



GEZE GmbH | Corporate Communications

Press kit

LEONBERG, 14 JANUARY 2019

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GEZE at BAU trade fair Munich | 14 - 19 January 2019 Hall B1 | Stand 538-539

At BAU 2019, we will be displaying systems and solutions which support our customers and partners in all stages of the building life cycle. Our way is **Connecting expertise – building solutions.**

In the following you will find press releases about our new products and trade fair highlights. We will be happy to send you the corresponding photos. Just send us a short message.

— Building automation

GEZE Cockpit building automation system

Networking with the first smart door, window and safety technology system

— Automatic door systems

ECdrive sliding door system with thermally separated profiles

Designer energy-saving doors ensuring a maximum 'perspective'

— Door Technology

TS 5000 SoftClose door closer

Quiet, powerful and barrier-free in any environment

OVERVIEW TRADE FAIR PRESENTATION

14.01.2019

— Cont.: Door technology

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Wireless extension for hold-open systems

The FA GC 170 wireless extension kit

- **Reference report wireless hold-open system**

The GEZE fire protection solution with wireless hold-open systems in a historical building

RSZ7 smoke switch control unit with telescope function

The solution even for unfavourable structural conditions

Manual sliding wall systems (MSW)

Convenient and easy operation with the new locking concept MSW Comfort

— Window technology

Window drives: the new Slimdrive generation

Complete ventilation even at 230 volts

— Safety technology

Self-locking panic locks

IQ locks: The advantages of the new integrated motor lock control

— Service Solutions

Building Information Modeling (BIM)

Complete door planning now even easier

Further information:

<https://bau.geze.com/en/>



OVERVIEW TRADE FAIR PRESENTATION

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GEZE – ABOUT US

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Since 1863 we have been a successful, global family business offering products, system solutions and services for doors and windows.

We network everyone involved in all phases of the building life cycle and achieve outstanding results that make buildings worth living in with our specialist knowledge. Together with our customers, we join each project at any early stage and provide long-term support to drive forward building development. We offer modern, innovative door, window and safety technology. Consistent yet dynamic, we are open to the latest trends, developments and markets.

At GEZE we employ more than 3,140 people worldwide. We have manufacturing sites in Leonberg/Germany, in China, in Serbia and in Spain. Our 32 subsidiaries are located all over the world. Our local offices ensure we are always close to our customers and offer excellent service on site.

GEZE employs around 1,100 people at its main site in Leonberg, near Stuttgart. This is where our international headquarters are located, including development, manufacturing, distribution and administration. We have 6 branch offices in Germany. Our annual revenues for the GEZE Group are over 430.4 million euros.

Contact

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GEZE Cockpit building automation system Liveable buildings thanks to smart networking

Buildings become more liveable – safer, more efficient and more comfortable – when products from different subsections of the building communicate with each other. GEZE Cockpit, the first door, window and safety technology system, successfully achieves this. GEZE demonstrates how automated products can be networked and centrally operated and monitored. The building automation system can work independently, or be integrated into a building management system.

Networked and smart doors and windows

The interdisciplinary networking of door and window technology with smart software and open interfaces provides completely new options for planners and operators in terms of building automation. The BACnet communication standard enables the full intelligence of GEZE products (i.e. all available control options and status information) to be integrated into the building automation system using GEZE Cockpit. The truly 'intelligent' operation of doors and windows is possible because the system allows data from other devices and subsystems to be used. Doors and windows can therefore be controlled and monitored with the highest degree of precision.

- seasonal setting of the opening width of an automatic sliding door
- opening and closing of a window according to the external temperature, in coordination with weather stations and heating systems

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Scenarios – the right reaction, automatically

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Individual scenarios can be saved in GEZE Cockpit, so that doors and windows are opened and closed or doors locked automatically. This is triggered either by time or by a specific event.

- door monitoring and control, operating mode changes
- for targeted escape route release
- intelligent smoke and heat extraction

This also means that time-consuming inspections are no longer necessary, since the status of each connected element is reported. Malfunctioning doors, alarm and error messages can be easily identified and countermeasures implemented immediately.

Always a great atmosphere

Ventilation scenarios ensure an optimal indoor climate through the interplay of subsections. Integrated in GEZE Cockpit, the façade technology responds to changing climatic conditions.

- windows close according to the exterior temperature, rain/wind
- windows open according to the ambient temperature and air quality in the room
- energy-efficient night-time back cooling, e.g. in office blocks

The optimal GEZE Cockpit in any building

The system can be adapted to individual requirements – whether installed in airports, clinics, exhibition halls, office blocks or shopping centres. Because there's not just one GEZE Cockpit, we get involved in networking projects at the earliest opportunity and remain involved for longer. This ensures that all our customers' and partners' needs and the building requirements are met, and no questions are left unanswered, creating comprehensive and efficient solutions with the greatest added value. To achieve this, we connect all building development personnel in an efficient network and provide inspirational impulses – all in keeping with our slogan, 'Connecting expertise – building solutions'.



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Coordinated service packages

GEZE Cockpit features three different applications, depending on the situation and to cover a wide variety of building requirements. Whichever software configuration is implemented, the comprehensive service package and the expertise of our networking specialists are always included.

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Support in all project stages

- planning/project planning and management
- configuration and commissioning
- operator training
- maintenance and support

Operation with an IP-enabled device

GEZE Cockpit is operated using browser-based software. Any IP-enabled device – be it a PC or tablet – can access and process information from the system. Up to 62 GEZE products can be connected to any system.

Meet all your requirements with GEZE Cockpit

Using the same hardware and software, GEZE offers various ways of connecting GEZE products to all common building automation systems based on a BACnet IP.

Integration into the building management system

GEZE Cockpit connects GEZE products to the building management system via BACnet IP. With the 'integration solution', all relevant data points of the connected products are made available to the building management system for further processing in cross-functional and interdisciplinary scenarios.

- easy connection of GEZE products to leading building management systems
- safety for building operators: flawless integration of a range of GEZE product functions into the building automation system
- centralisation of functions
- minimal interfaces



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Independent solution

In the 'stand-alone solution', the GEZE Cockpit is used for door, window and safety technology applications where less extensive building automation is sufficient, e.g. in small to medium projects.

GEZE Cockpit offers

- the potential for integration
- browser-based central operation and monitoring of integrated GEZE components
- separate interfaces for operators and users

The best of both worlds

The available integration and stand-alone solutions can be combined for more comprehensive building automation. GEZE Cockpit can remain unchanged in the building.

- Simple connection to the building management system by means of extended software functions

Further information:

<http://cockpit.geze.com/>

GEZE Cockpit is already being used successfully

Over 180 door solutions are networked in the GEZE Cockpit building automation system and integrated into the BACnet building automation system at the head office of the Stuttgart-based IT company Vector.

Further information:

<https://www.geze.com/en/newsroom/intelligent-building-control/>

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Thermally separated sliding doors

Sliding door systems with insulation glazing and thermal separation of frame profiles make an important contribution to thermal insulation in façade entrances. Following further developments, the reliable automatic ECdrive sliding door system can now also be used with thermally separated profiles. It turns sliding doors into designer energy-saving doors, ensuring a maximum 'perspective'.

It is our task and responsibility to develop and create environmentally-friendly buildings with as many uses as possible, aligned to people's circumstances. We therefore constantly develop and revise our products, and now present a complete sliding door system with the new ECdrive door drive, in keeping with the energy-conscious building trend. The result is thermal separation of door leaf frame profiles, side panels and fanlights, and optimal sealing of the entire door system.

Minimising heat loss

The thermal insulation qualities of the new thermally separated profile system, in combination with the new ECdrive door drive, reduce heat loss in large glass sliding doors, shop fronts, hospital entrances and hotels.

- Thermal bridges are avoided
- The heat transition coefficient of complete glass sliding door systems is significantly smaller than that of conventional profiles
- Glass thicknesses of 32 mm can be used for double or triple insulation glazing with Ug values of 1.0 and 0.8 respectively.

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Discreet door design – quiet movement

Door leaves weighing up to 140 kg can be realised with an optional double roller carriage by using ECdrive. This means that higher leaf weights resulting from the use of multiple insulation glazing, for example, can be met.

- The height of the drive cover has been significantly reduced by 100 millimetres.
- The door design is more discreet and elegant.
- Reinforced tracks for light and quiet movement, and a longer lifespan for heavy door leaves

Thermally separated door systems

If the new ECdrive is combined with thermally separated profiles, together with thermally separated fanlights – all fine-framed – the result is a complete door system with optimal thermal insulation, which is also a door design highlight. Fanlights are available with single or double partition, including side façade panels, fulfilling demands for door systems with maximum transparency. Why? Because we develop solutions for our customers' needs and provide inspirational impulses which offer them even more benefits.

Safe and networked

For added safety against uninvited guests, even during night operation, the frame profiles can be equipped with a manual or motorised hook bolt lock.

Like all GEZE automatic doors, the ECdrive drive system

- meets maximum user safety standards in accordance with DIN 18650-1/2 and DIN EN 16005, and
- can be integrated into BACnet networking solutions with the GEZE Cockpit building automation system.

Installation and maintenance: more efficient and convenient

Installing and aligning the ECdrive door drive is quick and easy, thanks to a pre-drilled track with elongated holes. With regard to maintenance, a new service



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interface on the drive provides an easy connection with the service terminal or Bluetooth interface.

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Individual service concepts

We offer excellent service, which continues long after delivery of the ECdrive sliding door system with thermally separated profiles. As a professional partner for door systems, we support automatic doors throughout their entire life cycle with service and maintenance – naturally tailored to you

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Door closers:

Quiet, powerful and barrier-free in any environment

The new TS 5000 SoftClose

People who live near doors with door closers – on the ground floor, for instance – are glad that they do not have to hear constant slamming. The GEZE TS 5000 SoftClose is an overhead door closer which combines silence with preventive fire protection. It has already received a prestigious award.

Door closers without closing noise

The ‘strength’ of the TS 5000 SoftClose is its individually adjustable closing speed before the door reaches the closing position, combined with the strong closing force of the TS 5000. This results in the reliable, safe and quiet closure of automatically closing doors, even in unfavourable conditions. For example, in mostly narrow interlocking door systems in subterranean garages, stairwells or exterior doors, where the wind has an adverse effect on closing doors.

Door slamming is prevented by damping the door shortly before the closing position.

- Optimised closing: doors are pulled securely into the lock with uniform force
- adjustment of the latching action or braking of the door leaf to the last opening degree

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Flexible for individual requirements

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The focus of our work is on what our customers and partners need. That is why we always discuss future challenges or proposed projects with them. Our development potential makes us flexible, which enables us to quickly meet customer requirements with solutions such as the TS 5000 SoftClose.

Added value for users, operators and planners

We are involved in projects from the brainstorming stage, and combine the industrial and technical expertise of all parties involved to create the most beneficial door solutions. We thus support the use of the TS 5000 SoftClose in buildings such as clinics, hotels or apartment blocks, where its superior properties are especially important. We want buildings to be more liveable, flexibly designed and efficiently operated.

Other advantages at a glance

- accessible in accordance with DIN 18040, for leaf widths up to 1,100 mm
- can easily be exchanged with all versions from the TS 5000 series
- range of applications identical to that of TS 5000 door closers
- suitable for single and double-leaf doors and different system variants (e.g. with electric hold-open device or integrated smoke switch)
- individually adjustable closing speed in the door opening angle range between 15° and 180°.

Award for high quality

The TS 5000 SoftClose door closer was declared the *winner* in the 'Building fixtures' category at the *ICONIC Awards 2019: Innovative Interior* – the highest award in the Building Equipment category. It impressed the judges with its excellent practical values, functionality, serviceability and degree of innovation.

Further information:

<https://www.geze.de/en/newsroom/major-awards-for-modern-door-technology-1/>

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Enhancing hold-open systems Convenient wireless operation

A hold-open system ensures fire protection doors are fully accessible. With the new FA GC 170 wireless extension for hold-open systems, GEZE demonstrates how achieved hold-open system can be expanded without additional cable connections. The system has already received two awards, and is in use in a listed building.

The unique extension solution makes GEZE hold-open systems even safer, more comfortable and more discreet. We understand how important visual criteria and easy installation are in addition to functionality, because we are in constant dialogue with our customers and partners to meet requirements in our inspiring product solutions. GEZE's wireless hold-open systems support the appearance of a room, thanks to their virtually invisible installation.

Extra cables are a thing of the past

The new GEZE FA GC 170 wireless extension replaces cable connections with wireless solutions. The system has the great advantage **of not needing any additional cables.**

The wireless extension components are easily connected to existing systems via a wireless module. FA GC 170 is therefore also a retro-fit solution that enables ceiling-mounted smoke detectors and manual trigger switches on GEZE hold-open

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systems to be connected wirelessly to the wireless module on the lintel-mounted detector.

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No structural changes necessary

Construction work such as the knocking-through of walls and ceilings is not necessary. That facilitates planning.

The installation of the wireless extension is the ideal solution

- **in listed buildings**
- **if structural changes are not desired, or are not at all viable.**

We offer a unique solution for hold-open systems with wireless components with

- **a general construction technique permit.**

That means

- **avoiding non-approved object-specific enhancement solutions**
- **no expensive and time-consuming approval processes**

Fast and simple connection – low maintenance

All components of the wireless extension are connected via a DIP switch. The wireless module at the heart of the wireless system enables wireless communication between the virtually invisible lintel-mounted smoke detector and various wireless devices (e.g. the wireless ceiling-mounted smoke detector or the wireless ceiling-mounted thermal detector and wireless module to the manual trigger switch).

Further advantages are:

- flexible system design: connect up to six wireless devices
- can be fitted to ceilings with special structural features
- optimised for all GEZE hold-open systems
- tested in accordance with the European DIN EN 5425 standard for fire alarm systems
- 5-year battery life = low maintenance



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The GEZE FA GC 170 wireless extension has already won two awards.

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	Category
German Design Award 2019	'Building & Elements'
ICONIC AWARDS: Innovative Architecture 2018	'Product'

Successful use in listed buildings

The GEZE fire protection solution, with its cable-free hold-open system, makes the listed building owned by the Dortmund business association more liveable for employees and visitors alike, and includes all the advantages for the operator as described in the reference report.

Contact

Reference report

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Wireless extension: a clean solution Comfortably expanding GEZE hold-open systems 'wirelessly' in a historical building

The GEZE fire protection solution with wireless hold-open systems in the head office of the Dortmund business association, constructed in late nineteenth century.

Unobtrusive design

Perfect for listed buildings

- simple and clean: wireless installation
- no installation of cable ducts (no knocking-through of walls!)
- no changes to historical room aesthetics
- if structural changes are not viable/not desired

Efficiency in modernisation

Costs and building expenses savings

- approved: wireless extension system with general construction technique permit for GEZE hold-open systems

Security and ease of access

Reliable fire protection and accessibility provided by a door with automatic and manual swing door systems

- open and barrier-free in daytime operation
- automatic closure in the event of fire

Construction work in a historical building? Plus the need to lay cables for the fire protection solution? This is now much easier and was successfully achieved as part of the renovation and modernisation of the head office of the metal industry Dortmund business association, a listed building: thanks to FA GC 170, our unique and award-winning wireless extension for hold-open systems.

REFERENCE REPORT

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Modern late nineteenth century style

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What happens in this brick building ‘from the good old days’ today is highly topical, involving key and current issues in our modern world of work. The building, built in 1894 in the so called “Gründerzeit”-style featuring an ornate façade, an arched entrance with a bay window above it, and high-ceilinged rooms, became the first ‘industrialist’s villa’ in the affluent Prinz-Friedrich-Karl-Strasse district which was established in around 1900. Today, this city palace is a listed building.

Liveable: more comfortable and much safer

However, the headquarters of the business association failed to meet the modern requirements in terms of technology and usage. A renovation and modernisation project incorporated a fresh interior with about 20 rooms into the three-storey office block. GEZE door technology makes it even more ‘liveable’, as it offers users and visitors modern door comfort and optimal safety with the required fire protection.

“The installation of the fire protection doors could not have been simpler or quicker. These doors were also supposed to be barrier-free, and can be kept open as required. Thanks to the GEZE wireless extension systems, no walls had to be knocked through for cables for the additional ceiling-mounted smoke detectors, which were necessary because of the high-ceilinged rooms. “We were able to leave the structure of the listed building intact, use a secure and approved system, and save effort and costs,” explains Gerhard Kämper. He has been the building’s on-site technician and co-organiser of the renovation for many years.

Complete renovation: new fire protection concept

Because the building was to be used for a different purpose, the renovation required a new fire protection concept. To create the necessary barrier-free access and maintain an open atmosphere, the new fire doors had to be kept open during daytime operation – but of course close automatically in an emergency. Hold-open systems enable this. They hold the doors open until they are either closed manually or – in the event of a fire – safely closed by activating the smoke switch.

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Architectural challenges

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The problem was how to meet the special requirements placed on fire doors with hold-open systems in this historic architecture. Due to the great room heights and the distances of far in excess of one metre between the lintel and the ceiling, additional ceiling smoke detectors were required on both sides of the door. Additional cable runs in the ceiling are unavoidable. The building operators, door manufacturers and planners faced the challenge of leaving the historic ceilings – some of which had beams – untouched.

It's good to talk...

So that we at GEZE can make a meaningful contribution, we communicate constantly with our customers and partners. We always discuss the challenges of proposed and future projects with them so that we can lend our expertise and experience in the different building types and uses right from the beginning: that delivers the best solution.

..... Better together

Even in the earliest stages of the project, we brought together all parties from the subsections involved. This made sure that no requirements or issues were forgotten, no inspiring idea was ignored, and processes could go hand-in-hand in an efficient network. In the case of this listed building with its specific circumstances, we worked together with door experts from Dömer Metallbau GmbH in Nordwalde to implement

- manual and automatic fire protection doors, and
- a wireless extension of the hold-open system with wireless detectors in a complete system

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Enhancing hold-open systems: wireless

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The GEZE FA GC 170 wireless extension has the great advantage of

- **not requiring additional cables.**

We offer a unique solution for hold-open systems with wireless components with

- **a general construction technique permit.**

Everything included

Thanks to the innovative GEZE wireless extension, alternative and impermissible extension solutions with object-specific, costly and time-consuming approval processes could be avoided.

Easy installation

The additional smoke detectors could be simply attached to the ceiling by GEZE Service. All components of the FA GC 170 wireless extension were easily connected to the existing system via a wireless module. FA GC 170 is therefore also a retrofitting solution. Ceiling smoke detectors and manual trigger switches of other hold-open systems in the building can also be wirelessly connected to the wireless module on the lintel-mounted detectors.

Individual service concepts

Our service does not stop when the wireless extensions are handed over. We offer tailor-made service and maintenance throughout the entire life cycle of the barrier-free fire protection doors.

The 'all-round package' for

- consistently high availability
- reliable, safe operation
- value preservation and extended life span

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Products and added value at a glance

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GEZE hold-open systems with wireless extension:

Manual and automatic swing doors

with smoke switch (integrated and invisible)

- TS 5000 door closer
- Slimdrive EMD-F/R swing door operating systems

FA GC 170 wireless extension

Elements per door

- 1 GC 171 wireless module for wireless communication
- 2 GC 172 wireless ceiling-mounted smoke detectors
- cable runs to ceiling-mounted detectors are not necessary
- no separate cable laying, no knocking-through of walls
- simple retro-fitting
- construction effort and costs are avoided
- ideal solution
 - for listed buildings
 - if structural changes are not viable/not desired
- Planning certainty
 - change of fire protection concepts
 - change in use of doors
- flexible system design for particular structural conditions
 - tested in accordance with the European DIN EN 5425 standard for fire alarm systems
- Wireless extension system with general construction technique permit (DIBt) for GEZE hold-open systems
- low maintenance: 5-year battery life

Contact

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Smoke switch control unit with telescope function

Smoke switch control units in hold-open systems must always function flawlessly, so that doors close reliably in the event of fire. With the new RSZ7 intelligent smoke switch control unit with telescope function, GEZE demonstrates that this is possible, even if the structural conditions of the lintel are unfavourable.

The solution for ‘space problems’

The new flexible solution is ideal for lintels with too little room above the smoke chamber for the unobstructed supply of air or smoke. The smoke detector is telescopically extendible and retractable, and can bridge overhangs of 30 millimetres.

With the new RSZ7 smoke switch control unit, the

- specified minimum distance between the smoke switch control unit and the lintel is always guaranteed
- smoke is always accurately detected

Easy connection

The smoke switch control unit is connected to the 230 V power grid by means of an integrated power supply.

- 24 V supply voltage to the connected GEZE hold-open device (hold-open magnet on the wall and magnetic counter plate)
- installation above the active leaf on the vertical wall for early detection of fire and smoke



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Reliable safety – long life span

In the event of an alarm, the voltage supply to the hold-open devices is interrupted and the doors close immediately. Connection of two additional ceiling-mounted detectors – also cable-free – via the new wireless extension FA GC 170 is possible depending on requirements.

The integrated smoke switch of the RSZ 7 has a function for the automatic adaptation of the alarm threshold

- compensation of contamination in the smoke chamber
- reliable security and increased life span

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Press release

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Operating manual sliding wall systems (MSW) safely and conveniently

Manual sliding wall systems by GEZE create an open, inviting atmosphere in shop fronts in shopping malls. To open the system fronts, the glass elements are simply pushed together and elegantly 'stacked'. With the new automatic MSW Comfort locking concept, we demonstrate how manual sliding wall systems can be operated even more conveniently and easily. And all this without the bother of bending.

As easy as opening a door

In the future, handling movable all-glass sliding wall systems will be as easy as easily and safely opening and closing a door. Movable shop fronts often need to be operated not only in the morning and evening, but several times throughout the day as well. People who work in shopping centre stores and building operators have given us the inspiration to further improve our manual sliding wall systems.

Kind on backs and time-saving

The new MSW Comfort vertically locks the glass elements into the floor while simultaneously locking the elements together, by means of an activator unit. This means that manual sliding wall systems can easily be locked and unlocked by moving the elements.

- no extra manual operation needed for lower element profile
- significantly faster 'manual' opening or closing of MSW shop fronts



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Safety with design

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Convenient operation is even possible for segmented system fronts with a directional change from element to element of up to 15 degrees.

- no visible locking elements on the front
 - no disruption to the clear design
- manipulation of the locking position not possible from the outside
 - assurance that MSW shop fronts are safely locked

Your partner for planning

Our aim is to create product and service-based solutions, and so comprehensively and optimally support our customers and partners, and help them gain advantages over the competition.

With the help of our apps and planning tools, we support our customers and partners in creating complete manual sliding wall systems in all stages of a project.

- just a few steps to create comprehensive planning documents using the MSW configuration tool
- easy and quick installation, thanks to automatically generated layout and detail drawings
- direct ordering of configured manual sliding wall systems via the customer portal

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Pressemitteilung

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Window drives: Complete ventilation even at 230 volts

GEZE is automating a wide variety of windows across many different areas. We now present Slimchain, the sleekest and most discreet chain drive in the window drive portfolio, now also available as a 230 V variant for natural ventilation, and will demonstrate how easy connection, installation and commissioning are.

The new generation of Slimchain drives have the following added value compared to the 24 V variants:

- 230 V connection directly to the drive (without additional power supplies)
- easy wiring thanks to an integrated voltage supply
- concealed line-feed to the drive with the help of GEZE console technology
- exceptionally easy commissioning and parameter setting, thanks to easy access to services



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We have met this customer demand by supplementing the wide range of uses for the Slimchain, which fits into any façade. The new generation of the GEZE Slimchain 230 V drives is the result of intelligent development, and provides the perfect solution for natural ventilation in façade areas by covering all kinds of buildings and functions.

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- in schools, office buildings, hospitals, sports venues
- in your own home

Wide range of applications

The Slimchain 230 Volt can be used for a wide variety of window sizes and opening demands.

- Stroke lengths of 200, 300, 500 and 800 mm with adjustable lengths
- Drive stroke and opening speed can be individually set by using intelligent electronics

Easy handling and service in minutes

The intuitive Smart fix installation system enables quick and easy drive fixing, even in difficult situations. Good accessibility to the connection cable reduces the cost of exchanging cables and maintenance.

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Better and easier combinations with self-locking panic locks

Self-locking panic locks offer you quick opening doors in an emergency, controlled access and burglar resistance. GEZE presents IQ locks with new and optimised features. The combination of lock components in the door simplifies the installation, commissioning and parameter setting of the whole lock system.

The integration of all system components in the door makes manual installation much faster, and also ensures safe commissioning. With the GEZE ST220 service terminal, variants of the IQ lock family can also now be parameterised in accordance with the specific needs of our customers.

Integrated control unit

In the electrical IQ lock EL variant, the motor lock control unit is integrated into the housing.

- No additional installation is needed.

In combination with the GEZE IQ lock Emergency Power emergency power buffer mounted directly in the door leaf, and an automatic swing door drive, a complete automatic fire protection door system can be realised.



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Other benefits

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- quick and convenient passage through the door, thanks to motor unlocking of the lock in less than a second
- safe and jarring-free unlocking of the lock thanks to a double divided cross latch
- Access even under preload

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Press release

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BIM – Building Information Modeling Complete door planning is now even easier

Using GEZE BIM objects for the door technology program, construction projects can now be designed and implemented even faster, easier and more safely. The GEZE BIM solution with only five elements for complete door planning now has additional new features, including the "door library", and further advantages – also for international requirements.

Door product group made easy

Our strength lies in thinking in terms of products and software solutions as well as services for our customers and partners. We join projects very early on and remain involved for longer. That's why architects no longer have to regard the door product group as one of the most complex components, especially in larger buildings with multifunctional door systems. Individually produced GEZE BIM objects facilitate holistic, comprehensive and efficient door planning in all project phases, from the initial idea, planning and execution to operation and potential dismantling.

BIM door objects for all common CAD programs

As a system provider and specialist in door and safety technology, we provide BIM door objects for the following CAD systems:

- Autodesk Revit
- Graphisoft Archicad
- Nemetschek Allplan



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Architects, planners and specialists such as GEZE consultants can work together to design doors.

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Five elements for complete door planning

GEZE's BIM solution is characterised by the fact that **five multifunctional basic types are sufficient as virtual BIM objects**. This allows all doors, including

- swing doors
- sliding doors
- revolving doors
- as well as attachments: door drives or door closers

to be configured and displayed in the CAD system, and integrated into the virtual building model. Stored logics provide door planning through available product features. **This ensures high planning security even during the early planning phases.**

Working together on one model

Another significant advantage of GEZE BIM objects is that everyone involved in building planning can work together in a structured way on the 3D models of the projects created. This allows information to be exchanged at the earliest possible stage, and errors to be detected and corrected immediately.

Door or element lists at the touch of a button

GEZE BIM objects are compatible with the leading CAD programs. A complete door object is always issued, not just an attachment. Incorrect attachment positioning or mounting positions are therefore eliminated. As a result, reliable door or element lists can be generated at the touch of a button and can be created safely while also saving time.

The door library

New are door libraries for the most common door applications. From a collection of different installation and usage situations, the planner can easily and quickly select suitable doors for his object and integrate them into his model, such as entrance solutions or fire protection doors. This makes door planning easier and clearer.



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BIM constantly develops – continued optimisation

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We connect all the project participants, support our customers and partners with our know-how and always remain part of the dialogue. This ensures that GEZE's solution for Building Information Modelling continues to evolve constantly and meets national as well as international requirements.

Revit in four languages – country-specific expansion possible

GEZE BIM objects are now available for the most common CAD program Revit

- and are even more easily usable in
 - German
 - English
 - French
 - Spanish

A further advantage: Revit projects can be expanded with **country-specific information**.

GEZE BIM objects are available for download at <https://bim.geze.com/en>

Our BIM experts will gladly answer any further questions. Email: bim@geze.com

GEZE BIM objects – easier planning at a glance

- all door solutions can be generated with five basic types
- usable for all common CAD programs
- easy and comfortable to use
- flexibly usable in every project phase
- individually adaptable depending on the country or project
- new door libraries for all common CAD programs



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- complete door or element lists at the touch of a button
- usable offline and without plug-in
- GEZE experts can share their experience with planning offices.
- decisions can be incorporated in the door solution at any time.

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Contact

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