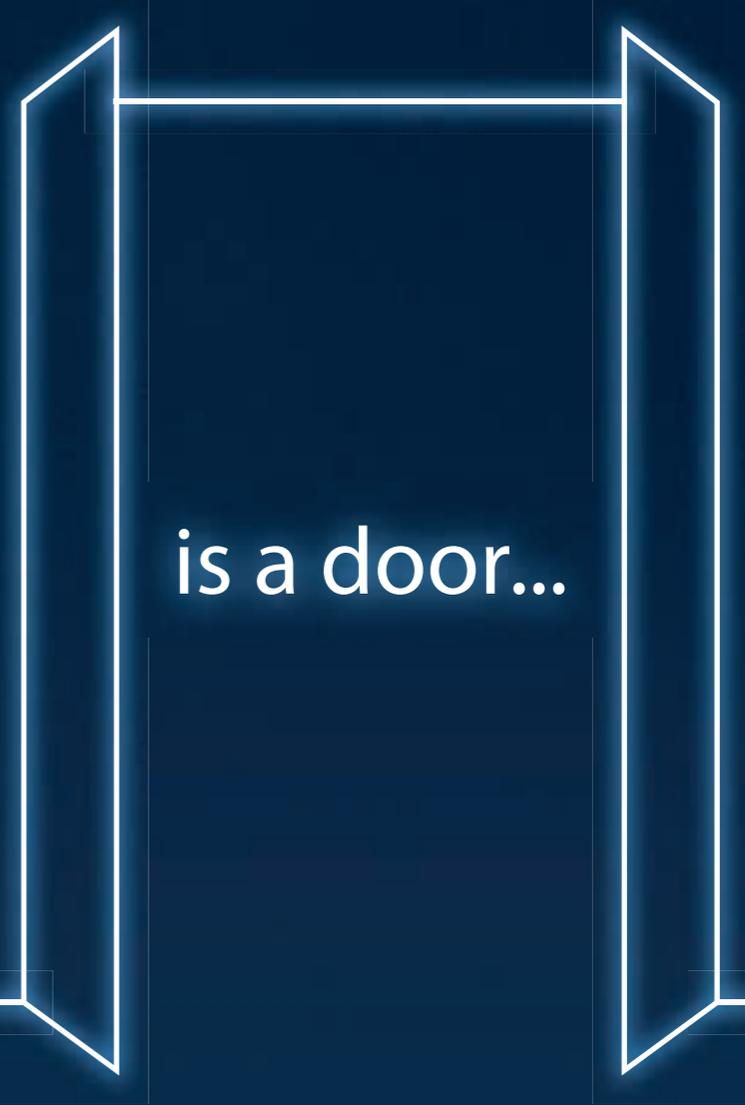




A glowing white line starts from the left edge of the frame, extends horizontally, then turns vertically upwards to form the left side of a door-like shape. The top of this shape is a trapezoid, suggesting an open door. The line then extends horizontally to the right, then turns vertically downwards to form the right side of the door shape. Finally, the line extends horizontally to the right edge of the frame. The text "a door..." is centered within the rectangular area defined by the door shape.

a door...

A glowing blue door with a white outline, set against a dark blue background. The door is slightly ajar, and the text "is a door..." is written in white inside the door's frame. A horizontal line of light blue glow extends from the left side of the door across the bottom of the image.

is a door...

A glowing blue door is depicted on a dark blue background. The door is slightly ajar, revealing a dark interior. The text "is a door..." is written in a white, sans-serif font on the right side of the door's frame. The door's outline and the text are highlighted with a bright blue glow. A horizontal line of the same glow extends from the left side of the door across the bottom of the image.

is a door...

no more!



# TOO SMART TO BE A DOOR.

**GEZE COCKPIT** – the first smart door, window and safety system.

---

ALMOST EVERY DOOR HAS HINGES. OURS HAVE A VISION AS WELL.

# PUTTING THE “SMART” IN SMART BUILDINGS.



## IT IS THE SMART BUILDING INNOVATION OF THE YEAR.

GEZE Cockpit closes the gaps in your building automation with the first smart door, window and safety system. The unique networking of door and window technology with smart software and open interfaces offers planners and operators new options for building automation. For more efficiency, security, and convenience. For dynamic safety and fire protection concepts. For intelligent smoke and heat extraction, and for targeted escape route release. For modular automation and more opportunities.

SIMPLY THOUGHT THROUGH

# SMART, SMARTER – GEZE COCKPIT.

Heating, lighting, ventilation, and climate control systems – all of them are great and useful. But smart buildings really only become “smart” (completely safe and efficient) when doors and windows are also automated and integrated into the building system.

GEZE Cockpit uses the open BACnet standard to intelligently integrate door, window and safety technology into building management systems. It can be used as an independent building automation system (stand-alone solution) or be integrated into a higher-ranking building system.

Data exchange between GEZE Cockpit and the drive technology or safety systems is carried out via the IO 420 interface module. No matter whether you use a PC, tablet, or smartphone: the applications for GEZE Cockpit are browser-based and can therefore be operated on every IP competent terminal.

**BUILDING MANAGEMENT WITH GEZE COCKPIT:  
THAT’S WHAT WE THINK OF AS A SMART BUILDING AT GEZE.**



# THE SMARTER THE NETWORKING, THE BIGGER THE BENEFITS.

Whether it's used in airports, hospitals, exhibition halls, administrative buildings, shopping centres, or safety-relevant research facilities: GEZE Cockpit offers you the right blend of safety and convenience functions for intelligent visualisation, transparent monitoring, and efficient control of networked building automation. Our forward-thinking technology guarantees a safe investment for you, whether you are planning building automation, completing technical implementation, or safely and efficiently operating your building.



## SMART PLANNING

GEZE Cockpit simplifies the integration of door, window and safety technology for you as planners and specialists in technical building equipment. More functions for building automation can be included. Standardised networking components and customised project support from GEZE provide planning reliability. GEZE Cockpit is highly appealing to manufacturers of building management systems and system integrators.



## SMART BUILDING

Seamless and interdisciplinary: the open BACnet communication protocol makes it possible. It offers plug & play components allowing you to quickly connect devices and products. You can therefore act independent from product groups. Fast integration into communication is guaranteed and you get the flexibility you need, even in case of short term changes in planning.

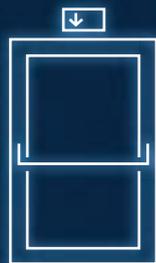


## SMART OPERATIONS

Cost efficiency with increased safety? Yes! With GEZE Cockpit, you as building operators can save money while increasing safety! Conveniently control and securely monitor the status of doors, windows, smoke and heat extraction, and emergency exit systems anywhere and at any time, from any IP capable device.

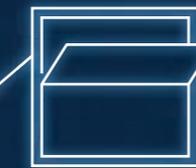
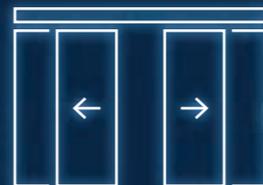
# SMART SYSTEMS THINK AHEAD.

Automated emergency exit doors, burglar-resistant automatic sliding doors, smoke and heat extraction systems, fire protection doors with hold-open systems, and much more. With multifunctional GEZE Cockpit, your new building management system can handle more than you think.

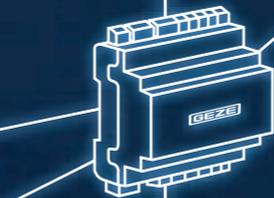


Automated emergency exits with emergency exit systems

Automated sliding doors with improved burglar resistance



Smoke and heat extraction systems



Fire protection doors with hold-open systems

## SMART INTEGRATION

Open BACnet Standard – where GEZE Cockpit links up.

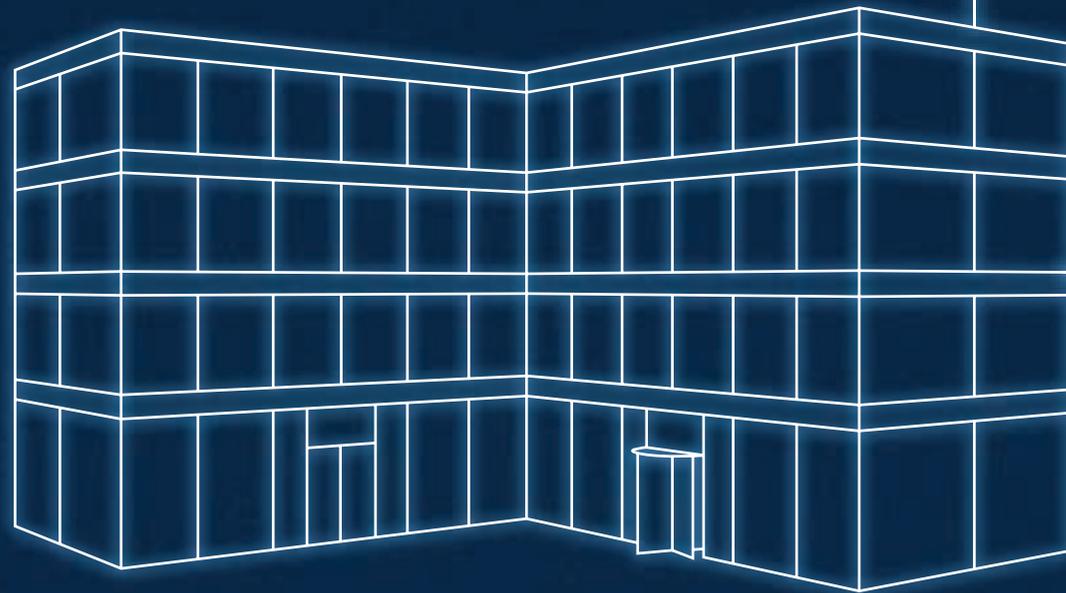
Up to 62 products can be connected to every GEZE Cockpit. The complete “intelligence” of these products is integrated into the building network through the BACnet communication standard. Across product groups and independent of their manufacturer. Open data exchange allows for truly “intelligent” operation of doors and windows via software control. Examples of this include automatically setting the opening widths of doors based on the external temperature in conjunction with temperature sensors and heating systems, or opening and closing windows in response to the temperature.



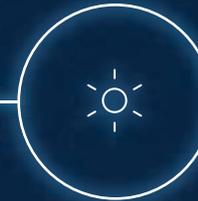
GEZE Cockpit works with the open BACnet communication standard in accordance with the ISO 16484-5 norm.

## EXAMPLE APPLICATION SCENARIOS

# AUTOMATICALLY FIND THE RIGHT SOLUTION.



Reacting in a smart way means predicting scenarios and completing tasks automatically.  
Example application scenarios demonstrate the power of the GEZE Cockpit in different situations.



### OPERATION IN DAYTIME MODE

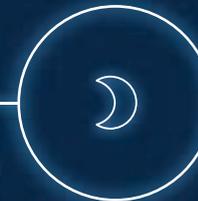
Barrier-free automatic doors on a completely normal day: not too hot, and not too cold. Entrances and exits open and close automatically providing access for all.

#### BENEFITS FOR THE OPERATOR

- + Fire protection
- + Ease of use
- + Time savings
- + Comfort
- + Cost reduction

#### BENEFITS FOR THE USER

- + Free access
- + Comfort
- + Safety



### OPERATION IN NIGHT-TIME MODE

Useful both day and night: an ingenious locking system locks and monitors the building while protecting against burglary.

#### BENEFITS FOR THE OPERATOR

- + Security
- + Time savings
- + Comfort
- + Cost reduction
- + Ease of use

#### BENEFITS FOR THE USER

- + Safety

## SAFE, COMFORTABLE, EFFICIENT



### OPERATION IN WINTER MODE

Feel good in spite of the winter cold: temperature control in entrance areas – most of the warm air stays in the building.

#### BENEFITS FOR THE OPERATOR

- + Sustainability
- + Ease of use
- + Time savings
- + Comfort

#### BENEFITS FOR THE USER

- + Temperature control
- + Comfort
- + Cost reduction



### OPERATION IN SUMMER MODE

The hotter the summer, the smarter the ventilation – stale air is discharged, and fresh air is fed in.

#### BENEFITS FOR THE OPERATOR

- + Energy efficiency
- + Sustainability
- + Cost reduction
- + Ease of use
- + Time savings

#### BENEFITS FOR THE USER

- + Temperature control
- + Optimum air quality
- + Concentrated work
- + Comfort



### OPERATION IN WIND MODE

When it's stormy weather outside, the wind sensor technology determines whether the windows should automatically close. Ventilation is maintained.

#### BENEFITS FOR THE OPERATOR

- + Façade protection
- + Safety
- + Ease of use
- + Time savings
- + Comfort

#### BENEFITS FOR THE USER

- + Safety
- + Ventilate based on availability
- + Smoke removal independent of wind
- + Concentrated work
- + Comfort



### OPERATION IN RAIN MODE

Whether it's drizzling or pouring: windows are closed automatically above a defined rain intensity level, measured by rain sensor technology.

#### BENEFITS FOR THE OPERATOR

- + Safety
- + Ease of use
- + Time savings
- + Comfort

#### BENEFITS FOR THE USER

- + Optimum air quality
- + Damage-free control
- + Comfort



### OPERATION IN CASE OF A FIRE

In the case of fire: automatic release of escape routes, opening of escape doors, and clearing of emergency exit routes.

#### BENEFITS FOR THE OPERATOR

- + Safety
- + Fire protection
- + Quick reaction
- + Monitoring

#### BENEFITS FOR THE USER

- + Safety
- + Controlled crowd guidance
- + Monitoring smoke and heat extraction

# YOUR BUILDING. YOUR SOLUTION. YOUR COCKPIT.

We don't think in terms of individual products, but rather in terms of overall solutions - just like you. That's why there's not just one GEZE Cockpit. Whether GEZE Cockpit BASIC or the applications GEZE Cockpit VISU and VISU+, whether as an integrated component of an interdisciplinary building management system or as a stand-alone building automation system: smart building solutions by GEZE offer maximum flexibility and customised design. Along with reliable GEZE Cockpit hardware, they provide a large number of comprehensive system benefits.

- + Highly future-proof and a safe investment thanks to open communication standards
- + Encrypted data transmissions and regular updates for maximum safety

- + Simple integration and flexibility
- + Scalable using a client-capable system
- + Operator comfort thanks to user-friendly interfaces and browser-based activation

## GEZE COCKPIT SERVICE PACKAGE.

No matter which software configuration you choose, your customised GEZE Cockpit solution will include an extensive package of services related to commissioning and installation.

### NEEDS ANALYSIS

- + Determine individual needs depending on your applications

### PLANNING

- + Project planning for your GEZE Cockpit solution
- + Preparation of all necessary documents (cable and wiring diagrams, EDE files, etc.)
- + Configuration of necessary components

### INSTALLATION

- + Connection of components and hardware
- + Product networking
- + Connection to your building management system

### COMMISSIONING

- + Configuration of GEZE Cockpit
- + Customisation of your user interface
- + Ensuring proper operation

### TRAINING

- + Initial training on operations
- + Instructions for independent modifications

### OPERATION AND MAINTENANCE

- + Maintenance and updates of hardware and software components from a single source
- + Ongoing optimisations in building operation

# GEZE COCKPIT AND ITS COMPONENTS.

Your smart building solution is composed of hardware components, various software packages, and additional service packages.



## GEZE COCKPIT HARDWARE

- + ARM based Embedded Linux System for top hat rail mounting
- + BACnet Building Controller (BBC)
- + Always includes BASIC software license

“Integrated version”

## VISU

GEZE Cockpit VISU offers building automation as a stand-alone solution.

- + Application for operation and visualisation of GEZE automatic door, window and safety technology
- + View and change statuses and modes of operation any time and from anywhere

“Stand-alone-Version”

## BASIC

The BASIC version can be integrated into a higher-ranking building automation system.

- + Extensive configuration software, including device configuration, user administration, etc.
- + Data points are integrated into interdisciplinary building management systems through BACnet IP
- + Visualisation through the higher-ranking system

## VISU+

GEZE Cockpit VISU+ offers building automation as a stand-alone solution with expanded functionality

- + Application for operation and visualisation of GEZE automatic door, window and safety technology
- + View and change statuses and modes of operation any time and from anywhere
- + In addition, alarms, monitoring, and the notification service can be configured via e-mail
- + Valuable information for efficient building operation can also be gleaned from the data generated

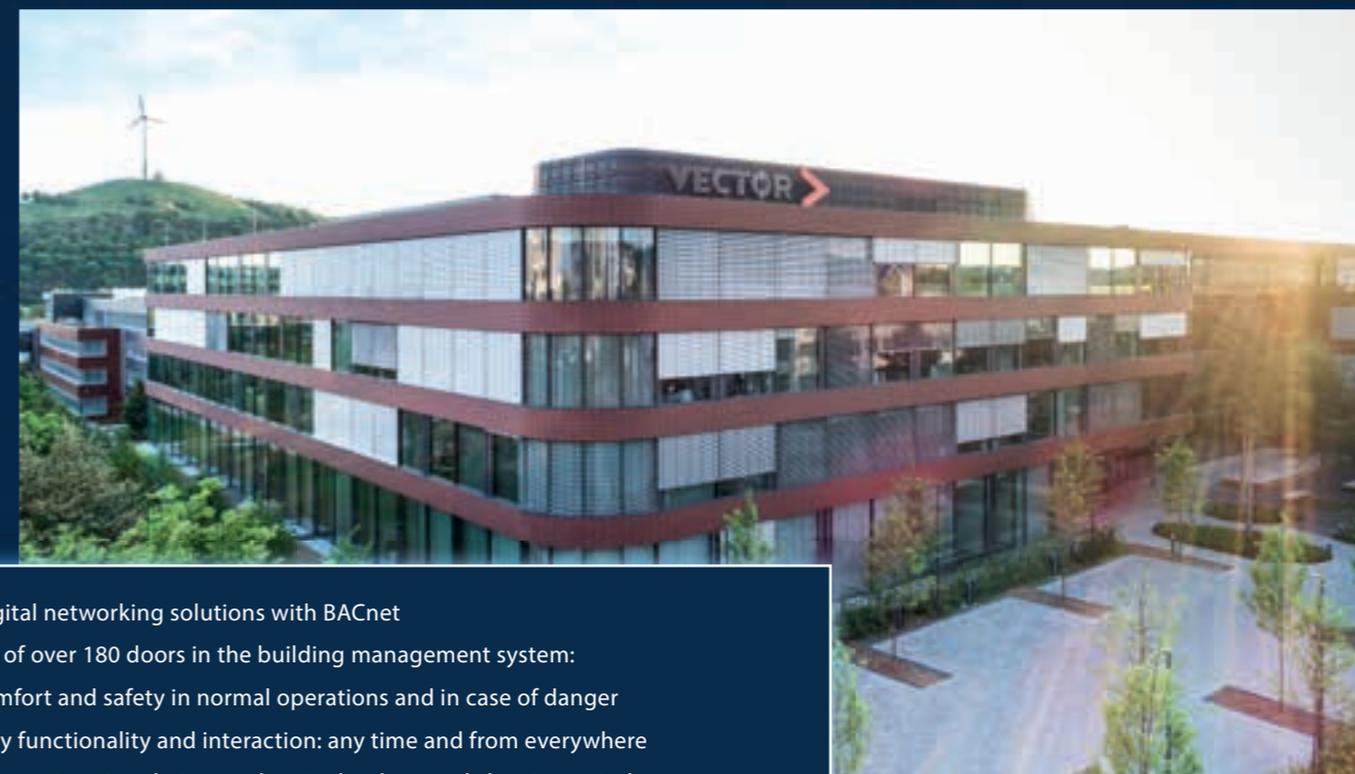
# TOO GOOD TO BE TRUE.

Too good to be true? GEZE Cockpit is already being used successfully – in applications ranging from one of Germany’s most modern wind tunnels to the company headquarters of an IT specialist – and, of course, by GEZE itself. The number of completed projects grows month by month. However, cooperative projects and planning collaborations with other building management system manufacturers are just as exciting. This is how we will advance the future of smart buildings together – and open up even more opportunities for you.



## REFERENCE – VECTOR IT CAMPUS

Intelligent building control in the new Vector company headquarters.  
GEZE solutions create significant advantages in planning and operation.



- + Customised digital networking solutions with BACnet
- + Central control of over 180 doors in the building management system:  
even better comfort and safety in normal operations and in case of danger
- + Interdisciplinary functionality and interaction: any time and from everywhere
- + Energy efficiency: interaction between door technology and climate control

# START YOUR COCKPIT.



Even experienced specialists in building automation currently see doors and windows as essentially passive objects. GEZE is working to change that. This is why we're using the expertise and knowledge of our networking specialists to support anyone interested in smart buildings.

With our support and consulting services, we don't just help you achieve your own customised building management system, we also provide reliable planning security and help you reduce costs and time commitments in your everyday work.

**OUR CUSTOMISED GEZE COCKPIT SERVICE PACKAGES RELATED TO THE SMART BUILDING INNOVATION OF 2017 INCLUDE:**

- + Configuration of the new IO 420 interface module
- + Configuration of GEZE Cockpit
- + Planning and project management
- + Technical reviews
- + Installation, commissioning
- + Support and maintenance of network components/software
- + Training

**CONTACT US NOW TO DISCUSS YOUR PILOT PROJECT**

Contact our networking specialists and start your GEZE Cockpit today.



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