Guardian EPN 2000 III E AUT

The automated panic touch bar

ECO SCHULTE ≣ SYSTEM TECHNOLOGY FOR THE DOOR

ECO

Easy to automate – even after the fact

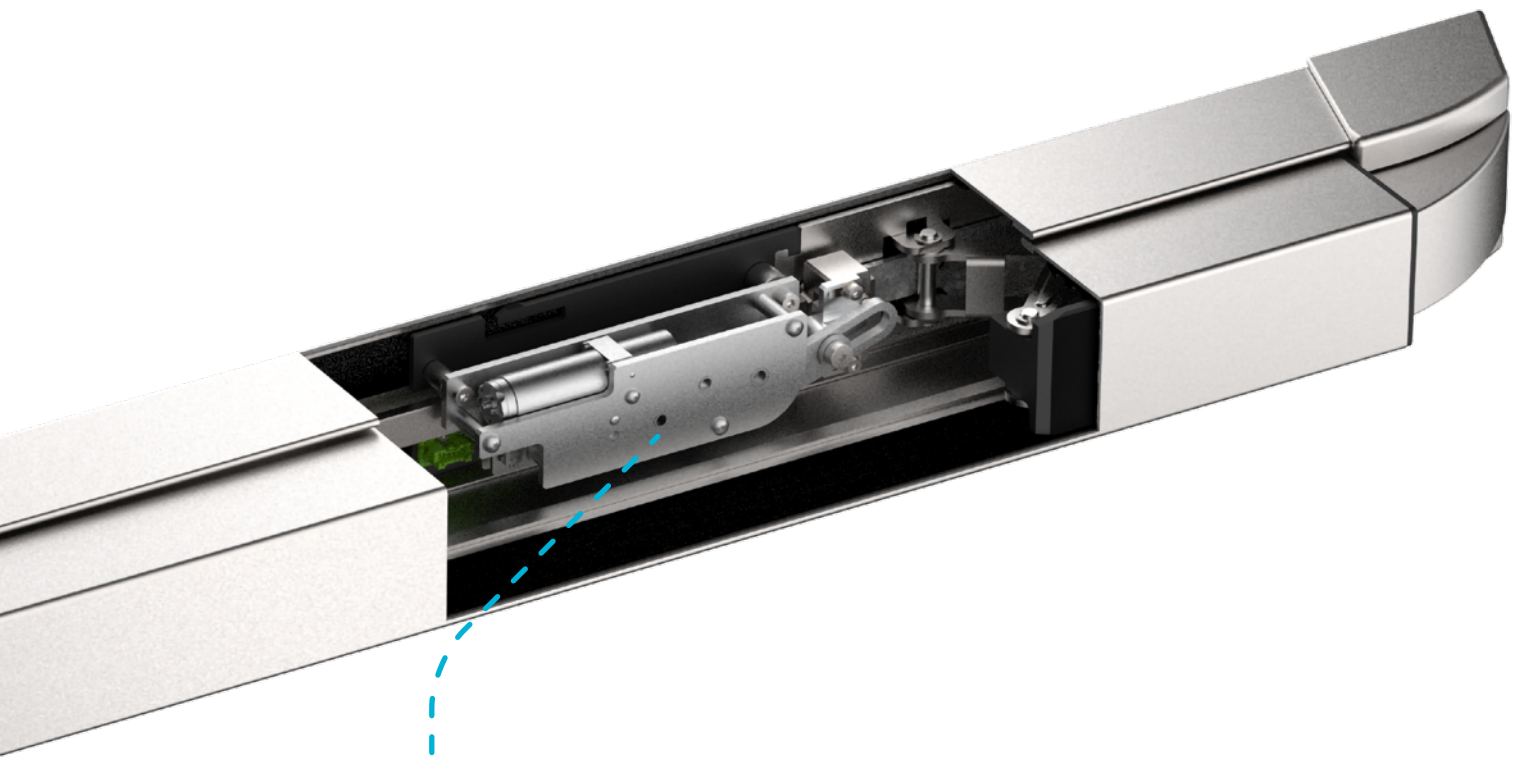
All the technology is integrated directly into the fitting – no additional power supply is required in the door.
An internal or external cable connection reliably supplies the EPN with power.

LED lighting

Optical display of operational status

Paramete

Controls can be p directly into the d additional tools



High-performance motor

Automates mechanical locks in the active or passive leaf with additional locking systems. The motor acts directly on the lock follower.

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Converting an existing door to an automated, barrier-free access and emergency exit door

Door requirements

In the context of changing building requirements, the existing 2-leaf door in the facade is assigned a new purpose. It is converted into an automated, accessible door that serves as an escape route and always has to be unlocked.

- Control indoors:
  via a radar or a flip switch
- Control outdoors:
  via a reader unit in the access control system

Challenges

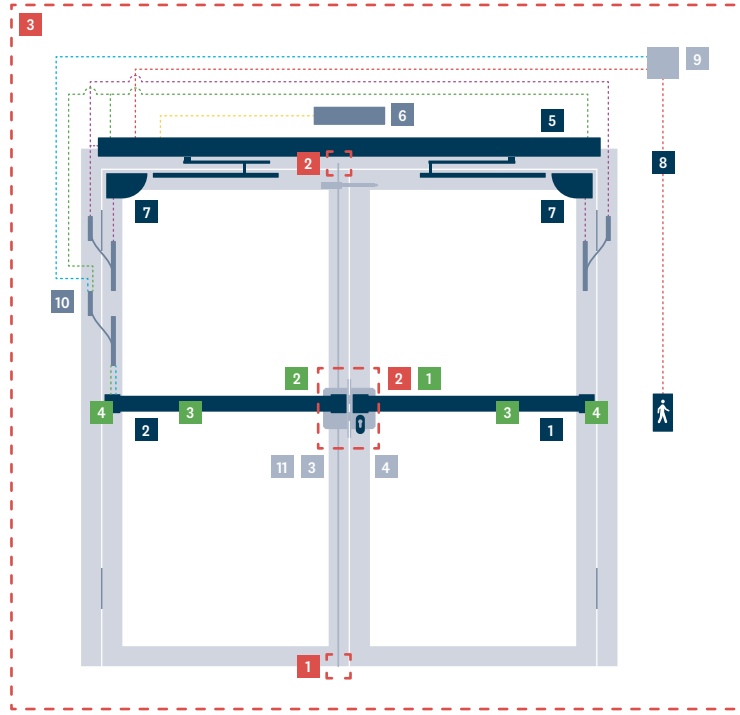
1. The top and bottom locking system in the passive leaf cannot simply be released for the motorised opening process.
2. Using a motorised lock or motorised panic counter-lock is technologically complex.
3. Retrofitting involves extensive work on the facade.

Problems without EPN 2000 III E AUT

- Preparations are required for incorporating a motorised lock or motorised panic counter-lock.
- Cables will need to be properly routed through the door leaf.
- Holes of the correct size must be drilled for the lock case – if this is even possible.

Features

1	EPN 2000 III mechanical (active leaf)
2	EPN 2000 III E AUT (passive leaf)
3	GBS 97 (active leaf)
4	GBS 98 (passive leaf), plus accessories
5	ETS 73 SRI
6	Radar movement detector
7	Flatscan (active and passive leaf)
8	Flip switch
9	Power supply unit/terminal box
10	Optional: external cable connection for EPN
11	Optional: bolt switch contact in panic counter lock



Solution with EPN 2000 III E AUT

1. **Economical:** The mechanical components of the lock remain in place.
2. **Implementation:** The Guardian EPN 2000 III E AUT system retracts the locking bars in the passive leaf. It acts on the lock follower and releases the passive leaf and active leaf.
3. **Safe:** The panic closure system ensures that it is possible to exit the building safely. In combination with an automatically locking panic lock, it secures the door against unauthorised access.
4. **Easy to install:** The cable is routed along the door in the handle and does not need to be laid in the door or on the lock side, making installation much more convenient.

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Converting an existing door to an automated SHE door

Door requirements

The door in the stairwell of a building needs to be used as an automated smoke and heat extraction door (SHE) in an emergency. It must be securely closed and locked in accordance with actuarial standards. If the door is subject to SHE requirements, it should open automatically to allow air to flow in.

Challenges

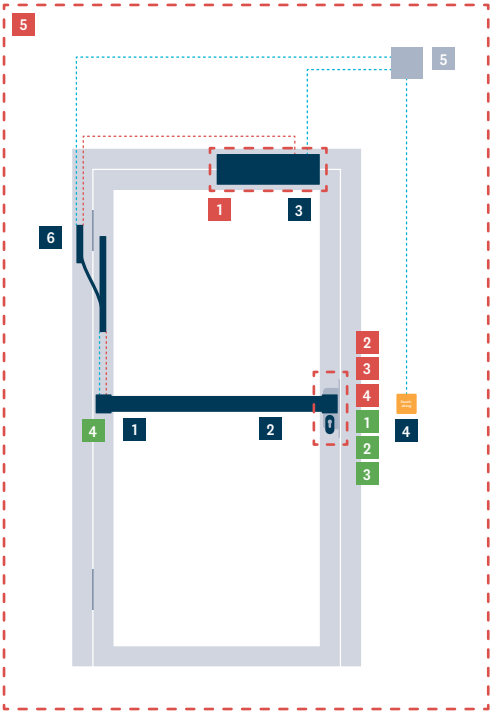
1. The door opens via the FTA ECO-Vent II.
2. The door must close securely, and the dead bolt must always remain extended.
3. An electric door opener can only unlock the latch bolt.
4. Using a motorised lock is complex.
5. Retrofitting involves extensive work on the facade.

Problems without EPN 2000 III E AUT

- Preparations are required for incorporating a motorised lock or motorised panic counter-lock.
- Cables will need to be properly routed through the door leaf.
- Holes of the correct size must be drilled for the lock case – if this is even possible.

Features

1	EPN 2000 III E AUT
2	GBS 96 AVP
3	FTA ECO-Vent II
4	SHE button (in building)
5	External power supply unit/control
6	Cable connection



Solution with EPN 2000 III E AUT

1. **Implementation:** The Guardian EPN 2000 III E AUT system allows the latch bolt and dead bolt to be released via the panic lock. The SHE opening is provided by the FTA ECO-Vent II.
2. **Economical:** The SHE solution is economical, as the mechanical components of the lock remain in place.
3. **Secure:** The automatic locking system (AVP) ensures that the dead bolt is always extended. It is always possible to exit the building safely.
4. **Option:** An external cable connection for the EPN 2000 III E AUT is available as an option.

Reliable and attractive – mechanical and electronic.

The new ECO Guardian EPN 2000 III truly stands out – thanks to its unique design and streamlined dimensions, as well as its innovative technology.
Its slim construction and sleek design also have aesthetic benefits, as they do not disrupt the overall look of the door, particularly in spaces with a high standard of interior design.

Benefits at a glance

Flexible planning

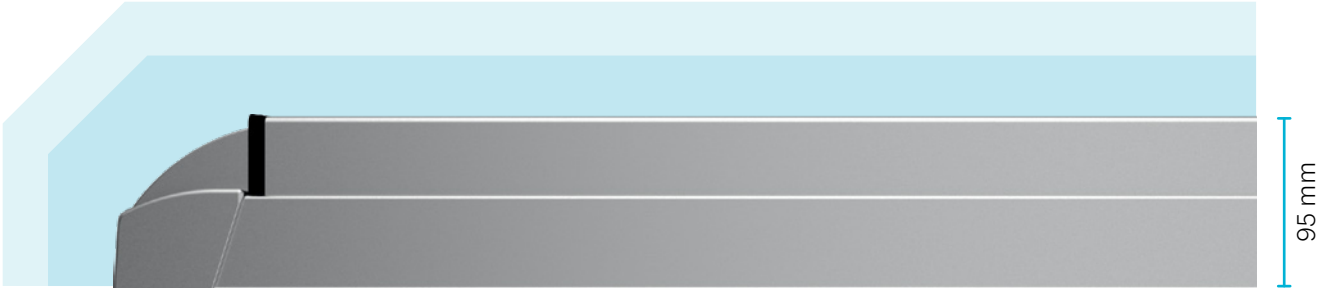
- No motorised lock, no E-opener
- No expensive, time-consuming renovations of frame or door leaf required
- Suitable for retrofitting and new installation
- Closure system in accordance with EN 1125:
  - Safe exit from the building is guaranteed at all times
  - Can be used with all tested mechanical lock combinations
- A simple solution for complex door requirements: Automation, access control, safety requirements
- Saves money and time in preliminary setup, planning and installation

Flexible implementation

- Only one version for both the active and passive leaf
- Rotation angle can be changed after the fact
- Tested up to ES 3 standard
- Adjustable hold-open time
- LEDs integrated in the hoods display the operational status
- Can be customised with wide range of fitting solutions

Low height

The height of the ECO Guardian EPN 2000 III is significantly lower than that of many comparable touch bars, allowing for the creation of wider escape routes in the property.



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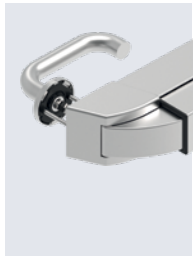
Guardian EPN 2000 III E AUT F

Performance criteria

Actuation type	Touch bar, suitable for use with tested and approved locks in accordance with EN 1125
Features	▪ High-torque motor ▪ LEDs to display operational status ▪ Optional surface-mounted cable connection ▪ Optional latch monitoring
Fixing axis	Customisable from 640 to 1,450 mm

Tested and approved for use with smoke control doors, fire doors and emergency exit doors[1]	F
Tested according to	EN 1125 EN 1634-1
Material	ER
Door types	

Counter fittings[2]



Round rose

Oval rose

Short plate

Security short plate

Security long plate

Security tubular frame

1. The additional PowerReserve module must be used for fire doors.
2. Also security fittings up to ES 3 standard

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Find out more
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