



BOON EDAM
YOUR **ENTRY** EXPERTS.



MODERNISATION AND UPGRADES.

RETROFIT SOLUTIONS TO **OPTIMISE YOUR ENTRANCE**



INTERACTIVE.

Make the most of your experience within this brochure, and hover your mouse over words and pictures to gain deeper insights and inspiration.

OVERVIEW

Whether it is a revolving door, a speed gate, or a high-security door, we believe that your investment should grow and adapt with you. Technologies evolve, standards and regulations change, and user expectations increase, so it is important to have the flexibility and resources available to ensure your building's entrances meet not only your needs but the needs of your employees and visitors too.

As a result, we proudly offer a range of modernisation and upgrade services, each designed to keep your revolving doors and security entrances up to date, compliant and equipped to tackle the everyday.

ENTRANCE MODERNISATION SOLUTIONS.

All Boon Edam products are designed and manufactured to be upgraded over time, making installation simple and keeping maintenance to a minimum. From replacement entrance matting and door brush strips to increased security measures a complete renovation of your existing entrance - there's no change too big or too small.

No matter the size or scope of your project, our entry experts work with you every step of the way to ensure your needs and requirements are met. Contact us to discuss your requirements.

AUTOMATIC AND MANUAL DOOR RETROFIT.

Boost the reliability, energy efficiency, accessibility, and appearance of your revolving door.

Almost every commercial revolving door can be upgraded from a manual to an automatic, or vice versa. It is an economical solution to door automation and one where your business can benefit from improved comfort, hygiene, and accessibility

SAFETY AND SECURITY UPGRADES.

Protect your people, property, and assets, and maximise user safety.

All Boon Edam products can be retrofitted with security features to fit into a physical security plan for an extra layer of protection. Whether there is a physical threat occurring immediately outside your door or you require authorised access after hours, our security upgrade options allow for an added layer of protection.

DOOR CARE AND REFURBISHMENTS.

Give old, dated equipment a new lease of life without the need for a full replacement.

At Boon Edam, we understand the importance of giving visitors a comfortable and welcoming experience. If your entrance is looking a little tired and worn, we offer many options to keep it looking as good as new.

For more information, please contact your local entry expert or visit our website:

boonedam.co.uk/modernisation



ENTRY EXPERTS SINCE 1873.

Experts in delivering engineering excellence for 150 years.

At Boon Edam, we are proud to support our customers throughout the lifecycle of their entrance; from design, manufacturing and installation to maintenance and modernisation – we are here, every step of the way.



NATIONWIDE COVERAGE.

With national coverage, you can expect a more efficient yet, premium service, no matter where you are in the UK.



DEDICATED EXPERTS.

Our specialists use their vast knowledge, diverse experience, and first-hand insight to transform your vision into a reality.



END-TO-END SUPPORT.

Our experience and expertise enable us to support our customers at every stage of the process, from start to finish.



150 YEARS OF EXPERIENCE.

A well-known and respected leader in entrance control solutions that has delivered engineering excellence for 150 years.



CONTINUOUS INNOVATION.

Our passion for developing market-leading entrance products fuels our culture for continuous innovation.



PREMIUM QUALITY.

Quality creates value. That is why we design and manufacture best-in-class products that can stand the test of time.





UPGRADE YOUR REVOLVING DOOR.

There are many reasons why customers choose to upgrade the operation of their revolving door, whether that be an unexpected rise in footfall, an increased need for security, or to provide better accessibility for all visitors. At Boon Edam, we have a dedicated team of specialists providing entrance modernisation and upgrade solutions. Our services range from minor yet impactful modifications to large-scale security and safety upgrades to ensure your entrance looks and performs at its best.

IS IT TIME TO UPGRADE?

Even with a comprehensive maintenance agreement, after years of usage and wear and tear, every revolving door will need replacing or modernising at some point in its lifetime. If you experience any of the following, please contact us to discover how we can support you.

- Does your door frequently break down?
- Is there a decrease in the performance and speed of your entrance?
- Do visitors struggle with heavy manual doors?
- Are you experiencing accessibility issues?
- Does your entrance give the best first impression?

Many of the common performance issues associated with revolving doors can be solved with modernisation. Many individuals postpone the idea of modernising or upgrading their entrances, despite frequent breakdowns and the costs involved.

We believe that your investment should grow and adapt with you. That is why our products can be modified and fine-tuned to suit your needs now, tomorrow and for years to come.

BENEFITS OF UPGRADING YOUR REVOLVING DOOR.

- ✓ Optimise efficiency
- ✓ Extend product life
- ✓ Higher reliability
- ✓ Improve user safety
- ✓ Increase accessibility
- ✓ Reduce energy costs
- ✓ Enhance appearance
- ✓ Minimise breakdowns

DOOR MODERNISATION SOLUTIONS.

It's not always feasible to remove existing revolving doors and install new ones when a building is fully occupied. It's often a more expensive and disruptive route than modernisation, which, simply put, means we give old, worn entrances a new lease of life.

Almost every commercial revolving door can be retrofitted from a manual to an automatic or vice versa. With our entrance modernisation packages, we can adapt existing installations of Tourniket or Crystal Tourniket revolving doors for improved accessibility, quality, and performance. Our packages include:

AUTOMATIC REVOLVING DOORS.

Manual or power-assisted operation to fully automatic.

Improved accessibility and performance combined with increased comfort for smooth, hands-free entry.

POWER-ASSISTED REVOLVING DOORS.

Automatic or manual operation to power-assisted.

A popular choice for increased safety, accessibility, and efficiency in buildings with a medium throughput.

MANUAL REVOLVING DOORS.

Automatic or power-assisted operation to manual.

Keep maintenance costs to a minimum while improving the energy efficiency and reliability of your entrance.

CURVED SLIDING DOORS.

Transform revolving doors into curved sliding doors.

Providing your entrance has a canopy, we can also upgrade revolving doors into curved sliding doors or the other way around. This is a popular choice for customers who want to improve throughput and accessibility.

For more information, please
contact your local entry
expert or visit our website:

[boonedam.co.uk
/modernisation](https://boonedam.co.uk/modernisation)



PROJECT SPOTLIGHT

LIBRARY OF BIRMINGHAM.

OVERVIEW.

The Library of Birmingham is the UK's largest and busiest public library. Located at the heart of the city's Palazzo's Centenary Square, the landmark structure serves as a popular tourist destination, learning centre, and cultural hub for the people of Birmingham. The BREEAM Excellent-rated building designed by Dutch architects, Mecanoo offers world-class facilities and resources including performance spaces, galleries, rooftop terraces and a striking glass-topped book rotunda that rises through the centre of the building.

CHALLENGE.

Each year the Library of Birmingham welcomes over 2 million visitors. After opening its doors in 2013, the library struggled with throughput and accessibility due to a higher footfall than initially anticipated. The unforeseen increase in traffic led to overcrowding in the door segments, triggering safety sensors and causing the door to stop rotating. Visitors were understandably frustrated with the door stopping unexpectedly and started to push it around manually. Over time, this impacted the operation of the door, leading to multiple breakdown call-outs and repairs.

The library was also experiencing issues with activation sensors at the main entrance due to its location on one of the busiest streets in Birmingham. Pedestrians passing the front of the building were triggering the activation sensors, causing the door to rotate unnecessarily. This was problematic because the building lost warm air every time someone walked past, creating an unwanted draught in the lobby.

SOLUTION.

Boon Edam was approached by the library's facilities management company, AirTech Optimise, to upgrade the revolving doors located on the ground floor and the third-floor terrace. The process involved removing the door wings while retaining the drum wall, installing curved sliding doors and upgrading the sensors to transform the existing Tourniket revolving doors into Circleslide curved sliding doors. The Circleslide is a far better solution for the library's needs because it can reliably support a high-throughput and provides greater accessibility for all visitors.





INCREASE **SAFETY** AND **SECURITY.**

The list of potential threats to businesses is significant in today's world, from protests and riots to cyberattacks and terrorism; demand for increased safety and security is at an all-time high. These new risks pose real threats, not just for short-term profitability but for business continuity itself.

If a company is found to have neglected to take reasonable precautions against such incidents, then it could be held liable for the resulting damages, leading to crippling liability judgements, loss of reputation, work interruptions, and even the removal of the leadership team.

BENEFITS OF A SAFE AND SECURE ENTRANCE.

- ✓ Improve reliability
- ✓ Increase user safety
- ✓ Detect and prevent unauthorised access
- ✓ Conform to the latest standards and regulations
- ✓ Reduce maintenance costs
- ✓ Enhance the user experience

PROTECT YOUR BUILDING.

Whether there is a physical threat occurring immediately outside your door or you require authorised access after-hours, our door safety and security upgrades allow for an added layer of protection. Ensuring your visitors feel welcome and secure - every day.

Our modernisation and upgrade solutions include:

- EN 16005 Safety Upgrade
- Lockdowns
- Night Sliding Doors
- Touchless Solutions
- Move or Relocate Security Turnstiles

For more information, please contact your local entry expert or visit our website:

boonedam.co.uk/modernisation



EN 16005 UPGRADE FOR SAFE ACCESS.

In April 2013, a new safety standard was introduced for all automatic doors, including sliding, swinging, and revolving doors. EN 16005 is a European standard that is the code of practice to ensure the safety of automatic doors for pedestrian use.

As of 2013, all doors manufactured by Boon Edam comply with EN 16005. However, doors installed before 2013 are likely to not be up to date or compliant with the latest regulations.

Although it is not a requirement for existing, older doors to comply with the new standard, it is highly recommended for enhanced user safety, reduced maintenance costs and improved energy efficiency.

WHY UPGRADE TO EN 16005?

- Increase pedestrian safety
- Futureproof your entrance investment
- Minimise disruption
- Reduce maintenance costs
- Obsolescence mitigation
- Comply with the latest European safety standards

DID YOU KNOW?

EU regulations state that to protect the safety of employees and the public, it is the building occupier's responsibility to ensure that equipment or machinery is routinely maintained in line with manufacturers recommendations.

WHATS INCLUDED?

The EN 16005 package is not just an upgrade; it is a full refurbishment of your existing door. Our technicians replace the existing drive system and control box and replace all electronic and mechanical components to ensure it is up to date, compliant and most importantly, safe to use.

The EN 16005 package may typically include:

- ✓ Safety Buffers
- ✓ Activation and Safety Sensors
- ✓ New Drive System
- ✓ Control System
- ✓ Latest Software Upgrade
- ✓ Contrasting and Safety Stickers

What safety measures apply to your entrance entirely depends on the age, condition, and application of your door. Our team can perform a general assessment of the condition, safety, and functionality of your entry and a tailored risk assessment for your building. We can then provide a package specific to your requirements.

For more information, please
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LOCKDOWNS FOR CONTROLLED ACCESS.

An emergency can arise at any time with little to no warning. But what if you could quickly secure your building at the touch of a button?

Lockdowns can be deployed in seconds to provide instant protection when a threat occurs outside your building. With the lockdown function, you can improve rapid response times in the event of an emergency by removing the need to manually lock your doors.

INSTANT LOCKDOWN

for instant protection against unwanted intruders.

Once the instant lockdown is triggered, the door grinds to a halt as the centre column locks to prevent the door from rotating. When the lockdown is activated, the door stops exactly where it is, and for the regular operation to resume, it must be manually released.

NIGHT LOCKDOWN

for secure, controlled access out of hours.

Night mode is activated via a card reader, another third-party access control system or a mounted push button. When an authorised user activates the door, it begins to rotate 180°, allowing the user to pass through. Once the authorised user enters/exits, the door returns to a locked rest position.

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NIGHT SLIDING DOORS FOR INCREASED PROTECTION.

Night Sliding Doors, also known as Night Locking Doors or Door Shields, are a great modernisation option for businesses looking to enhance security and increase protection against intruders.

Our technicians can easily install Night Sliding Doors to any Tourniket, Crystal Tourniket or Circleslide doors. The Night Sliding Doors are available as either framed or unframed and can be installed at any point during the lifecycle of your entrance.

Riots, terrorist attacks, and protests can all cause damage to your entrance system if things get out of hand. As tensions in the world increase, we urge our customers to look at alternative options for additional security.

For more information about Night Sliding Doors, please [contact us](#).





TOUCHLESS SOLUTIONS FOR SECURITY DOORS.

Automatic security doors and mantrap portals are popular investments for building owners. The door's full-height compartments are used to prevent tailgating and piggybacking while offering a high level of throughput. High-security doors allow organisations to control access while providing employees and guests with a safe and secure entry experience.

Our security doors integrate with third-party access control systems to provide a seamless entry process that mitigates unauthorised entry. With over 10 000 touchless security entrances already in service around the globe, we have the expertise to help you improve your physical security plan.

There are many ways in which we can upgrade your existing high-security door, including:

- StereoVision integration
- Sensor to contact mat changes
- Contact mat to sensor changes
- Tourniket to Tourlock 180/90 upgrades



All security door upgrades are compatible with the **Tourlock 180**, and **Tourlock 120**.

For more information, please
contact your local entry expert
or visit our website:

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ACCESS FOBS FOR TOUCHLESS ENTRY.

Keyless Fobs for Secure Access.

Access fobs are a quick and cost-effective solution for customers looking to enhance security, offer touchless entry and improve visitor management without the hassle of changing or integrating hardware into your unit. Whether it's a revolving door, security door, or bank of security lanes, we can provide remote access fobs for all Boon Edam products.



LIFELINE BOOST FOR SPEED GATES.

Easy Access Control Integration.

The Lifeline Boost is a hub for access control system configurations. Intelligent, intuitive and completely uniform in design, the Lifeline Boost pedestal seamlessly integrates third-party security systems within existing Lifeline Speedlane products. It is a popular choice for customers requiring additional security but are limited on space.



MOVE OR RELOCATE SPEED GATES.

Flexible Solution for Relocating Lanes.

Sometimes relocation is the only solution, but that doesn't mean that your Boon Edam investment can't follow you along the way. It is easier than you might think to pick up and move our products. We offer a relocation service for customers with speed gates, including the Lifeline Speedlane Series, Speedlane Compact, Winglock Swing and the Swinglane 900.



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DOOR CARE AND REFURBISHMENTS.

Entrances create the first impression of your building, so a poorly functioning or unappealing door is quite literally a barrier. All-day long, employees, visitors and stakeholders rely on entrance systems to smoothly navigate them through your building, and if they aren't in working order, it can leave a poor impression.

MAKE A GREAT FIRST IMPRESSION.

At Boon Edam, we understand the importance of giving visitors a comfortable and welcoming experience. So if your entrance is looking a little tired and worn, we offer many options to keep it looking as good as new.

Our services include:

- Door Brush Strips
- Entrance Matting
- Air Curtains

WHY IS DOOR CARE IMPORTANT?

- ✓ Lower maintenance costs
- ✓ Increase energy savings
- ✓ Minimise the risk of accidents
- ✓ Prevent draughts
- ✓ Create a great first impression
- ✓ Enhance the visitor experience

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HORSEHAIR BRUSH STRIPS FOR DRAUGHT PREVENTION.

One of the major reasons inside air and heat is lost through your entrance is the gaps between each segment of the door. Although it is impossible to avoid air loss altogether, we can install horsehair brush strips for all Boon Edam revolving door entrance systems to effectively close gaps and help you to protect your building against uncontrol air infiltration.

The natural fibre of a horsehair brush strip provides a better and more substantial seal than a common rubber seal and can improve air tightness by 30%. Our new, slim revolving door brush strips have a unique nylon, horsehair, and rubber interlayer for increased protection against heat loss, weathering, dirt, and noise.



ENTRANCE MATTING FOR REVOLVING DOORS.

Entrance matting can reduce the amount of dirt and moisture traipsed in and out of your building, helping to minimise the risk of visitors slipping or tripping during the wet winter months and protecting expensive interior floors from unwanted dirt and debris.

More than 70% of dirt and moisture in buildings is brought in by pedestrian and wheeled traffic, so reducing this allows you to lower maintenance costs, prevent unnecessary replacements and improve the overall appearance of your entrance.

Did you know? According to the Health & Safety Executive, 90% of slip accidents in public buildings occur on wet floors.





AIR CURTAINS FOR IMPROVED CLIMATE CONTROL.

Revolving doors are renowned for their draught prevention properties; however, they still let in a certain amount of cold air on each rotation, but with correctly installed air curtains, great energy savings can be achieved. Air curtains provide the most efficient separation with the lowest possible energy consumption, regardless of whether it is the heat or the cold that you want to keep inside.

Air curtains create a barrier of air over the revolving door, acting as an invisible barrier between the inside and the outside world. By essentially separating the two environments, it is easier to maintain heating and keep out the cold, and vice versa.

In addition to keeping out the fluctuating temperatures of the outside world, air curtains also help to prevent dust, insects, bad odours, and smoke from entering your building.

Our revolving doors come in different shapes and sizes, which is why we offer vertical and circular air curtains. Please contact a member of our Service Sales team to find out which air curtain is the best solution for your entrance system.



OmniVent I - Integrated Air Curtain



OmniVent V - Vertical Air Curtain



OmniVent C - Circular Air Curtain



CONTACT YOUR **LOCAL ENTRY EXPERT.**

EXPERT ADVICE LOCAL TO YOU.

Our experts will work with you to find the right solution for your project. If you have a Boon Edam product installed in your building and would like more information about the Modernisation and Upgrade options available to you, please contact us.



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boonedam.com/contact



@BoonEdamLtd

OUR REACH IS GLOBAL.

We have been in business for 150 years, manufacturing premium aesthetic and security entrance solutions in The Netherlands, the United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint and a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:
www.boonedam.co.uk/contact



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V1-2212


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