



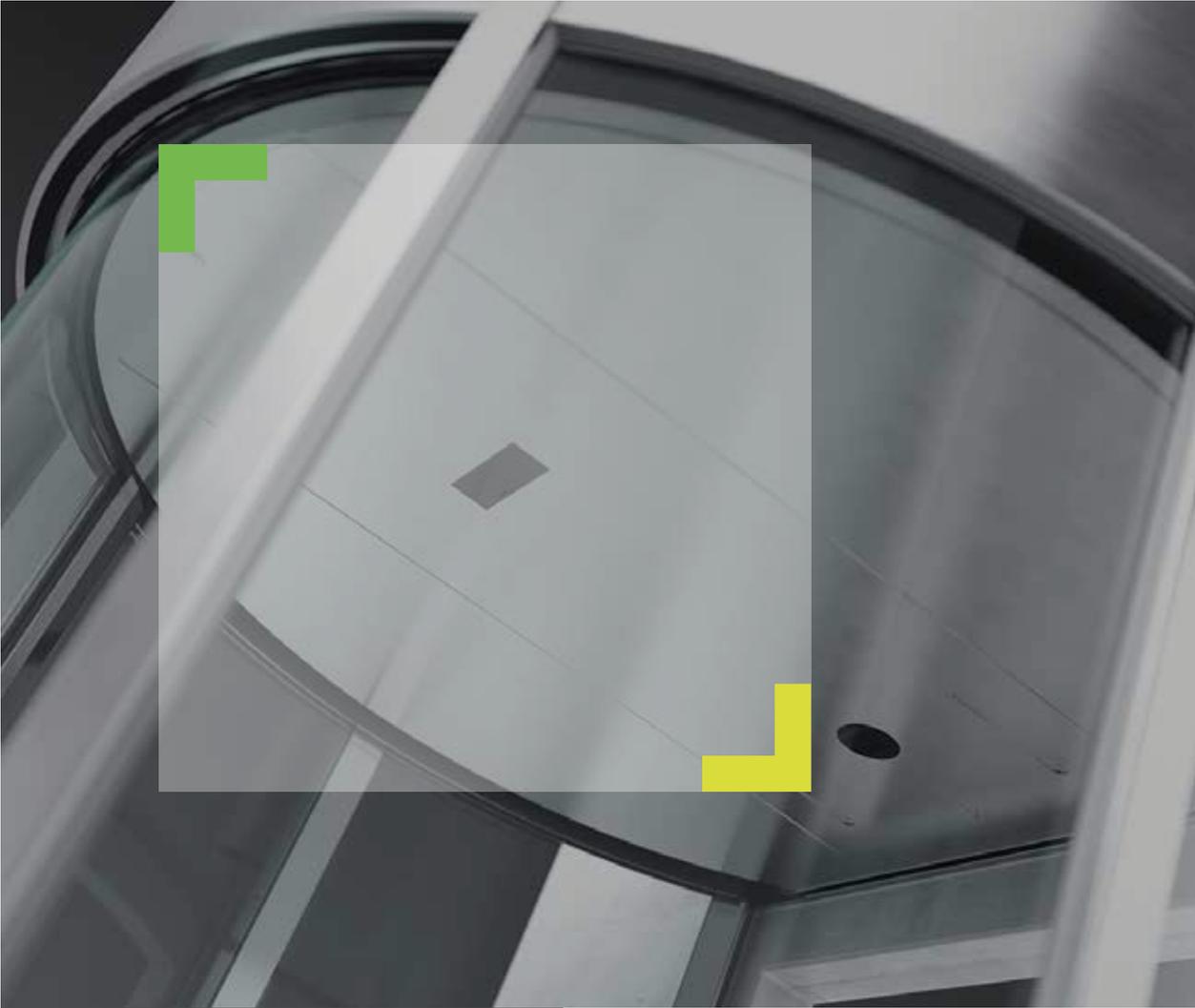
YOUR  
**ENTRY**  
EXPERTS.

## STEREOVISION.

---

### ADVANCED ANTI-PIGGYBACKING TECHNOLOGY

This technology is available as a 'Level Up' in security option on our Circlelock Combi or Solo portals, and our Tourlock 180 security revolving door. StereoVision is a proven technology that accurately detects and prevents piggybacking, or two users attempting to enter the door on one authorised credential. StereoVision combines optical and near-infrared sensor technologies for an exceptionally reliable solution that is not impaired by lighting or reflections.



## OVERVIEW

Piggybacking is a real threat in today's world because most doors or access control systems cannot prevent it from happening proactively. They can sound an alarm or record the event, but it is up to the security staff to respond quickly. StereoVision has been proven through rigorous testing to be extremely accurate, and when paired with a security revolving door or portal and access control system, can prevent unauthorised entry without the need for manned supervision.

## STAFF REDUCTION AND PREDICTABLE METRICS

StereoVision accurately and reliably prevents unauthorised entry. As a result, organisations have been able to reallocate or reduce security staff previously responsible for managing the entry. Frequently a security door with StereoVision can pay for itself in just a few years, with a continued reduction in expenses every year after. As a result of its constant data collection and configuration settings, StereoVision is capable of providing security managers with predictable metrics tied to asset protection, compliance and risk.

## HOW IT WORKS

StereoVision uses time-of-flight technology which is based on infrared light, to monitor the compartment of a security revolving door or portal. The technology is used to determine displacement and distance by measuring the time it takes light to travel from the instrumentation to an object and back. The system can accurately tell the difference between two people and one person holding a box or luggage to minimise false rejections. The near-infrared light sensor is not affected by sunlight or reflections, which eliminates any environmental impairment of the system at locations near the exterior of buildings.

A sensor sends out an infrared light pulse that reflects off the object and / or persons in the door segment. Using this reflected light which is captured by the sensor, a 3D image of the objects within is generated. Special software is used to analyse the events and settings of the sensor. These settings can be further fine-tuned to obtain even better and more accurate readings and results. A delicate balance is found between security level and throughput. Event data is utilised which gives proven and scientific proof and results in the most optimal results.

## KEY FEATURES

- ✓ Prevents piggybacking (two people attempting to enter the door at one time)
- ✓ Replaces traditional weight systems or contact mats
- ✓ Sunlight or reflections do not impair sensor technology
- ✓ Differentiates between two people and one person with an object
- ✓ Seamless integration with access control system
- ✓ Provides predictable metrics tied to compliance and risk
- ✓ Fully adjustable to suit the user's requirements

## KEY BENEFITS

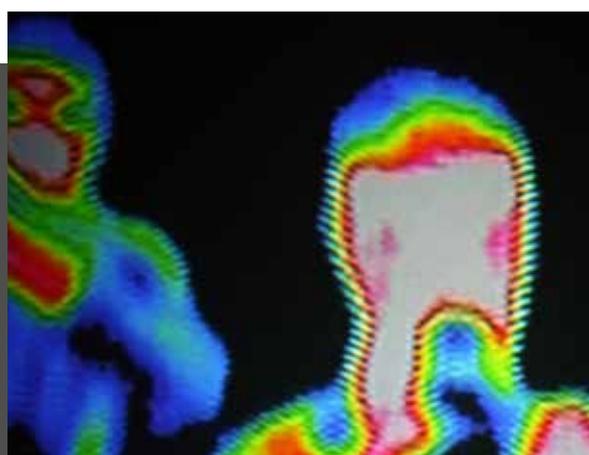
- ✓ Piggybacking prevention ensures only authorised users can enter
- ✓ Accurate for all users regardless of height or weight
- ✓ Reduced / eliminated guard salary allows for quick ROI
- ✓ Data collection allows for the accurate prediction of the risk of infiltration

## COMPATIBLE PRODUCTS

- ✓ Tourlock 180
- ✓ Circlelock Solo
- ✓ Circlelock Combi

## LEVEL UP OR UPGRADE – WE OFFER FLEXIBLE SOLUTIONS

Buildings are designed to last a lifetime; so are our entry solutions. However, entry requirements change as the way we work and live changes, as rules and regulations are updated and as technologies evolve. Our accessory products are the perfect way to upgrade or update your existing Boon Edam entrance solution. More information on retrofits and upgrades can be found by asking your entry expert consultant.



# OUR REACH IS **GLOBAL.**

---

We have been in business for more than 140 years manufacturing premium aesthetic and security entrance solutions in the Netherlands, 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 as well as a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:  
[www.boonedam.com/contact](http://www.boonedam.com/contact)