

# HealthCare

**besam**   
**ASSA ABLOY**



ASSA ABLOY, the global leader in door opening solutions

The healthcare sector is a multi-faceted and sophisticated industry with applications ranging from hospitals to homes for the elderly, and accommodations for disabled – all with differing internal and external entrance environments. This makes the sector a demanding challenge for everyone who collaborates with, or delivers goods and services to, a partner in healthcare.

For us, the healthcare sector is home turf. As the world's leading provider of entrance solutions, we have offered a multitude of door products and cost-reducing services to the healthcare sector since 1962. Our history of global experience and local awareness helps us to understand clients' demands and what needs to be done in specific situations when it comes to healthcare entrance solutions.

# Entrance solutions

## **Application expertise**

The main entrance, infection clinic, surgery area, X-ray rooms and narrow corridors. Operating theatres, kitchen areas and emergency rooms...

They all have entrances, but their demands differ. This is why every hospital and service residence requires tailored solutions for each location.

Besam entrance solutions provide added convenience, security and safety for staff with their hands occupied, for people with mobility or sensory impairment, and most importantly - when saving seconds will save lives.

In a time of increased awareness of infectious disease and hazardous biological materials, our products help to maintain and increase the safety when isolating sensitive areas like surgeries, infection wards and the like. Quality automated solutions can help reduce costs, save energy and prevent damage to doors and other equipment, while also improving internal logistics and generally making life easier for all users.

### **Reliable security**

A Besam product is easily connected to existing fire alarm systems. While some applications can serve as firewall protection, others can offer an emergency break-out. Security and reliability are two of the most important factors when designing, producing, installing and maintaining a Besam product for the healthcare sector.

We can provide extensive flexibility in operation and security levels. A combination of automated entrances with security access control can provide a truly secure and convenient entrance for staff, patients and visitors – giving peace of mind.



The Besam entrance solution provides convenience for staff and patients with trouble-free and safe entrances. Security, traffic-flow and cost-effective operation of the door are all taken into consideration with a solution from Besam.

### **Healthcare sector products**

In addition to three main product lines, we provide complementary products such as rollershutters and air curtains. Besam also provides a variety of specialised versions to meet customer demands in terms of security, hygiene and traffic flow.

Read more about this topic at [www.besam.com](http://www.besam.com) or contact your local Besam representative.



### 1 Main entrance – Hospital

The revolving door provides an aesthetically pleasing and environmentally-friendly entrance giving convenient access for pedestrians, wheelchair users and even people being transported on beds. Combined with a vertical air curtain, this entrance solution can help reduce heating costs.

### 2 Accident and emergency

The sliding door provides a rapid opening when minutes really count. It can easily be integrated with an access-control security system to provide peace of mind for staff and patients. An overhead air curtain increases the comfort even more.

### 3 General staff entrance

A sliding or swing door solution can be integrated with an access-control system for acknowledging when staff are on or off the premises.

### 4 Operating theatre doors

The sliding hermetic or non-hermetic door helps to minimise cross-contamination and spreading of infection in sensitive areas. The door can be controlled with a variety of activation devices designed to minimise hand use in these clean environments.

### 5 Entrance to maternity department

The double automatic swing doors in this case are incorporated with a proximity access-control system. A tag system identifies staff and patients approaching the doors from either direction, which will then automatically unlock and open, providing a secure and easy entrance. Non-tag holders use an intercom to call the maternity department desk for access.

### 6 Toilets for disabled

Disabled users have a convenient way of automatically opening the doors to their dedicated facilities. The system incorporates electronic locking and an emergency override system. This can help reduce the need for personal assistance.

### 7 Staff kitchen and laundry areas

Swing doors in these areas provide an easy way of entering with trolleys and catering equipment.

But doors here are often subjected to damage via trolleys and other equipment. Automating them will reduce door damage and therefore improve the longevity of the doors.

### 8 Loading bay areas

Rollershutters provide additional security in an area which can often be left unattended.

### 9 Corridor doors and doors into enclosed areas

Swing fire corridor doors and doors into enclosed areas can be automated via radar devices. This helps to improve access around the building, retain heat and lower noise, as well as helping to reduce door damage from wheelchairs and other equipment.

### 10 Entrances to bed wards and private rooms

Single or double swing doors that can incorporate door automation and also access control where necessary. Doors can be opened by either automatic or manual activation devices. Units can be retrofitted onto existing doors or complete new systems can be provided.

### 11 Main entrance – Nursing home

A sliding door entrance provides adequate room for wheelchairs and scooters. Combined with an overhead air curtain, it helps maintain heat within the building. With access control and an entry phone system, residents can allow visitors into the building by the push of a button from their accommodation.

### 12 Motor scooter entrance

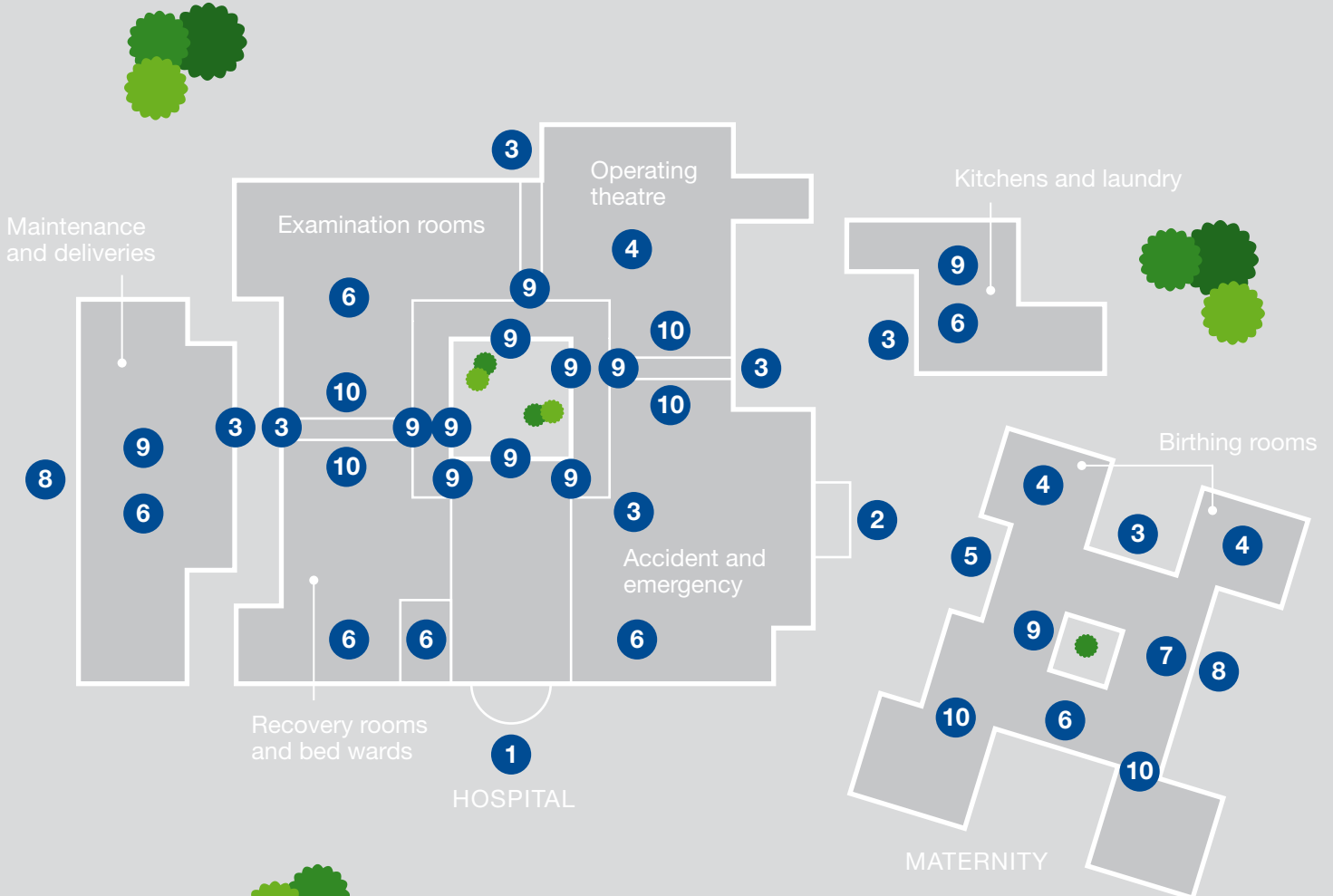
Another example where sliding doors can be used incorporating access control, this time with an automated rollershutter for additional security.

### 13 Private home entrance

A single swing door operator, here retrofitted onto the existing door and integrated with an access-control system and electric lock unit.

### 14 Internal doors to private home

Bathroom/WC doors and bedroom doors can be automated with swing or sliding doors to improve access around the home. This is particularly useful for residents with high dependency on wheelchairs or walking aids.





## Revolving doors

A revolving door system is particularly useful when you want to control the indoor climate because it leaves no draught and is large enough for wheelchairs, stretchers, gurneys and medical equipment.

Revolving doors have high traffic capacity and are an attractive and welcoming entrance solution.



## Sliding doors

These products are suitable for large traffic flows and high demands on air-tightness. A sliding door is a common solution for front entrances, emergency rooms, operating theatres and loading docks.

Sliding doors are available in a standard version as well as telescopic, all-glass and in different curved styles.



## Swing doors

A swing door set-up claims a minimum of space and provides a maximum of clear opening width. The swing door application is excellent for creating and maintaining security zones, smoke and fire zones. Swing doors are rugged, reliable and used at healthcare facilities around the world.

The product is also very suitable for automation of existing manual doors – allowing you to upgrade doors in the most cost-effective way.



## Global service programme

Besam is not only up-to-date with today's industry standards and design. We also place much pride in providing qualified recommendations for installation and service in our effort to help you get the most out of your investment. In every market where we offer our products, we also offer a dedicated service programme.

### Local Service Management

A single point of contact is all you need to get the benefit of our service covering all of your entrance solutions. We serve Besam door systems as well as other brands. With a planned maintenance agreement, we will help to optimise your installation's efficiency and reduce its costs during the lifetime of the product. In addition we offer operator upgrade kits for all major brands of existing sliding door installations.



A service upgrade kit provides you with a new automatic door operator, keeping your existing door. It is a cost-effective investment prolonging the life of your sliding door systems.

Every Besam door is numbered and connected to management tracking programmes that provide reports about history, type, location, operator and service costs. We also offer specialised customer training and support programmes, as well as technical advice on retrofits and surveys for replacements.

### Around the world and back home

Reliable products, continuous development work and groundbreaking service programmes make us the leading global supplier of entrance solutions to the healthcare sector. Our product portfolio contains global products and solutions, but our point of view is always local for every single application.

Visit us at [www.besam.com](http://www.besam.com) or visit your local Besam representative.



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### **Besam in brief**

World leading supplier of entrance solutions

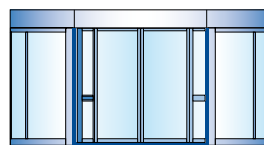
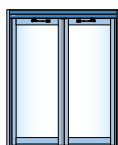
Global presence – local mindset

Global service programme

Customised applications

Design and functionality

A safe investment



[www.besam.com](http://www.besam.com)

ASSA ABLOY is the global leader in door opening solutions,  
dedicated to satisfying end-user needs for security, safety and convenience.  
The Group has over 32,000 employees and annual sales of over EUR 3 billion.