dormakaba

The Future of Access in View

Get to know the new MotionIQ intelligent door system now.

NEW

An intelligence that sets us apart

People walk through doors at different speeds. And because conventional door systems are always open for a set amount of time, energy consumption and wear and tear increase unnecessarily.

MotionIQ is the new intelligent door system that automatically adapts to individual movement patterns for greater efficiency and sustainability at lower cost.

Intelligent.
Sustainable.
Efficient.

MotionIQ is the door system that combines three great features.

Intelligent

MotionIQ determines the movement vector of people and calculates **the ideal opening point** and hold-open time. In addition to **improving the flow of people**, the risk of bumping into the door is also reduced.

Sustainable

The individual hold-open time can **save up to 50% energy*** and reduce CO_2 emissions. Additionally, fewer reopenings lead to a **longer service life** of the door, which increases sustainability.

Efficient

With MotionIQ, you can rely on **easy commissioning,** as no manual tuning of the sensor or drive are required. And because the system **adjusts automatically,** additional trips are also avoided.

dormakaba MotionIQ

Intelligent motion detection for automatic opening and closing of doors.

Advantages at a glance

- Significant energy savings
- Reduction of CO_2 emissions
- Timely opening, even for fast movement
- Easy installation and implementation
- Improved operational safety
- Extended life of the door system
- Simplified planning and maintenance
- No separate adjustment required
- Easy retrofit for ED 100 and ED 250 door systems

A system that always responds correctly

No matter which direction a person is moving, MotionIQ detects the differences.

Slow movement

Scenario:
A person wants to go through the door and approaches slowly.

Conventional System:
The door opens very early and stays open for a prolonged duration
to allow the person enough time to enter.

MotionIQ:
The door opens just in time and stays open only as long as necessary.

Fast movement

Scenario:

A person wants to go enter through the door and approaches quickly.

Conventional System:

The door opens in time, but remains open for a long time even though the person has already entered.

MotionIQ:

The door opens in time and stays open only as long as necessary.

No intention to pass through

Scenario:

Someone is taking their coffee break in front of the door, talking on the phone or to colleagues.

Conventional System:

Any movement in the detection range of the sensor triggers an opening impulse. This keeps the door open unnecessarily.

MotionIQ:

The door only opens when an intention to enter is detected – movements without an intention to pass through are ignored.

Progress
that transforms everything

MotionIQ is an in-house development by dormakaba that offers many advantages over conventional systems.

Conventional Systems	MotionIQ
Same timing for all movement patterns	Individual time control for all motion patterns
Separate settings of sensor and drive required	No separate settings required
High energy loss due to the unnecessary prolonged opening of doors	More energy efficiency due to optimum opening and hold-open time
If the settings do not correspond to the actual user behavior, there is a risk of injury	Since the timing is calculated individually, the risk of injury is significantly reduced
Additional costs due to later adjustment	No subsequent settings required
High wear due to frequent mechanical load	Longer service life due to lower mechanical load

Your path to efficient doors

Automatic doors can contribute to the energy efficiency of buildings by reducing the heat loss caused by the opening and closing of doors. The choice of the right automatic door for the respective area of application of the building is particularly important here. We support you with the Door Efficiency Calculator, which calculates the expected energy demand, annual heating costs and return on investment for different types of doors. This helps you decide on energy-efficient options and shows potential CO_2 savings. Contact us, we will find the right solution together.

Simply experience
smart advantages

Whether investor, building owner, operator or architect and planner – MotionIQ pays off for everyone.

Builders & Investors

Savings entirely in your interest
Opens doors just in time, saves energy and costs.

- Savings in heating and cooling energy
- Reduced operating risk
- Improved occupancy safety
- Longer service life due to fewer reopenings

Planners & Architects

The future of access in sight
Design for more ease in transit with less planning effort.

- Easier planning
- Symmetrical mounting in the centre of the door on the hinge side
- Area-wide detection instead of mechanical alignment of the detection area

Building Operators & Owner
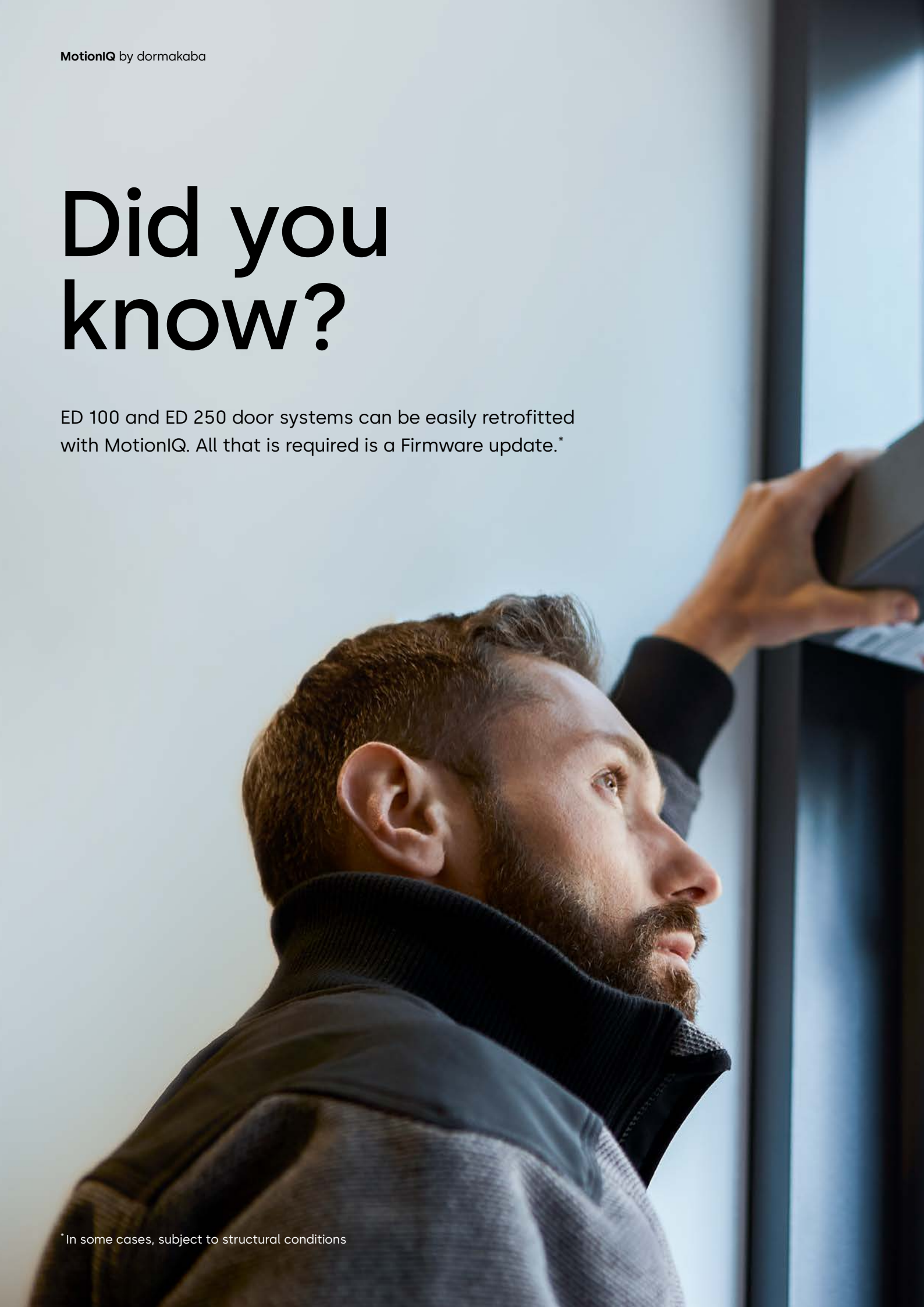
Simply thinking on service
Simply install, configure once, and enjoy the advantages of automatic adjustment.

- Reduced operational risk
- Improved flow of people
- Savings in heating and cooling energy
- Less maintenance and adjustment required

Did you know?

ED 100 and ED 250 door systems can be easily retrofitted with MotionIQ. All that is required is a Firmware update.*

*In some cases, subject to structural conditions

Rely on an intelligent and sustainable solution that looks to the future. We will be happy to advise you personally!

*Detailed information on calculating the potential energy savings can be found here. **www.dk.world/report-motionIQ***

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability

Our Offering

Access Automation Solutions

Entrance Automation
Entrance Security

Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems

Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems

Services

Technical Support
Installation and commissioning
Maintenance and Repair

dormakaba.com

dormakaba
International Holding AG
Hofwisenstrasse 24
CH-8153 Rümlang
T +41 44 818 90 11
info@dormakaba.com
dormakaba.com