

*Dedicated to People Flow™*



SAFE, HYGIENIC, RELIABLE AND ECO-EFFICIENT

# KONE doors for hospitals

KONE - your trusted partner

- People Flow® expertise to ensure safe and efficient movement of people and goods in buildings
- Automatic building door, elevator and escalator equipment and services, all from one place
- Total life-cycle knowhow: design, installation, maintenance and modernisation
- Quality products (e.g. TÜV, ISO approved), built in accordance with all applicable norms and legislations
- Energy-efficient and modern-looking doors for every building
- Preventive maintenance with dedicated and trained technicians, fast delivery of spare parts



# A successful hospital visit begins at the door

KONE manufactures, installs, maintains and modernise's automatic building doors, elevators, and escalators. These solutions ensure that patients, staff, visitors and goods move smoothly, efficiently and safely into, within and out of the hospital. We work with you to provide the ideal door solutions for your hospital, including special features such as fire protection, radiation shielding, sound reduction and air-pressure control.

## Safety and accessibility

KONE automatic doors provide safe and secure access for patients, staff, and vehicles. They can be integrated with access control systems. Our products meet the strictest safety and accessibility standards. They are TÜV certified and meet international norms. KONE products are manufactured in accordance with ISO 9001:2000 and ISO 14001.

## Efficiency

KONE doors save time and space. Efficiency is important in the reception area, where dozens of visitors may be arriving at the same time. At the emergency entrance, every second is vital. KONE solutions can also save space. For example, the KONE Gliding Door solution can save up to 10-15% of the space in a patient ward.

## Hygiene

Hygiene is a top priority. We use smooth, rounded surfaces so that dirt cannot get caught in joints and corners. Anti-microbial surface materials are used in door handles, for example. Doors with automatic or hands-free opening improve hygiene and reduce the need for cleaning.

## Energy-efficiency

A large amount of the electricity costs for heating and cooling a hospital lobby or a loading bay can be lost through the doors. KONE has developed several solutions that can reduce these costs significantly, for example by reducing the opening and closing times and the width of the door opening when it's cold outside.

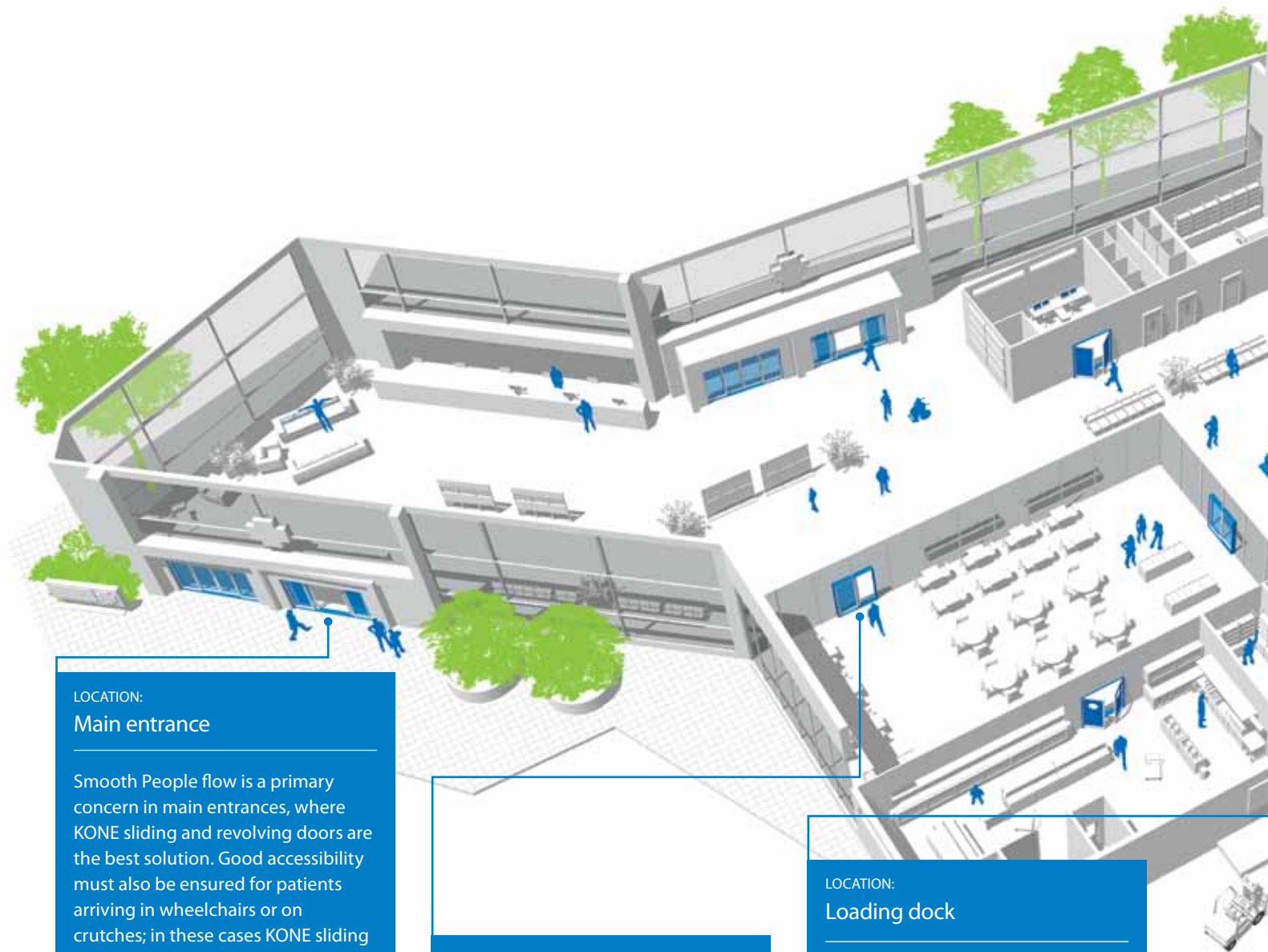
## Aesthetics

Attractive doors in the lobby and wards help to soothe patients and visitors, and match the architecture of the building. KONE provides many options for materials, to suit the requirements of architects and create a pleasant atmosphere in the hospital. First and last impressions are important, and well-designed doors are the beginning and end of a successful hospital visit.

## Reliable service

We service the full range of doors, gates and shutters used in medical buildings. KONE Care™ maintenance is based on preventive maintenance, to detect and repair minor faults before they can cause disruptions. This is very important, because a nonworking operating theatre door, for instance, might cause cancellation of planned operations. Well-trained and dedicated KONE service technicians are at your service. The KONE Customer Care Centre is available to serve you 24 hours a day, 365 days a year.

# Key requirements of hospital areas



LOCATION:  
Main entrance

Smooth People flow is a primary concern in main entrances, where KONE sliding and revolving doors are the best solution. Good accessibility must also be ensured for patients arriving in wheelchairs or on crutches; in these cases KONE sliding doors are ideal solutions. KONE can also provide solutions to prevent the escape of warm and cool air from the lobby. This not only reduces heating or cooling costs; a steady temperature in the lobby improves the comfort of patients and visitors.

DOOR TYPE:



LOCATION:  
Cafeteria

Doors to the cafeteria must provide automatic access for large numbers of people. KONE Sliding doors have a compact operator that saves space and blends in with the building

DOOR TYPE:

Sliding



LOCATION:  
Loading dock

Large quantities of medicine, food and other equipment arrive every day. KONE can provide a full range of robust solutions that can reduce energy consumption while increasing

DOOR TYPE:



Sectional overhead



High-speed



Roller



LOCATION:  
Hallways & Corridors

Well-designed doors in hallways and corridors reduce noise to improve patients' comfort, retain heat to lower energy costs, and provide fire protection and

DOOR TYPE:



LOCATION:  
Patient wards

In patient wards, a wide opening to allow easy access for patients in wheelchairs and hospital beds is preferable. KONE Gliding™ doors are quiet, save space and improve hygiene. They have no threshold, which improves accessibility for

DOOR TYPE:

Gliding



LOCATION:  
Operating theatres,  
X-ray rooms

This is the most demanding environment for doors in the hospital. They must provide fire protection, sound reduction and radiation protection. They cannot emit a magnetic field that could disrupt sensitive equipment. KONE Hermetic Sealing doors help to reduce cross-contamination and maintain constant air pressure. Automatic activation eliminates manual contact and therefore improves hygiene. Hermetic sealing doors can be integrated with leading access control systems.

DOOR TYPE:

Hermetic sealing



LOCATION:  
Accident & Emergency  
entrance

At the A&E entrance, fast opening of the sliding and sectional overhead doors can save precious seconds. KONE can also supply air curtain solutions to improve comfort, and safety solutions to ensure that patients and equipment don't get

DOOR TYPE:

Sectional overhead



LOCATION:  
Staff entrance

For staff it is important to create a good balance between access and security. KONE Sliding and Swing doors can be integrated with leading

DOOR TYPE:

Access



# A full range of door solutions for demanding medical facilities

KONE doors are reliable, easy to use, and designed for use in medical environments. We can supply a full range of solutions from revolving and sliding doors for the main entrance to fire and X-ray resistant doors for the operating theatre. KONE doors suit your building's architecture, and can provide a uniform look throughout the hospital, for example.



## Revolving doors

The revolving door is an always-open, always-closed solution. It enables smooth people flow and quiet operation while preventing the loss of warm and cool air from the lobby.



## KONE Sliding doors

KONE Sliding doors provide smooth access, for example in the reception area. Throughout the hospital, their design can match the architecture and special requirements of different wards. For example, glass panels provide good visibility to improve people flow and prevent accidents.

They can also save energy. When it is cold or hot outside, the KONE energy efficient sliding door solution reduces the door's opening width and duration, decreasing the amount of warm or cool air lost from the building. The savings can amount to thousands of kWh a year.



#### KONE Swing doors (with access control)

This compact door operator is a fully-automatic, smart door operating unit that is suitable for a variety of swing doors. It is especially suitable for hospitals and other medical environments. For example, it is equipped with a spring mechanism to provide automatic closing of the door in the event of a power failure. It can be integrated with leading access control systems.



#### KONE Hermetic Sealing doors

Conditioned rooms require wide, practical entrances. For these environments KONE Hermetic Sealing sliding doors are ideal. With low weight and excellent noise reduction, these doors are designed for operating theatres, laboratories and other clean room environments where air-pressure control and hygiene are of the utmost importance. They improve hygiene and general sanitary conditions. Options are available for fire and X-ray radiation protection, and noise



#### KONE Gliding™ doors

KONE Gliding doors are ideal in a hospital. They open and close very smoothly and silently. The door panels are held up by magnetic fields, so all it takes is a light touch to move the door. The door can be completely suspended in the groove, improving hygiene and eliminating damage that can be caused by collision from hospital beds, for example. There is no threshold, making it easier to move patients in beds or wheelchairs. This solution can save considerable space in patient wards and lavatories.



#### KONE Sectional overhead doors and Roller shutters

On the loading dock, fast turnaround time is essential to ensure the smooth flow of goods into the hospital. KONE doors, gates and shutters are durable solutions that provide long service life and low energy consumption, and comply with all relevant safety





KONE provides innovative and eco-efficient solutions for elevators, escalators and automatic building doors. We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernisation. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace®, KONE MaxiSpace®, and KONE InnoTrack™. You can experience these innovations in architectural landmarks such as Capital City in Moscow, Hongqiao Transport Hub in Shanghai, North LaSalle in Chicago and Tour First in Paris.

KONE employs, on average, about 35,000 dedicated experts to serve you globally and locally in about 50 countries.

KONE Corporation  
[www.kone.com](http://www.kone.com)

## KONE plc

### Head Office

KONE plc, Global House, Station Place,  
Chertsey, Surrey, KT16 9HW  
[sales.marketinguk@kone.com](mailto:sales.marketinguk@kone.com)

### Regional Offices

KONE plc, Unit 5 Beechwood , Chineham  
Business Park, Basingstoke,  
Hampshire, RG24 8WA

KONE plc, 2425 Regents Court,  
The Crescent, Birmingham Business Park,  
Solihull, B37 7YE

KONE plc, Suite G7/G4, Duart House,  
Finch Way, Strathclyde Business Park,  
Bellshill, ML4 3PR

KONE plc, Worth Bridge Road, Keighley,  
West Yorkshire, BD21 4YA

KONE plc, 34 Bedford Road,  
Clapham, London, SW4 7HJ

KONE plc, 1000 Birchwood Boulevard,  
Birchwood, Warrington,  
Cheshire, WA3 7QL

### General Enquiries

Tel: 0845 1 999 999  
[www.kone.co.uk](http://www.kone.co.uk)

