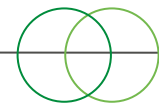


Orbit TriSens

In rhythm with life

Adaptive to every **movement**.
Naturally evolving with you.





Keeping *pace* with the *world* around you

Understanding the forces shaping your building's future.

The world around you is changing fast, and so are the demands on your building.

More people. Higher expectations for access.
The need to adapt in real time.

Sustainability, health, safety and technology are shaping every decision.

Your entrance is no longer just a way in or out. It's part of the living ecosystem that keeps your building in rhythm, performing and ready for whatever comes next.



Global macrotrends



Urbanisation



Inclusive Access



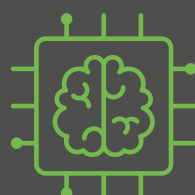
Flexibility



Frictionless Movement



Sustainability



AI & Smart Tech



Security Concerns



Health & Well-being



From **pressure** **points...**

Addressing the moments that matter.

Every building faces pressure points. What happens when you experience:

- A surge of arrivals?
- People with a disability?
- Large delivery?
- Elderly visitors?
- An unexpected evacuation?

How your entrance responds in these moments shapes everything.

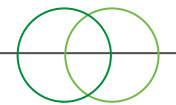
*...to seamless
movement.*

Moving in perfect rhythm.

When these moments of pressure are handled well, something powerful happens:

- People feel calmer,
- more confident and
- more in control.

And when people feel better, they move better. Spaces that support comfort, confidence and well-being don't just help people move better, it helps your whole organisation perform at its best.



The Orbit TriSens, inspired by nature's intelligence

Nature. The original source of rhythm and movement.

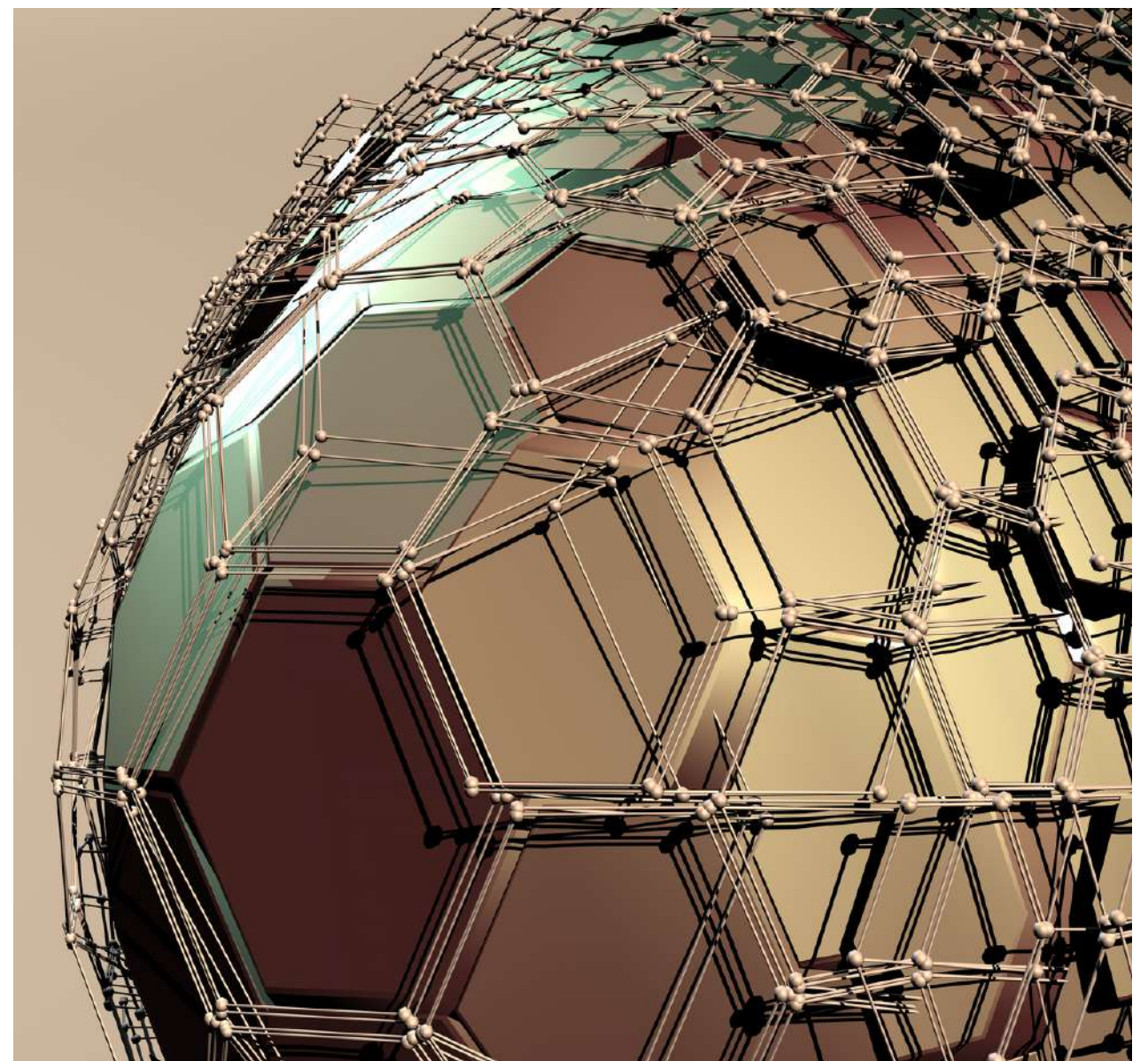
Like nature's intelligence, the **Orbit TriSens** moves with purpose.

It senses, guides, and protects, ensuring secure entry and a smooth, effortless flow in every building.

- **Responsive:** sensing and adjusting to people, patterns and business needs
- **Adaptive:** from peak crowds to quiet moments, from shifts to new demands
- **Evolving:** built to stay relevant for decades, not just years

At the heart of the Orbit TriSens is our patented three-wing concept - a breakthrough in entrance design.

Each wing is formed by two seamless sliding doors, creating generous space and intelligent adaptability within a single, iconic form. The result is a comfortable, high-capacity entrance that moves in rhythm with people - balancing safety, performance and design in one responsive solution.





“

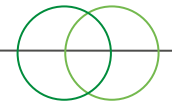
By focusing on uptime, adaptability and long-term value, we are helping buildings operate more efficiently, while delivering a consistent, welcoming and secure experience.

”

- **Gijs Bakker**, Chief Technical Officer,
Royal Boon Edam International

What happens when it's *busy*?

No congestion. No hesitation.



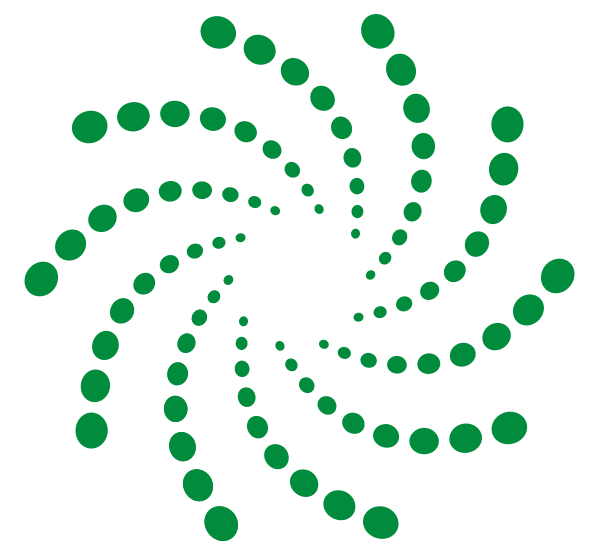
Unlike traditional entrances that create friction when traffic peaks, the Orbit TriSens effortlessly absorbs pressure. It rotates instinctively and glides smoothly when the rhythm changes, adapting seamlessly to the flow.

When pace surges, or users linger, its door wings subtly retract, creating space without breaking stride.

- No hard stops
- No entrapments
- Just an elegant adjustment that keeps everyone in sync

Always responding to the moment with instinctive intelligence.

No congestion. No hesitation.





*Designed for **people**, not just passage*

Movement for all. Without compromise.



The most flexible entrance on the market, its patented three-wing design conceals seamless sliding doors - unlocking multiple modes for every moment and every mover.

- Elderly
- Children
- Wheelchairs
- Deliveries
- Suitcases

Open when it matters most

Because when safety matters most, there's no room for second-guessing.

The Orbit TriSens ensures the way forward is always clear. Its intelligent wings can open wide in an instant, providing a full, intuitive exit without obstruction or delay.

- No confusion
- No crowding

Light, curved, spacious paths and open sightlines guide people instinctively, leading them out with confidence.



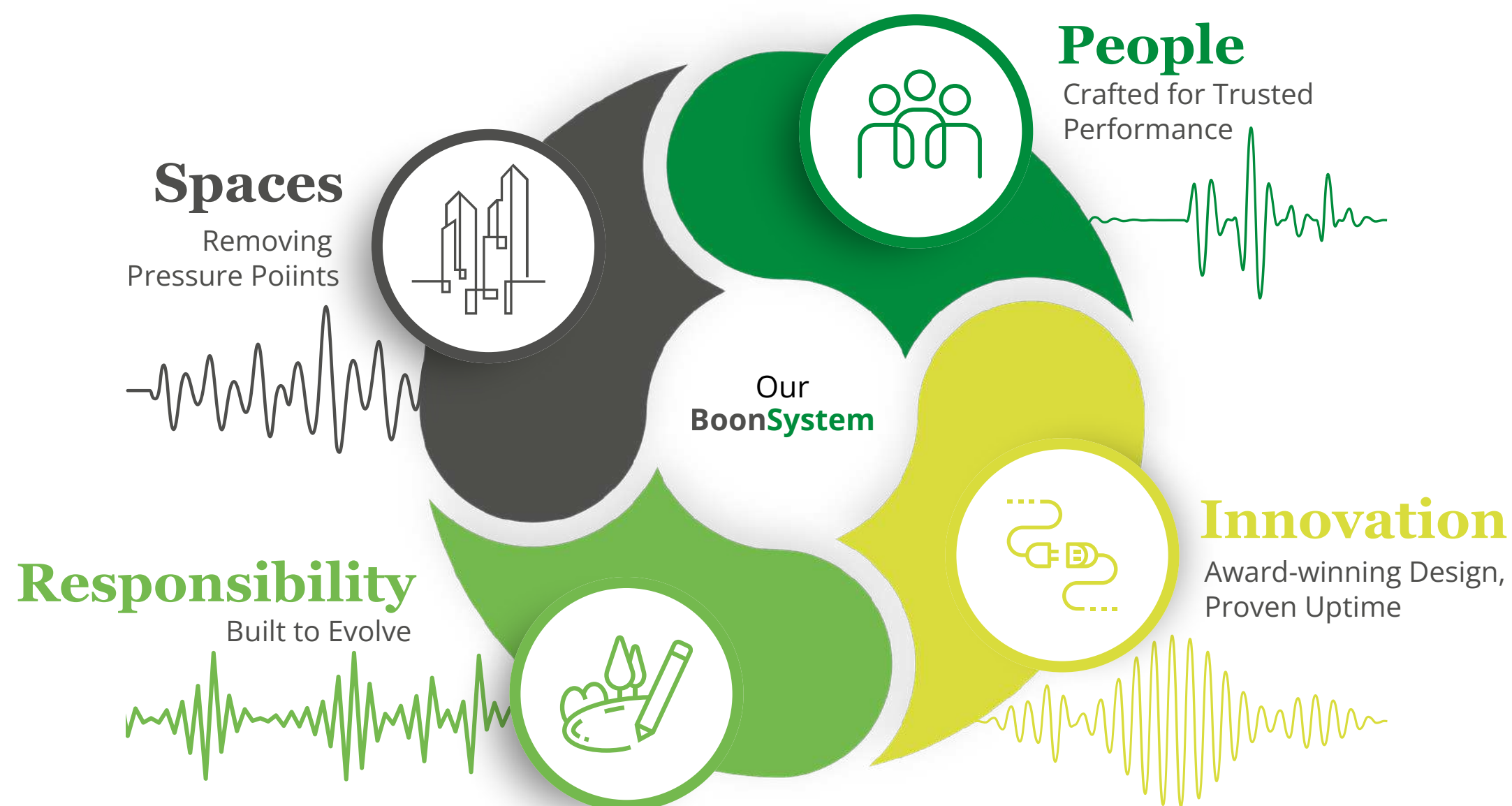
Our BoonSystem

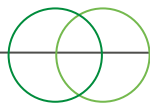
The pulse of a building

Every building has a pulse - an unseen rhythm powered by the movement of people, the circulation of air and the quiet intelligence of interconnected systems.

The Orbit TriSens is the first entrance shaped entirely by our ecosystem approach - the BoonSystem.

It marks a premium partnership built to keep your building performing for generations. Adaptive, reliable and built to evolve, the Orbit TriSens is a powerful example of this ecosystem in action. Our flagship solution, designed to keep your building in perfect rhythm.

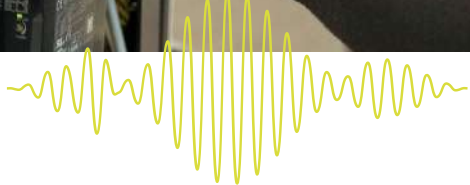




People

The Orbit TriSens is built on over a century of craftsmanship, precision engineering, and reliability, shaped by our people, partners, and the communities we serve.

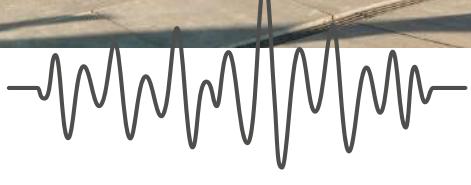
Designed for comfort, safety and seamless rhythm, ensuring effortless, secure movement.



Innovation

An adaptive system that senses, learns and reacts - rotating, sliding and guiding with instinctive clarity.

Every detail engineered for efficiency, reliability and uptime, setting new industry benchmarks and operational excellence.



Spaces

The Orbit TriSens adapts to every movement, user and situation, maintaining effortless flow and accessibility.

We take long-term accountability - reducing disruption, extending lifespan and lowering total cost of ownership.



Responsibility

Designed for longevity and environmental care - the Orbit TriSens is built to perform and adapt as your needs change

Advanced, long-life materials and intelligent retrofit options extend lifespan and compliance.

Intelligent entrances, evolving spaces



Project: Boon Edam headquarters
Country: The Netherlands
Segment: Office





Responsibility, in rhythm with life

Sustainability isn't a feature we add at the end. It's built into how we think, design, and create solutions that move in harmony with people and the built environment.

Our direction is clear:

- Designing solutions that reduce environmental impact through intelligent performance
- Supporting buildings that are energy-efficient, comfortable, and future-ready
- Choosing quality, longevity, and adaptability over short-term gains

Because when entrances perform better, buildings and the people inside them do too.

Built to last, designed to evolve

Longer product life is one of the most effective sustainability choices we can make.

The Orbit TriSens is built for longevity. Robust materials, precise manufacturing, and serviceable components enable maintenance and upgrades rather than replacement. This reduces waste, preserves resources, and protects your building investment.

Its modular design allows plug-and-play component replacement, enabling the entrance to evolve over time. Designed for longevity and flexibility, it supports people and the planet, long-term.

Intelligent *efficiency* in motion

Revolving doors are one of the most effective ways to reduce energy loss at an entrance. By separating inside from outside, they help maintain a stable indoor climate, even during peak traffic.

Always open, always closed.

- Less heat loss in winter
- Less cool air loss in summer
- Lower demand on HVAC systems
- Reduced energy use, every day

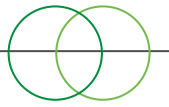
Intelligent sensors adjust door behaviour to user presence, speed, and safety needs - using only the minimal energy required. Smooth, responsive movement reduces unnecessary motion, wear, and power use, lowering impact while improving comfort and trust.



Environmental Product Declaration

The Orbit TriSens comes with a detailed Environmental Product Declaration that describes the environmental impact at each life cycle stage. Utilising the latest techniques in the manufacturing process, we reduced the impact in numerous places. Components are no longer bonded with adhesives but with clicking systems or tape. This way, the volatile emissions are reduced to a bare minimum, and the product can be dismantled and processed in reusable mono streams.





Expert service, reliable performance

As a Boon Edam entrance solution owner, you choose a partner committed to long-term performance - not just at installation, but throughout the full lifecycle.

Our AfterCare services keep entrances performing at their best through preventive maintenance, responsive repairs, and genuine spare parts. Delivered by skilled engineers, each solution remains reliable, secure, and efficient - day after day.

Our service goes beyond maintenance. It is about preventing disruption, protecting trust, and preserving performance - supporting the everyday experience of everyone who enters your building.

Your entrance is never standing alone; it's supported by a global service network, intelligent connectivity, and a shared commitment to keeping your building moving - smoothly, safely, and in rhythm with life.



*Let's keep your **building** in rhythm with life*

Every building's rhythm is unique.

Let's explore together how the Orbit TriSens and our BoonSystem can enhance yours.

We can start with a site visit, a Rhythm Analysis of your building or a live demonstration.

Collaboration is key. We'll partner with you to find the smartest way to keep your people moving and your building performing for years to come.



We help buildings stay *in **rhythm***

Since 1873, we have helped shape the rhythm of building ecosystems, delivering premium entrance and security access solutions trusted in some of the world’s most dynamic landmarks. Today, this legacy continues through our international network, with manufacturing in the Netherlands, the United States, and China, supported by local teams and partners across key markets.

Together with our trusted partners, we deliver solutions that create long-term value and true return on investment - combining proven expertise with local understanding to support every stage of a building’s life.

We co-create welcoming, intelligent, aesthetic and secure entrance solutions that adapt, respond and evolve - engineered for performance today and for the generations who will move through them tomorrow.



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