupants in your business or premises from the risk of fire.

A Fire Door is a life safety device and therefore needs the same consideration as fire extinguisher or fire alarm testing. The recommended frequency for fire door inspection is bi-annually.

*Fire Services Act 1981 / 2003 / Fire Safety Regulations NI 2010



When we have completed your inspection, we will generate a comprehensive report, detailing the condition of each door and listing any area of non-compliance. Our software creates a database and asset register for future on-going inspections.

As part of our post-inspection service, we can also facilitate any remedial works required to ensure that your doors are compliant.

In addition to inspecting and reporting on the Fire Doors in your building, we will also provide advice on:

- Future Inspection dates
- Any maintenance required
- Any replacement components required
- Whether or not replacement doors are necessary
- Quote for a 'supply only' or 'supply & fit' service for any maintenance or replacement parts detailed in the report.



Area & Spatial Management

You can achieve a flexible space with our movable walls and partitions, ideal for turning one large room or ward into two or three smaller spaces. Our movable wall systems are acoustically tested, easy to use and aesthetically pleasing. Access to service areas in a building can be a real pain – we provide a concealed frame solution that can be easily installed and accessed and blends almost seamlessly into the surrounding walls to create a flush, smooth finish.

Movable walls & partitions

Movable walls and partitions allow for a better, more flexible use of space within a building.

Our movable walls solutions will satisfy even the most stringent user requirements. Our most popular options offer excellent acoustical properties and insulation values, ideal for creating multiple private rooms within one large ward for example.

The system runs smoothly along a track by means of ball-bearing trolleys, making it very easy for staff and maintenance officers to operate. The systems have been designed to eliminate the need for floor guides. They are made up from various different panels

which can be finished in a variety of different styles.

Due to a metal self-supporting frame, a height of more than 15 metres can easily be reached, allowing you to design a wall that meets your requirements entirely, both technically and aesthetically.

Our walls can meet the highest fire safety requirements. We work with Parthos who are one of the few manufacturers in Europe who have developed a wall able to withstand flames for longer than 60 minutes. We also supply walls with a fire resistance rating of 30 minutes and fire retarding walls.



Riser door systems

A necessity in most buildings, traditional riser doors often create an unwelcome eyesore in public areas. KCC riser door systems are elegant, frameless riser doors which allow you to create a flush seamless finish. The high performance folded steel frames with an integral perforated plasterbead allow the plaster or tape and jointing compound to be applied up to the edge concealing

the door frame and all fixings. Extensive testing has been carried out to cover for all fire and acoustic needs. As such, this range of concealed riser doors is the most extensive and versatile range on the market to date.

Key features

- Aesthetically clean and discreet
- Concealed frame
- Concealed hinge
- Remarkably quick and simple to install

- Fire tested up to 2 hours
- Acoustically and air leakage tested
- Textured or primed finish to allow same finish as walls

Door, Wall & Surface Protection

A healthcare environment will succumb to a high level of wear and tear damage due to trolleys, wheelchairs, equipment and people constantly moving through the building and in turn areas such as doors, walls, corners and other surfaces can become damaged over time. We offer a wide range of protection products to protect doors, walls, surfaces and people in your building. We also provide anti-microbial and antibacterial materials such as wall and door coverings, handrails and hardware, to enhance your facilities overall hygiene control strategy.



Surface protection

We use specialist products to protect surfaces that can be damaged over time through wear and tear and excessive use, such as doors and walls, in healthcare environments. These protection methods and products can not only extend the life of interior decor, therefore reducing maintenance costs, they can also enhance the aesthetic appearance and hygiene control of healthcare environments.

We select the most appropriate product solution to suit your requirements, whether that is aluminium or PVC-u door edge guards, frame guards, antibacterial impact protection sheets, clad beading, door and wall bumpers, full mortice hinges capable of withstanding high impact and heavy usage, finger safety hinges, vision panels for patient monitoring, access ramps, thresholds for protection against sound, draught and weather, handrails, wall guards and more.



Patient Protection

We offer a range of specialist patient protection hardware, ideal for healthcare areas such as mental health facilities, secure homes etc. Items that might be considered normal in other areas of a hospital, for example a door hinge or handle, or window lever, could all potentially pose a very serious ligature risk to some patients. We also provide effective solutions for areas where patient monitoring, or patient privacy, may be required via the use of door vision panels.



Patient protection

When planning the construction or refurbishment of a bedroom or bathroom for patients suffering from mental illness, it is imperative from the initial design stage to consider and eliminate all points where a cord, rope, or bed sheet could be looped or tied to a fixture creating a point of ligature, which could result in self harm or in extreme cases, loss of life.

Unfortunately, many items that would be considered standard for a healthcare environment bedroom or a bathroom create ligature risks and therefore alternative products must be used.

Other specialised products such as door top alarms alert staff to potential ligature attempts. Other solutions include full mortice hinges and finger protection hinges to minimise the risk to life of patients in your care. The use of door vision panels allows for both patient monitoring and privacy, as and when required.

Solutions include

- Anti-ligature handles
- Anti-ligature locksets
- Anti-ligature window restrictors
- Anti-ligature window handles
- Load release anti-ligature
- Fixed anti-ligature
- Vision Panels
- Door top alarms
- Finger protection hinges
- Full mortice hinges





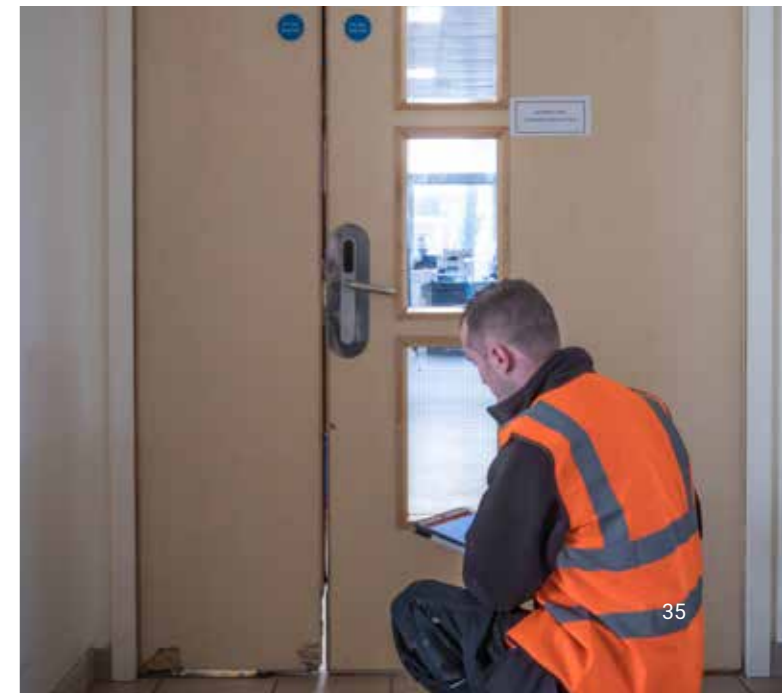
Maintenance support

We provide tailored maintenance solutions for all sectors including healthcare, offering nationwide coverage from our locations in Dublin, Cork and Belfast. Our Service Level Agreement (SLA) clients benefit from 24/7 support and technical assistance.

Our skilled engineers and maintenance team provide compliant service and maintenance to minimise disruptive downtime to your business. Fixed routine maintenance fees also enable cost forecasting.

Maintenance support includes

- All forms of automatic doors
- Access Control systems
- Master Key suites
- Ironmongery - locks, levers, handles, cylinders
- Movable walls
- Emergency escape door hardware
- Door, wall & surface protection
- Door operators, closers & motors
- Fire Door Inspection & repair



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