



myGEZE Visu CC

Building automation and control system

- Introduction
- Installation, system requirements
- myGEZE Visu CC - Configuration Client

EN User manual

210191-01

04/2026



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1 Introduction

1.1 Symbols and illustrations

Warning notices

In these instructions, warning notices are used to warn against material damage and injuries.

- ▶ Always read and follow these warnings.
- ▶ Observe all the measures that are marked with the warning symbol and signal word.

Warning symbol	Warning	Meaning
	DANGER	Danger to persons. Non-compliance will result in death or serious injuries.
	WARNING	Danger to persons. Non-compliance can result in death or serious injuries.
	CAUTION	Danger to persons. Non-compliance can result in minor injuries.

Further symbols and means of representation

Important information and technical notes are highlighted to explain correct operation.

Symbol	Meaning
	Important note On avoiding material damage, for improving understanding or optimising workflows.
	Additional information

1.2 Reference documents

Type	Name	Material no.
User manual	myGEZE-VisuClient_EN	209969

2 Safety

2.1 Safety notes



The information is subject to permanent technical development.

It is possible that the descriptions and drawings shown do not always correspond to the current status. For this reason, the current information must always be obtained from the manufacturer.



The instructions must be followed to ensure personal safety:

- ▶ Immediately resolve any system faults.
 - ▶ Always keep the installation instructions on hand near the control unit (e.g. in a plastic envelope directly on the front door).
-

3 Introduction

myGEZE Visu is a physical security management system for building operation, a user interface for GEZE products as well as other controller systems that can be connected via the BACnet data protocol. A wide range of operating units, from professional multi-monitor control stations via desktop clients, to mobile devices like smartphones and tablet PCs, provide immediate information regarding the current situation. This allows users to react quickly and correctly, and keep everything under control at all times.

myGEZE Visu combines current status information in graphics, tables and texts with video, audio and visual content. Supplemented with relevant stored information and online data, it provides a comprehensive overall picture to serve as the basis for reacting correctly and making the right decisions.

Incoming messages are analysed, and certain events and combinations of events generate individually configurable alarms. Alarms are processed in accordance with custom regulations, and can be controlled interactively via operator inputs.

Events are displayed in a clear and easy to understand manner, and can be tracked consistently – from collective notifications to detailed messages. Important information is shown concisely, to avoid overloading the user with data.

3.1 Range of applications

myGEZE Visu is optimised for connecting myGEZE Control systems. Configurations of these controllers can be imported directly into **myGEZE Visu** without further adjustments. Default settings are pre-defined for GEZE product systems, making it possible to directly display system statuses, alarm processing, and workflows in case of messages/faults.

Typical applications include:

- ▶ Operation
- ▶ Monitoring
- ▶ Alarms
- ▶ Forwarding

3.2 System illustration

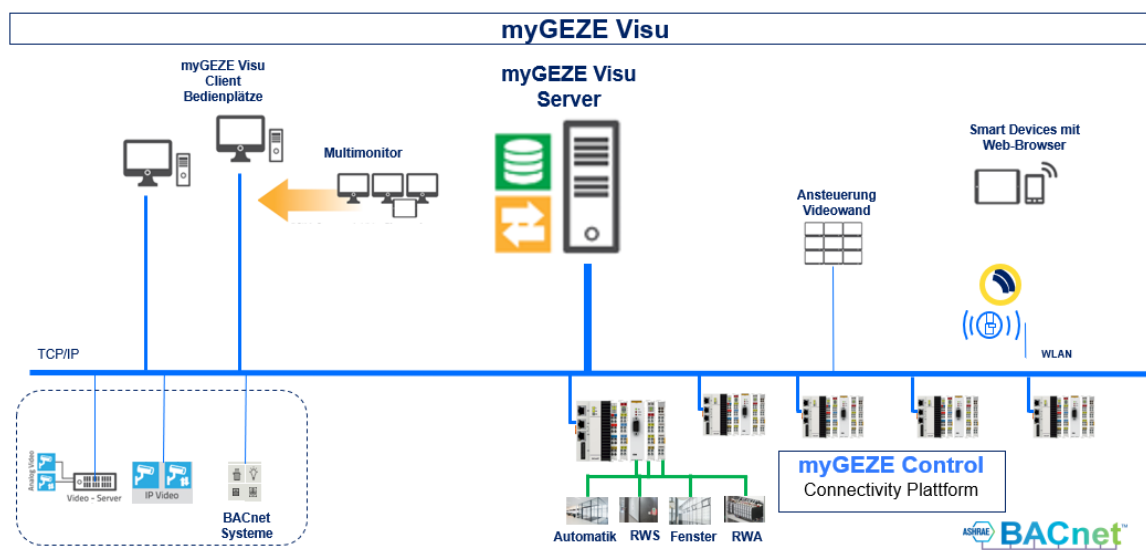


Fig. 1: Graphic showing a server, CC client, client and web client

3.3 System components

myGEZE Visu is available in the basic hardware and software packages. The basic software package can be installed in the customer's own system. The following chapter defines the minimum system requirements.

MYGEZE VISU	
Communication protocol	BACnet
Number of connectible myGEZE Control devices	5
Number of connectible devices	5...1000 (licence option)
Max. number of client operating stations	10
Email notification	Standard
Browser application	Yes
	Via licence model Customer-specific expansion
Multi-client capability	System option
Multi-monitor system	System option with up to 4 monitors
Video integration	System option; different drivers available

3.4 System requirements

3.4.1 myGEZE Visu – Servers and drivers

Minimum computer requirements

Operating systems:

- ▶ Windows 10/11 (64-bit version, including IoT Enterprise), Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025.

System:

- ▶ Intel i5 or equivalent with 8 GB RAM, SSD recommended, 100 GB hard drive, 100 Mbps network

Interfaces:

- ▶ 1x HDMI
- ▶ 1x RJ45 (Intel 100 Mbit/GLAN)
- ▶ 4x USB 3.0 (when connecting operating elements mouse, keypad via USB)
- ▶ 1x Audio (optional if sound output over the system)

Graph:

- ▶ Intel HD maximum resolution: 1920x1080@60Hz (HDMI)

Windows users:

- ▶ myGEZE Visu Server runs on the service on the system. It does not require an active session.
- ▶ Default Windows user for configurations to myGEZE Visu.
- ▶ Administrative User required for installation and setup of myGEZE Visu.

The license is uploaded to the server.



myGEZE Visu servers and drivers can also be installed and operated on a virtualised computing system.
The virtual machine (VM) must have the necessary hardware interfaces.



- ▶ Microsoft .NET Framework 4.8 is required to run myGEZE Visu Server and drivers!
-

3.4.2 myGEZE Visu-Clients

Operating systems:

- ▶ Windows 10/11 (64-bit version, including IoT Enterprise), Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025.

System:

- ▶ Intel i5 or equivalent, 8 GB RAM, SSD recommended, 100 GB hard drive, 100 Mbps network. Computing requirements are determined based on the operating current used and the quantity of data to be processed.

Interfaces:

- ▶ 1x HDMI
- ▶ 1x RJ45 (Intel 100 Mbit/GLAN)
- ▶ 4x USB 3.0 (when connecting operating elements mouse, keypad via USB)
- ▶ 1x Audio (optional if sound output over the system)

Graph:

- ▶ Intel HD maximum resolution: 1920x1080@60Hz (HDMI)
- ▶ Up to 4 independent displays supported; graphics adapter depending on the number of controlled monitors.
- ▶ If video images are to be displayed, the computing requirements for the graphics card will be higher.

Windows users:

- ▶ [myGEZE Visu](#) Server runs as a service on the system. It does not require an active session.
- ▶ Default Windows user for configurations to [myGEZE Visu](#).
- ▶ Administrative User required for installation and setup of [myGEZE Visu](#).

Servers and clients can be implemented on the same computer or on computers connected via the network.



Energy-saving mode should be deactivated on the Windows operating system on which myGEZE Visu is installed. This ensures that the [myGEZE Visu](#) Client will be available continuously.

4 Installation

4.1 Install program components

Installation is carried out either via USB stick or using installation packages downloaded from the GEZE portal.



- ▶ A technician who installs and commissions the system, carries out modifications or uploads updates, for instance, must be familiar with the operating system used. Please observe the documentation for the computer and the operating system.
- ▶ The technician must be trained appropriately to set up [myGEZE Visu](#).



- ▶ An administrator account with sufficient rights must be available on the operating system used for the installation.

1. Start the installation with an administrator account.

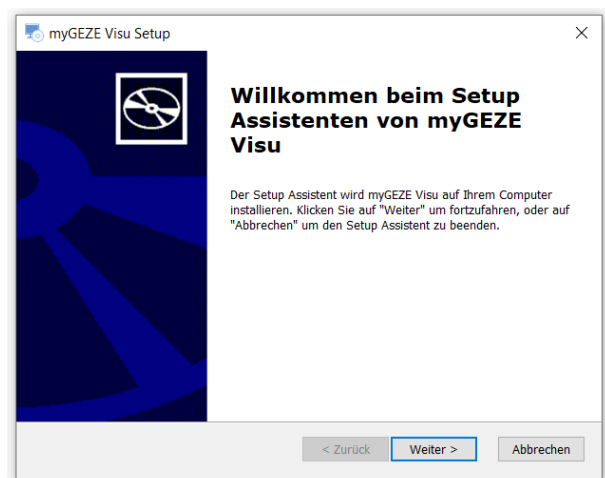


Fig. 2: Start setup

2. Change the default installation path if necessary.

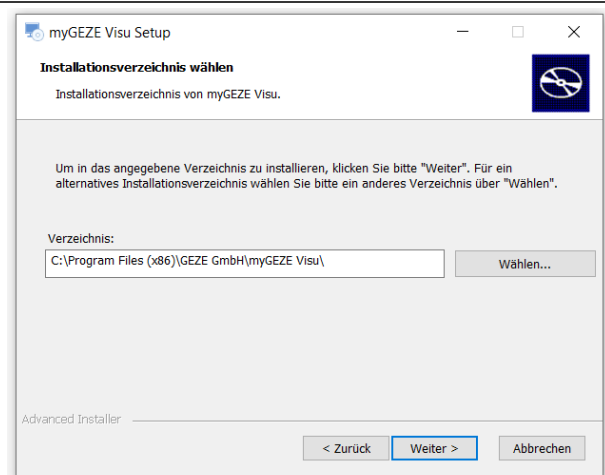


Fig. 3: Default installation path

3. Select the components to be installed.

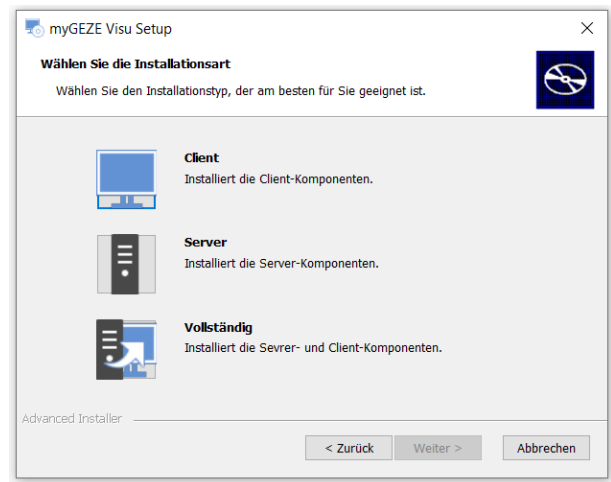


Fig. 4: Component selection

4. Set the network connection and IP address for the BACnet protocol.

- ▶ this step is required only for the myGEZE Visu server.

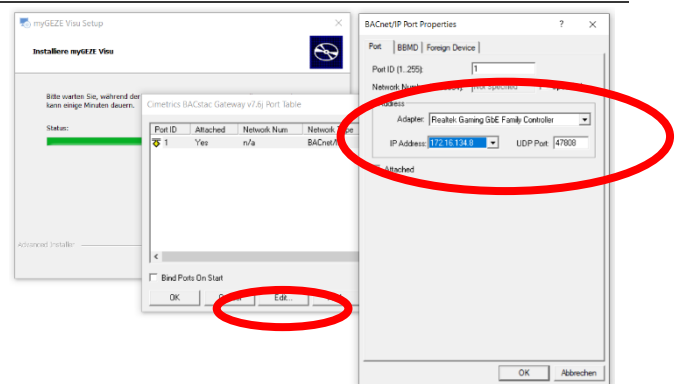


Fig. 5: Entering the network connection and IP address.

5. Installation completed successfully.

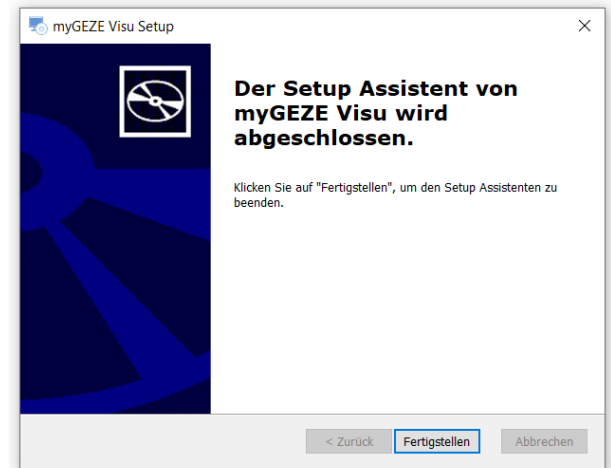


Fig. 6: Setup wizard completed.

Importing the license file

In the demo version, the system runs with restricted functionality, and is limited to a run time of one hour. The system requires a license to use the desired function in continuous operation. This license must be imported into the system.

Procedure

Start [myGEZE Visu](#) CC (Configuration Client) via the link to the desktop.

Default access:

User: admin
PW: Geze-1863

1. Use the 'Import' menu button to import the previously received license file.

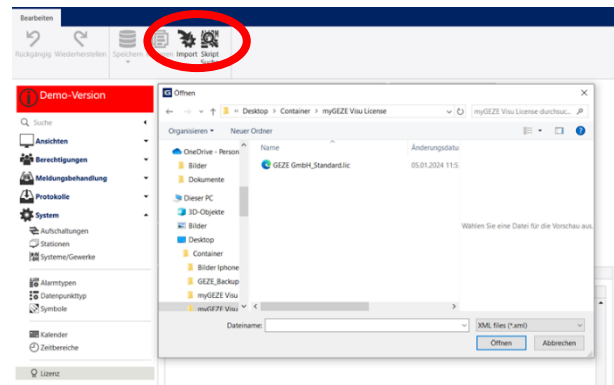


Fig. 7: Importing the licence file.

2. The system restarts after importing the license.

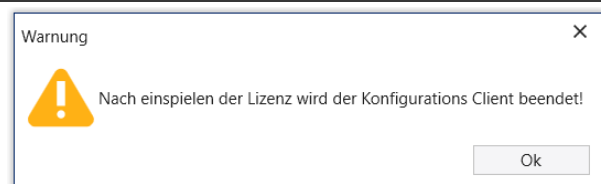


Fig. 8: Message stating that the client will be closed after import.

4.2 Startup configuration tool

The startup configuration tool can be used to configure and save the different parameters for the individual applications (Server, Configuration Client, Client).

4.2.1 myGEZE Visu Server Service

There are two different ways to open the startup configuration tool:

1. Open the programme by double-clicking on it in the client directory: The programme will attempt to detect the server path automatically. If the path cannot be determined, a file selection dialogue box opens. The following files can be selected via this dialogue box:

- ▶ myGEZE_Visu_StartupConfigTool.exe
- ▶ myGEZE VisuCC.exe
- ▶ myGEZE VisuClientWpf.exe
- ▶ myGEZE VisuReDaViewer.exe

2. Open the program using the corresponding application (toothed wheel at top right).



The startup configuration tool requires administrator rights. These are requested when the program is started.



Making changes to this point in the system can cause malfunctions. Make changes carefully.

To edit the server parameters, the startup configuration tool must be launched as described above under 1. If the server path was determined automatically, then the following interface will be shown:



Fig. 9: myGEZE Visu startup configuration service

Service

Name	Description
Status	Shows the status of the service.
Start service	Starts the service.
Stop service	Stops the service.
Install service	Installs the myGEZE Visu server as the service. Note: The service name, description and display name can be set in the Server Parameter tab.
Uninstall service	Uninstalls the server as a service.

Firewall

Name	Description
Server TLS port:	Port on which the server can be accessed for encrypted connections; Default value: 30001

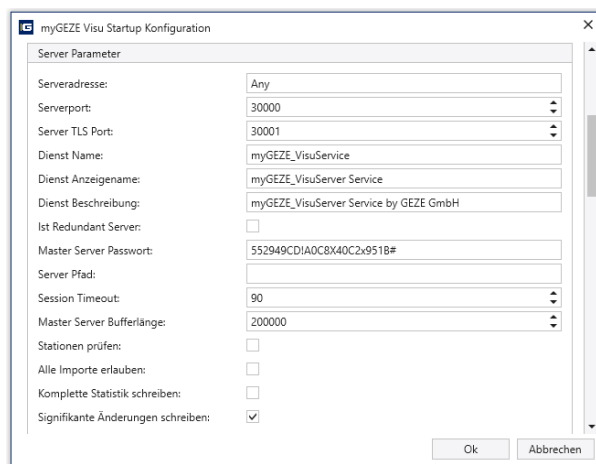


Fig. 10: myGEZE Visu startup configuration server parameters

Server parameter

Name	Description
Server address	Server address to which the server listens for incoming connections; Default value: Any
Server port	Port on which the myGEZE Visu server can be accessed; Default value: 30000
Server TSL Port	Port on which the myGEZE Visu server can be accessed for encrypted connections; Default value: 30001
Service name	The myGEZE Visu server can be installed using the program myGEZE_VisuStartupConfigTool.exe as a service under Windows; this key is used to define the name of the service; Default value: myGEZE_VisuServer
Service display name	The myGEZE Visu server can be installed using the program myGEZE_VisuStartupConfigTool.exe as a service under Windows; this key is used to define the display name of the service; Default value: myGEZE_VisuServer Service
Service description	The myGEZE Visu server can be installed using the program myGEZE_VisuStartupConfigTool.exe as a service under Windows; this key is used to define the description of the service; Default value: myGEZE_VisuServer Service by GEZE GmbH
Master server password	If the "Redundant server" setting is active (true), then the master server password must be stored here; Default value: 552949CD!A0C8X40C2x951B#
Server path	Path on a local drive on which the server manages its data and update directories; Default value: empty
Session timeout	Time in seconds for the session timeout; Default value: 90
Master server buffer length	Length of the buffer for incoming messages; Default value: 200000
Check stations	If active, only created stations can log in. The default station is also checked. This means that different stations will no longer be permitted to log in multiple times. Default value: not activated
Permit all imports	If active, all imports will be permitted automatically; Default: not activated
Write complete statistics	If active, all alarm reasons with the Statistics option will be saved in a separate database. Default: not activated. Note: The database must be created in advance.
Write significant changes	If active, all alarm reasons with the Significant change option will be saved in the database; Default: activated
Use expanded report	If active, then information generated by the system will also be saved; Default: not activated
Do not automatically save changes	If active, all changes made to the system will be saved automatically as a file on the myGEZE Visu server; Default: not activated

Datenbank

Datenbank benutzen:

☐

Datenbank Serveradresse:

127.0.0.1

Datenbank Name:

DatabaseName

Datenbank Port:

5432

Datenbank Benutzer:

postgres

Datenbank Passwort:

Fig. 11: myGEZE Visu startup configuration database

Database

Designation	Description
Use database	If active, the myGEZE Visu server will use the database indicated; Default: not activated. Note: The database must be created in advance.
Database server address	Server address on which the Postgres database runs. Default value: 127.0.0.1
Database name	Database name Default value: DatabaseName
Database port	Port on which the Postgres database can be accessed. Default value: 5432
Database user	Database user name Default value: postgres
Database password	Database user password Default value: empty

LTR Datenbank

LTR Datenbank benutzen:

☐

Datenbank Serveradresse:

127.0.0.1

Datenbank Name:

LTRDatabaseName

Datenbank Port:

5432

Datenbank Benutzer:

postgres

Datenbank Passwort:

Fig. 12: myGEZE Visu startup configuration LTR database

LTR database

Designation	Description
Use the LTR database	If active, the myGEZE Visu server uses the LTR database indicated; Default: not activated. Note: The database must be created in advance. A corresponding license (long-term report) is required to use the long-term report.
Database server address	Server address on which the Postgres database runs. Default value: 127.0.0.1
Database name	Database name Default value: LTRDatabaseName
Database port	Port on which the Postgres database can be accessed. Default value: 5432
Database user	Database user name Default value: postgres
Database password	Database user password Default value: empty

Statistik Datenbank

Statistik Datenbank benutzen: ☐

Datenbank Serveradresse:

Datenbank Name:

Datenbank Port:

Datenbank Benutzer:

Datenbank Passwort:

Fig. 13: myGEZE Visu startup configuration statistics database

Statistics database

Designation	Description
Use the statistics database	If active, the myGEZE Visu server will use the database indicated to save the statistics; Default: not activated Note: The database must be created in advance.
Database server address	Server address on which the Postgres database runs. Default value: 127.0.0.1
Database name	Database name Default value: StatisticDatabaseName
Database port	Port on which the Postgres database can be accessed. Default value: 5432
Database user	Database user name Default value: postgres
Database password	Database user password Default value: empty

Standard

Cache Pfad:

Vertrauenswürdige Thumbprints:

Keine selbst signierten Zertifikate zulassen: ☐

Fig. 14: myGEZE Visu startup configuration default

Standard

Designation	Description
Cache path	Path on a local drive at which the cache files will be saved, e.g. <i>C:\Cache\Pfad</i> . Default value: empty
Trusted thumbprints	Trusted thumbprints for a certificate: Multiple trusted thumbprints can be entered in the field separated by a comma;
Do not permit self-signed certificates	If active, no self-signed certificates will be permitted. Default: not active

The screenshot shows the 'Optional' configuration window. At the top, there is a 'Sprache:' dropdown menu. Below it is a section titled 'Individuelle Parameter' which contains a table with two columns: 'Name' and 'Wert'. The table is currently empty, with a small arrow icon in the first row of the 'Name' column.

Fig. 15: myGEZE Visu startup configuration optional

Optional

Designation	Description
Language	Defines the language. Available language settings: de German en English it Italian fr French Default value: empty (system language is used)
Custom parameter	Additional parameters not included in the default configuration can be displayed, created or edited here.
Name:	Name of the parameter. Note: Must not be left blank.
Value:	Value for the parameter. Note: Must not be left blank.

4.2.2 myGEZE Visu configuration (CC)

The buttons for minimise, maximise and end are located at the far top right. The buttons for the setting dialogue (toothed wheel at top right) are underneath these.

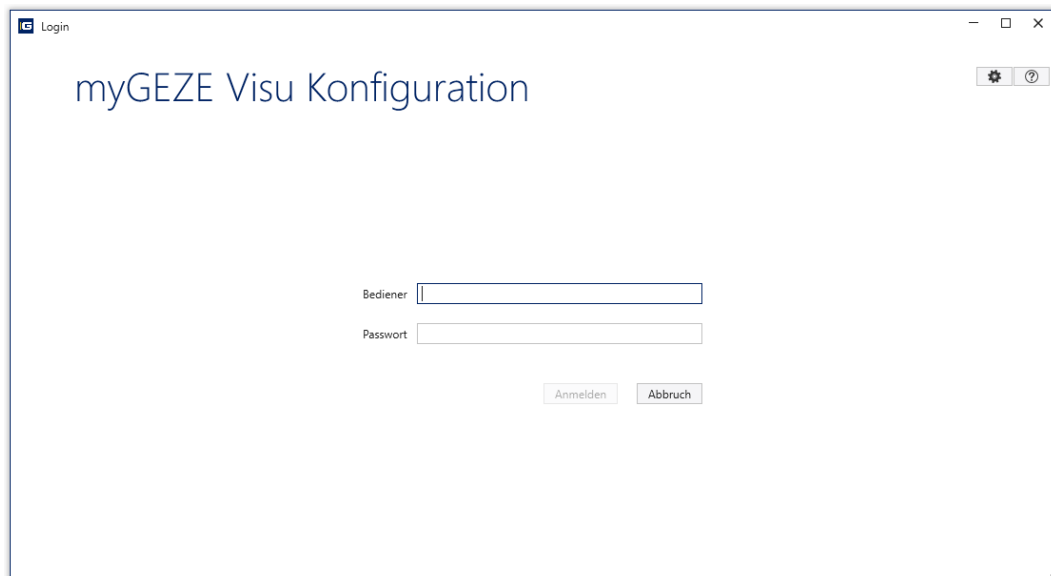


Fig. 16: myGEZE Visu configuration (CC)

Standard

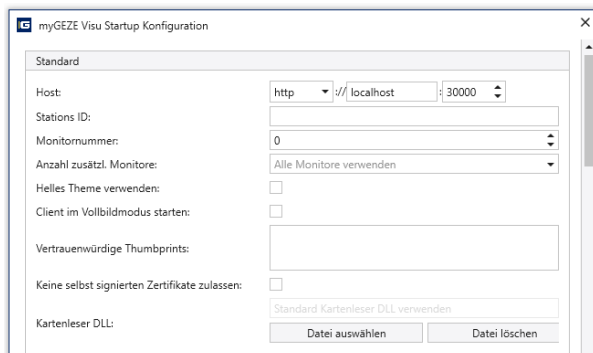


Fig. 17: myGEZE Visu Startup configuration (default)

Designation	Description
Host	IP address of the myGEZE Visu server Default value: localhost If the server is installed on a different computer system, the connection must be configured here. This can be done using the IP address or the computer name (hostname). The connection must then be established via a secure protocol https. The default port is then 30001. Example: https://172.18.12.99:30001
Automatically save changes	If active, changes are automatically saved. The Save button no longer has to be clicked. Note: If enabled, Undo/Redo will no longer be available.
Use light theme	If active, the program is launched in a light theme; Default: not activated
Trusted thumbprints	Trusted thumbprints for a certificate. Multiple trusted thumbprints can be entered in the field separated by a comma.
Do not permit self-signed certificates	If active, no self-signed certificates will be permitted. Default: empty

Optional

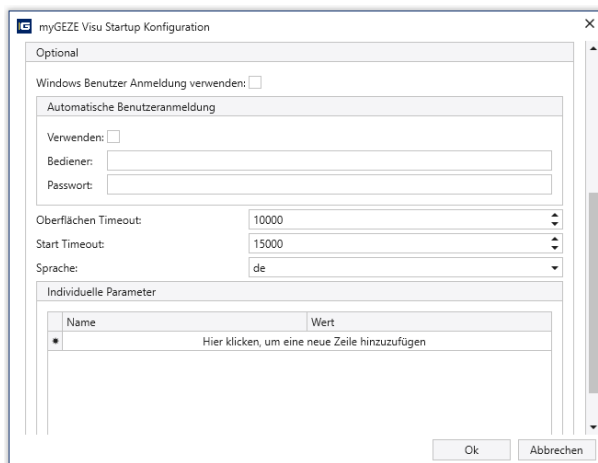


Fig. 18: myGEZE Visu startup configuration (optional)

Designation	Description
Use Windows user log in	If active, the Windows user is used to log into the program; Default: not activated
Automatic user login: Use	If active, the entered operator and password are used for automatic login to the program. Default: not activated
	Note: If this option is enabled, it is not possible to enter a username and password in the application's login dialogue.
Operator	User name for login Default value: empty
Password	Password for login Default value: empty
Interfaces timeout	Time in milliseconds (ms) for which the interface of the client may be blocked until it is restarted by the watchdog. Default value: 10000
Start timeout	Time in milliseconds (ms) for which the client may be blocked until it is restarted by the watchdog. Default value: 15000
Language	Defines the language. Available language settings: de German en English it Italian fr French Default value: empty (system language is used)
Custom parameter	Additional parameters not included in the default configuration can be displayed, created or edited here.
Name:	Name of the parameter. Note: Must not be left blank.
Value:	Value for the parameter. Note: Must not be left blank.

4.2.3 myGEZE Visu Client

The buttons for minimise, maximise and end are located at the far top right. The buttons for the setting dialogue (toothed wheel at top right) are underneath these.

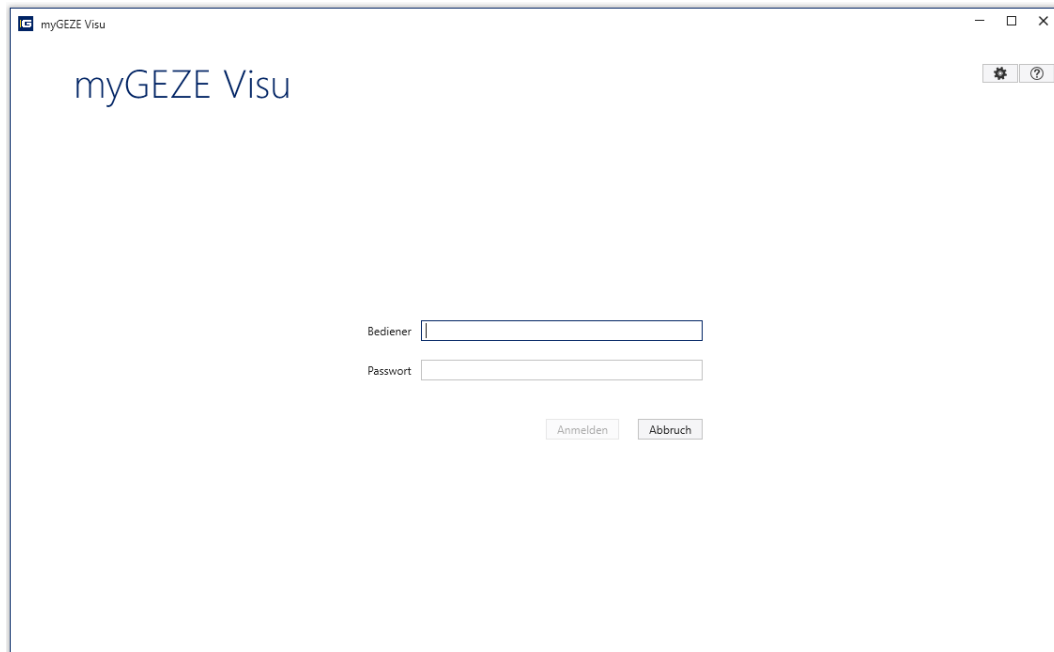


Fig. 19: myGEZE Visu Client

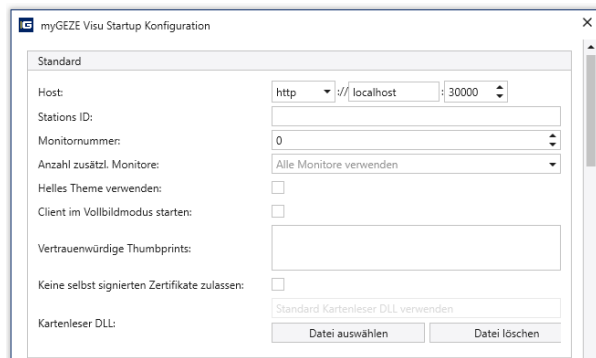


Fig. 20: myGEZE Visu startup configuration

Designation	Description
Host	IP address of the myGEZE Visu server Default value: empty Note: If nothing is entered here, the address http://localhost:30000 will be used automatically. If the server is installed on a different computer system, the connection must be configured here. This can be done using the IP address or the computer name (hostname). The connection must then be made via the secure HTTPS protocol. The default port is then 30001. Example: https://172.18.12.99:30001
Station ID	Station assignment with station ID from the configuration; Default value: empty
Monitor number	Main screen on monitor number Default value: 0
Number add. monitors	Restrict the number of additional monitors. If you have one client with three monitors, for example, and option 1 is selected here, then only two monitors are used; the main screen and an additional screen. Default value: not selected (use all monitors)
Use light theme	If active, the program is launched in a light theme; Default: not activated
Start client in full screen mode	If active, the program is launched in full screen mode without a header. Default: not activated
Trusted thumbprints	Trusted thumbprints for a certificate. Multiple trusted thumbprints can be entered in the field separated by a comma.
Do not permit self-signed certificates	If active, no self-signed certificates will be permitted. Default: not activated

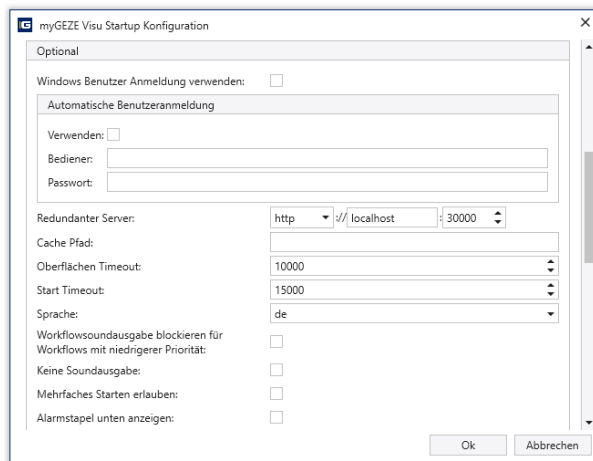


Fig. 21: myGEZE Visu startup configuration

Designation	Description
Use Windows user log in	If active, the Windows user is used to log into the program; Default: not activated Note: Only the automatic user login or Windows user login can be used. Using both at the same time is not permitted.
Automatic user login: Use	If active, the entered operator and password are used for automatic login to the program. Default: not activated Note: If this option is enabled, it is not possible to enter a username and password in the application's login dialogue.
Operator	User name for login Default value: empty
Password	Password for login Default value: empty
Redundant server	Server address of the redundant server; Default value: empty
Cache path	Path on a local drive at which the cache files will be saved, e.g. C:\Cache\Pfad. Default value: empty
Interfaces timeout	Time in milliseconds (ms) for which the interface of the client may be blocked until it is restarted by the watchdog. Default value: 10000
Start timeout	Time in milliseconds (ms) for which the client may be blocked until it is restarted by the watchdog. Default value: 15000
Language	Defines the language. Available language settings: de German en English it Italian fr French Default value: empty (system language is used)
Block workflow sound output for lower priority workflows:	Sounds for alarm notifications will be suppressed for workflows with a lower priority.

	Default: not active
No sound output	All sound output on the client will be suppressed. Default: not active
Permit multiple starts	Multiple starts on one computer. Default: not active Note: The log is written to a file.
Show alarm stack at bottom	If active, the alarm stack will no longer be displayed in the selection list in the client, but rather in the lower complete margin.
Custom parameter	Additional parameters not included in the default configuration can be displayed, created or edited here.
Name:	Name of the parameter. Note: Must not be left blank.
Value:	Value for the parameter. Note: Must not be left blank.

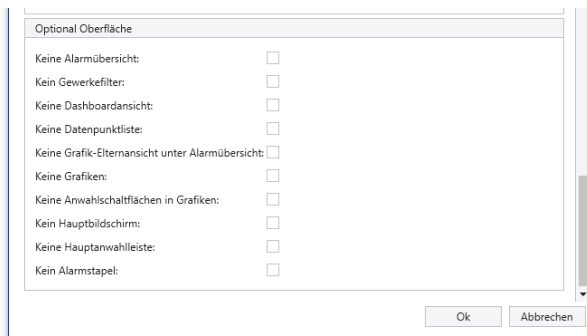


Fig. 22: myGEZE Visu startup configuration

Designation	Description
No alarm overview	No alarm overview will be displayed; Default: not activated
No trade filter	No trade filter is displayed; Default: not activated
No dashboard view	No dashboard view will be displayed; Default: not activated
No data point list	No data point list will be displayed; Default: not activated
No graphic parent view under the alarm overview	No graphic parent view will be displayed under the alarm overview; Default: not activated
No graphics	No graphics will be displayed; Default: not activated
No selection buttons in graphics	No selection buttons will be displayed in graphics; Default: not activated
No main screen	No main screen will be displayed; Default: not activated
No main selection bar	No main selection bar will be displayed; Default: not activated
No alarm stack	No alarm stack will be displayed; Default: not activated

4.3 Directory structure

myGEZE Visu can be installed in any directory. The name and location of the sub-directories are defined. The installation process offers the option of the directory *C:\Program Files (x86)\GEZE GmbH\myGEZE Visu* for installation, which can be changed. Example start links are provided in this directory for a myGEZE Visu client and the configuration program CC.

Configuration program myGEZE Visu CC.

...\myGEZE Visu	Link examples
\BACnet	BACstac protocol stack for BACnet communication.
\Driver	Driver subdirectory: Each driver has its own directory.
\BACnetDriver	Driver base element for communication via BACnet.
\NotificationDriver	Driver base element for processing notifications.
\Client	Configuration program myGEZE_VisuCC.exe with required DLLs and libraries.
\Plugins	Directory for client plug-ins.
\ VncViewer-PlugIn	
\de	German language package
\...	Other language packages, for example /it for Italian.
\Update	Internal directory structure for handling updates.
\Server	Server application myGEZE_VisuServer.exe.
\Tls	TLS tunnel
\Website	Directory for static websites, such as general documents.
\x64	Directory for platform-specific 64bit DLLs.
\x86	Directory of platform-specific 32-bit DLLs.

4.4 Safety

4.4.1 Access to the server

**Important note**

Protect the server (hardware, software and operating system) against unauthorised access.

Install the server hardware in a secure area to which only a limited and known group of people has access. Access to the server operating system and file system (in particular database, [myGEZE Visu](#) directory) must be protected. **Note:** Follow the recommendations and instructions provided by the operating system manufacturer (Microsoft).

Release of the database for network access should **not** be permitted as a default.

**Important note**

If it is necessary to release the database for network access (for instance for reporting), then only a reading release/access is permitted. In addition, appropriate user authorisations and encryptions must be used for security (see the PostgreSQL documentation). Also include PostgreSQL in the update processes.

4.4.2 Information on ongoing operation

Set up the [myGEZE Visu](#) server software and drivers on a different computer than the service.

This ensures that the [myGEZE Visu](#) software is started as well when the computer is restarted.

Use reliable hardware designed for server operations for the server (such as mirrored hard drives, redundant power supplies, ...). A cyclical database backup is recommended.

4.4.3 Create a new certificate

The [myGEZE Visu](#) server only allows encrypted connections (HTTPS) from external sources. 'External' means accessing [myGEZE Visu](#) server data from another computer system. This applies to the [myGEZE Visu](#) (user interface) and [myGEZE VisuCC](#) (configuration client) programmes.

A certificate is required for these connections.

If the standard certificate supplied with [myGEZE Visu](#) has expired, follow the steps below to generate a new valid certificate.

- ▶ A certificate in PEM format with a private key is required.
- ▶ Hardware keystores, e.g. USB tokens, are not supported.
- ▶ Certificates are digital certificates that confirm the security and authenticity of a server.
- ▶ They are issued by Certificate Authorities (CAs) and enable data transmission to be encrypted using SSL/TLS.
- ▶ There are external (public) certification authorities, and in many companies there are also internal (private) ones.
- ▶ To set up a certificate, you must generate a CSR (Certificate Signing Request) and submit it to a CA in order to obtain your certificate and install it on the driver.
- ▶ To obtain a suitable certificate, please contact your IT department.

4.4.4 Creating a self-signed certificate for testing purposes and simple applications

myGEZE Visu – Server:



Important note

Self-signed certificates do not allow the browser to verify the certificate fully. They are particularly vulnerable to man-in-the-middle attacks.

Self-signed certificates trigger an error message in the browser, which must be ignored.

1. To create a self-signed certificate, the program “**SelfCert.exe**” is located in the myGEZE Visu Server directory, in the subdirectory “**Tls**” → “**bin**” → “**SelfCert**”.

Note:

The programme **must** be run as an administrator.

2. After it is started, very little information is required:
 - ▶ “X.500 distinguished name”: enter the computer name of the computer running the driver here
cn=**Computer name**, e.g. cn=localhost or cn=lynx.server (standard: localhost)
 - ▶ Key size: a key length of 4096 bits is recommended.
 - ▶ Valid from – to. (from today's date – to: select a date range)

Note:

- ▶ Note the certificate's validity period. Please follow these instructions to renew the certificate before it expires.

3. Click the “**Generate**” push button to create the certificate
4. Use the ‘**Save to PEM file**’ button to save the certificate to:
myGEZE Visu installation path → Server → Tls → config → LynxTlsServer.pem
The old certificate contained there must be deleted or overwritten.
5. Click the ‘**Save Client ValidCert**’ button to save the validity file to:
myGEZE Visu installation path → Server → Tls → config → ValidCertThumbprints.txt

6. Copy the file ValidCertThumbprints.txt to the following directories:
 - ▶\\GEZE GmbH\\myGEZE Visu\\Client
 - ▶\\GEZE GmbH\\myGEZE Visu\\Server (on the server system only)
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\BACnetDriver (on the server system only)
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\LynxDriverHost
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\NotificationDriver
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\WebUiService
7. Either restart the service using the myGEZE_VisuStartupConfigTool, or restart the service via the background services under “myGEZE_VisuServerService”. Alternatively, restart the server system completely
8. **myGEZE Visu Client**
 - ▶ Copy the file ValidCertThumbprints.txt from the server system to the following directories:
 - ▶\\GEZE GmbH\\myGEZE Visu\\Client
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\LynxDriverHost (if available)
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\NotificationDriver (if available)
 - ▶\\GEZE GmbH\\myGEZE Visu\\Driver\\WebUiService (if available)

4.4.5 Update server, client and driver computer operating system/software

It is recommended that you install the recommended operating system updates at least at regular intervals or whenever security vulnerabilities in the operating system are reported (e.g. via the BSI <https://www.bsi.bund.de>).

It is also recommended that you use the latest version of myGEZE Visu.

4.5 Module versions

Client and server module

The client and server modules must have exactly the same version number in the first three places.

The myGEZE Visu Model module must have the same version number at all four places in the client and the server.

The client and server are delivered as a package. Only operate them together in the delivered configuration.

5 myGEZE Visu CC

To be able to work with the configuration program myGEZE Visu CC, a myGEZE Visu server with database connection must be installed. myGEZE Visu CC writes and reads the database connected via the server. The operator must have configuration rights.

A touchscreen, ideally a multi-touch or a mouse and keyboard are required to operate myGEZE Visu CC.

5.1 Program login

myGEZE Visu CC is called up by clicking the program file "myGEZE_VisuCC.exe" in the myGEZE Visu sub-directory "myGEZE Visu Client".

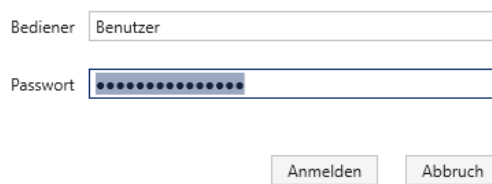


Fig. 23: Logging in to myGEZE VisuCC

After the "Login" button has been pressed, the server compares the operator data stored with the entry. Pressing "Cancel" exits the myGEZE_Visu CC.exe program.

The buttons for minimise, maximise and end are located at the far top right. The buttons for the setting dialogue and integrated help function are located below them. Required and optional parameters can be entered using the settings dialogue.



Further information

Refer also to [Startup configuration tool](#).

If an operator is found with the password entered and sufficient authorisations, myGEZE Visu CC opens the configuration interface.

Error messages appear in the event of errors.

Incorrect operator or incorrect password

Login error; operator name or password incorrect.

Server not available

No operating server can be found under the given host address.

Server not available, server starting

The server is currently starting up. Please wait for a few seconds before attempting a new login.

Configuration changes are not permitted at this server

In redundant server landscapes, configuration changes can only be made at the main server, all changes are replicated on the redundant servers.

5.2 Program interface

The interface design depends on individual settings, the system configuration, the user settings, rights and current events. Colour schemes and symbols can be customised. myGEZE Visu can use one or more monitors. One screen is always the main screen with control elements and view windows.

5.2.1 Main screen elements

After login, the myGEZE Visu CC main program window is displayed. The contents depend on the authorisations of the logged in operator. The screen is divided into the following main sections:

- ▶ **Header** with buttons for minimise, maximise and end.
- ▶ **Control bar** with buttons for undo/redo, save, copy, import.
- ▶ **Menu** with the program functions.
- ▶ Data/configuration area, depending on the menu selection.

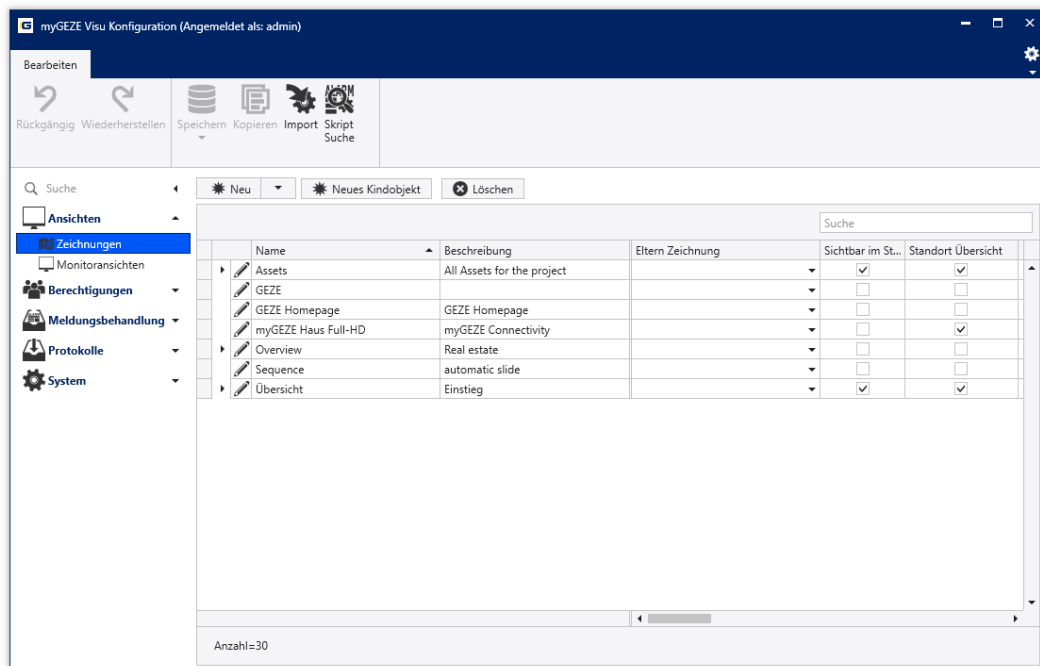
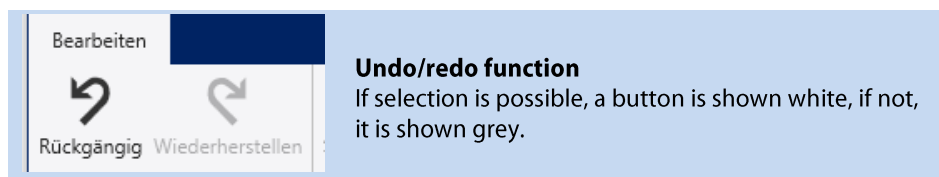


Fig. 24: Main screen elements

The main screen supplements the primary display area, here the **dashboard**, with different control and selection boxes.



5.2.2 System menu

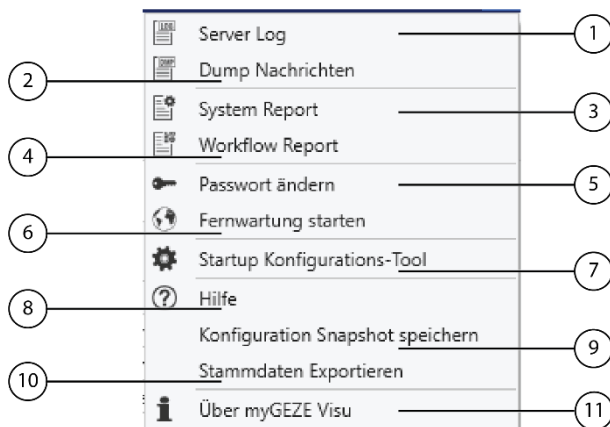


Fig. 25: System menu

- ① **Server log** displays the system log as a list.
- ② **Dump messages** displays incoming messages.
- ③ **System report** shows selected log entries.
- ④ **Workflow report** shows logged edited workflows.
- ⑤ Change the **password** of the logged in operator.
- ⑥ **Start remote maintenance**: the remote support tool "TeamViewer" is started.
- ⑦ **Startup Configuration Tool**: Configure and save the various parameters for the individual applications (server, configuration client, client).
- ⑧ **Help** calls up the integrated help function.
- ⑨ Save configuration snapshot.
- ⑩ **Export Master Data**: Export (Configuration) master data to one or more XML files.
- ⑪ **About myGEZE Visu**: Displays information about myGEZE Visu. The product version, logged in user and further information can be seen here.

5.2.2.1 Server log

This function displays the server log window with system signals. The content of the server log depends on the log level settings for the individual drivers. The default is to output message for the "Error" level. The window contains the server log entries, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying. CTRL + F will display a search field. The system searches for this value in all tables. The search runs for all columns. If multiple terms are entered, the system will search for each individual term. To search for a term with separating characters, put the term in quotation marks. The table only displays rows that contain the entered term. Click the "Close" button to remove the search field and the search.

The following buttons are located above the table:

- ▶ **Reload**: The content of the list is automatically updated when new entries are added. If this is not selected, the list is not updated.
- ▶ **Select new entry**: The most recent table entry is selected automatically.
- ▶ **Empty**: Empties the table.

Server Log

☒ Neu laden ☒ Neuen Eintrag wählen

Ziehen Sie eine Spaltenüberschrift in diesen Bereich, um nach dieser Spalte zu gruppieren

Zeitstempel	Niveau	Thread	Protokoll	Meldung
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ
26.01.2024 14:00:07.526	Error	BAC...	Driver.d1ebd6fd-e10c...	Device: Showkoffer, Invalid myGEZ

Fig. 26: Example of a server log list with the search window open and ERROR entries

5.2.2.2 Dump messages

This function shows the dump message window with incoming messages. The window contains the incoming messages, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying.

CTRL + F will display a search field. The system searches for this value in all tables. The search runs for all columns. If multiple terms are entered, the system will search for each individual term. To search for a term with separating characters, put the term in quotation marks. The table only displays rows that contain the entered term. Click the "Close" button to remove the search field and the search.

The following buttons are located above the table:

- **Reload:** The content of the list is automatically updated when new entries are added. If this is not selected, the list is not updated
- **Empty:** Empties the table.

Dump Nachrichten

☒ Neu laden

Zeit	Servernac...	Typ	Objekt ID	Objekt Name	Neuer
26.01.2024 15:12:52.916	☒	DpChangeValue	90081213-c90b-40f0-9786-78850bd4e918	Automatik	7:1 (V)
26.01.2024 15:12:49.792	☒	DpChangeValue	90081213-c90b-40f0-9786-78850bd4e918	Automatik	5:1 (Z)
26.01.2024 15:12:39.477	☒	DpChangeValue	7d0313aa-87ac-48e3-8d7d-dc49780d2d6a	MBZ_DM	2:1 (G)
26.01.2024 15:12:33.541	☒	DpChangeValue	7d0313aa-87ac-48e3-8d7d-dc49780d2d6a	MBZ_DM	2:2 (A)
26.01.2024 15:12:15.729	☒	DpChangeValue	e5992279-a923-49a7-a8eb-55352c5bbf47	IQ_BOX_KNX	5:1 (Z)
26.01.2024 15:12:11.354	☒	DpChangeValue	e5992279-a923-49a7-a8eb-55352c5bbf47	IQ_BOX_KNX	3:55 (?)
26.01.2024 15:11:43.538	☒	DbInsertOrUpdate	51d79f6b-8776-4ae5-b57c-8978ac67ddcd	Workflow	
26.01.2024 15:11:43.531	☒	DbInsertOrUpdate	51d79f6b-8776-4ae5-b57c-8978ac67ddcd	WorkflowData	
26.01.2024 15:11:43.531	☒	DbInsertOrUpdate	51d79f6b-8776-4ae5-b57c-8978ac67ddcd	WorkflowSound	
26.01.2024 15:11:43.218	☒	DpChangeValue	54aa8b81-30cd-4fdf-8748-82c8e55f4abf	DOOR	8:1 (A)

Fig. 27: Example of a dump message list

5.2.2.3 System report

Displays the system report with log entries. The content of the table can be restricted via parameters. Click "Update" to search for corresponding sentences in the database. If no search parameter has been entered, all available sentences are displayed.

Category	Origin with defaults such as client, server, configuration or custom values.
Task	Tasks like start, end, control, simulation, ... or custom values.
Search term	If the Details field contains a term and "Like" is selected, then sentences containing the indicated parameter are loaded. If there is no checkmark, the parameters must exactly match the specification.
From/to	Time frame from/to the message entries
User name	User name or server linked to the message for entries generated by the system.
Event ID	Event ID generated automatically by the system when the event occurred.
Instance ID	Instance ID generated automatically by the system, which generates the corresponding Event ID automatically from actions. Example: Starting a workflow from an event.

The system report contains the log entries, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying. The selected list can be printed or exported using the print preview button (2) or quick print button (1). The quick print button works like the print preview described.

CTRL + F will display a search field. The system searches for this value in all tables. The field "Search term" searches only in the "Details" column.

3

1 Quick print button

2 Print preview button

Fig. 28: Example system report

- 1 Quick print button
- 2 Print preview button
- 3 Update

5.2.2.4 Workflow report

Displays the workflow report. It contains entries on completed workflows (the workflow must be complete). The content of the table can be restricted via parameters. Click "Update" to search for corresponding sentences in the database. If no search parameter has been entered, all available sentences are displayed.

Data point	Specific data point that is selected from a list of available data points via a selection dialogue, or no entry.
Alarm reason	Reason for the alarm that is selected from a list of available data points, or no entry.
Workflow	Name of the workflow that is selected from a list of available workflows, or no entry.
Event ID	Event ID generated automatically by the system when the event occurred.
Priority	Priority of the message at the end of processing from / to
Event time	Event time of the message from / to
Start time	Start time for processing on a client from / to
Acknowledged	Time from/until
Completed	Time from/until

The workflow report contains the log entries, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying. The selected list can be printed or exported using the print preview button (2) or quick print button (1). The quick print button works like the print preview described.

CTRL + F will display a search field. The system searches for this value in all tables. The field "Search term" searches only in the "Details" column.

Workflow Report

Workflow Workflow Info Beschreibung

Datenpunkt Ereigniszeitpunkt von bis

Alarmgrund Beginn Bearbeitung von bis

Workflow Quittiert von bis

Event ID Abgeschlossen von bis

Priorität von bis

Aktualisieren

	Priorität	Ereigniszeitpunkt	Beginn Bearbeitung	Quittiert	Abgeschlossen	Standort	System
+	5000	14:29:40 26.01.24				myGEZE Haus	Muster_Komplett
+	4500	14:29:30 26.01.24				myGEZE Haus	Muster_Komplett
+	1000	14:29:25 26.01.24				myGEZE Haus	Muster_Komplett
+	5000	14:14:26 26.01.24				myGEZE Haus	Muster_Komplett
+	4500	14:14:08 26.01.24				myGEZE Haus	Muster_Komplett
+	1000	14:00:11 26.01.24				myGEZE Haus	Muster_Komplett
+	1000	14:00:10 26.01.24				myGEZE Haus	Muster_Komplett

Anzahl=221

Fig. 29: Example workflow report

Use "+" to open a workflow entry and display the individual log entries for the workflow.

5.2.2.5 Changing the password

This function is used to open a dialogue box that permits the current logged in operator to change their password.

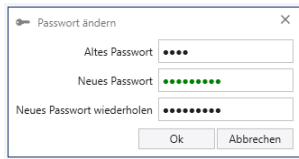


Fig. 30: Change Password dialogue box.

The operator must enter their previous, old password and the new password twice. Click the "OK" button to change the password. If the old password was not entered correctly, an error message appears. If the new passwords do not match, the function is not executed. After the entries are completed correctly, the change is completed and the message "Password changed successfully" appears.



Important note

The new password cannot be read out. Make a note of the changed password.



Note: Customise autostart processes using stored user data.

5.2.2.6 Start remote maintenance

This function opens a dialogue window to permit remote connection. This remote function can only be used if the **myGEZE Visu** computer permits remote access. The **myGEZE Visu** computer must be accessed by the supporting computer. If this is not activated, then external connection is not possible.



Note: To use this function, the **myGEZE Visu** system must have an active internet connection. Set the router, proxy server, etc. so that an internet connection can be completed.



Note: A dialogue box may open, asking you to confirm that the application is allowed to make changes to your device. Confirm this dialogue by choosing **Yes**.

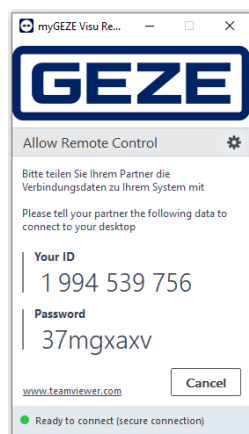


Fig. 31: Remote maintenance window

Provide the ID and password for the support employee so they can access the system. the support employee can operate and support the interface in parallel through remote access to the PC. For a support employee to provide support, they need a licensed version of the remote maintenance software TeamViewer.

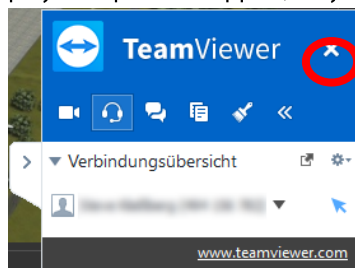


Fig. 32: TeamViewer status dialogue box

The connection can be disconnected by either side at any time. During the session, a status dialogue is displayed which can be used to end the connection.



Note: Remote maintenance can also be started directly from the configuration client via the system menu.

5.2.2.7 Help

Help is used to display the [myGEZE Visu CC](#) manual in a PDF viewer. The user manual is in the same installation directory as the [myGEZE Visu CC](#) (for example under `C:\Program Files (x86)\GEZE GmbH\myGEZE Visu\CC\210190-xx_BHB_myGEZE-Visu_DE.pdf`).

5.2.2.8 Save configuration snapshot

The current configuration is saved in the maintenance database for later evaluations.

5.2.2.9 Export master data

All	The entire master data are exported
From a date	Under Date , select a specific data from which the data is to be exported.
Export path on the server	Specification of the export path on the server.



Further information

Refer also to [Exporting master data manually](#).

5.2.2.10 About myGEZE Visu

This function displays a view with information on the installed [myGEZE Visu](#) version and user authorisations.

Fig. 33: About myGEZE Visu

5.2.3 Control bar buttons

	Undo changes (before saving).
	Activate undone changes again.
	Save the changes in the database.
	Copy the selected entries.
	Import import files (.xml) into the system.
	Script search

5.2.4 Menu

The configuration possibilities are listed sorted by topic in a structured list.



Fig. 34: Configuration options

Menu items

Name	Description
Views	Allows the individual editing of drawings.
Authorisations	Contains operator data, roles, client.
Message handling	Covers start conditions, time control, workflows and actions.
System	Contains data point types, alarm types, connections, server, icons, drivers, licensing.

5.2.5 Buttons in the configuration area

The contents of this area depend on the function selected.

5.2.5.1 Menu



Note: Which menu items are visible to which users depends on their respective permissions.

If you right-click a selected element, a menu will appear (varies depending on the program function):

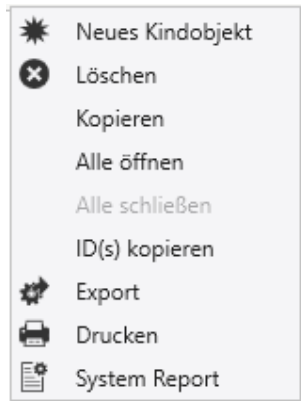


Fig. 35: Context menu in the configuration area

Menu items

Name	Description
New child object	Opens a dialogue to create a new child object hierarchically under the selected element. Note: Only possible in the tree structure.
Delete	The entries selected are deleted.
Copy	Creates a new table entry with a name combination containing "_copy of" and "name of the selected element".
Open all	Opens all sub-elements available.
Close all	Closes all sub-elements available.
Copy ID(s)	Copies the unique identification number for the entry/entries selected to the clipboard. If more than one entry is marked, the IDs are copied to the clipboard separated by commas.
Export	Export selected entries to .xml files.
Print	Print preview. Further information Logs, print .
System report	Opens the system report specifically for the selected element.
Clear up	Note: The "Clear" menu option is only visible under drawings. If a drawing contains symbols without an existing data point, the menu item is displayed.

5.2.5.2 Pencil symbol



Changes the basic data of an element.

5.2.5.3 Hierarchical table view

In myGEZE Visu CC exactly two menu items are shown as a tree structure in the configuration area:

1. Views/drawings ([chapter Drawings](#))
2. System/date point types ([chapter Data point type](#))

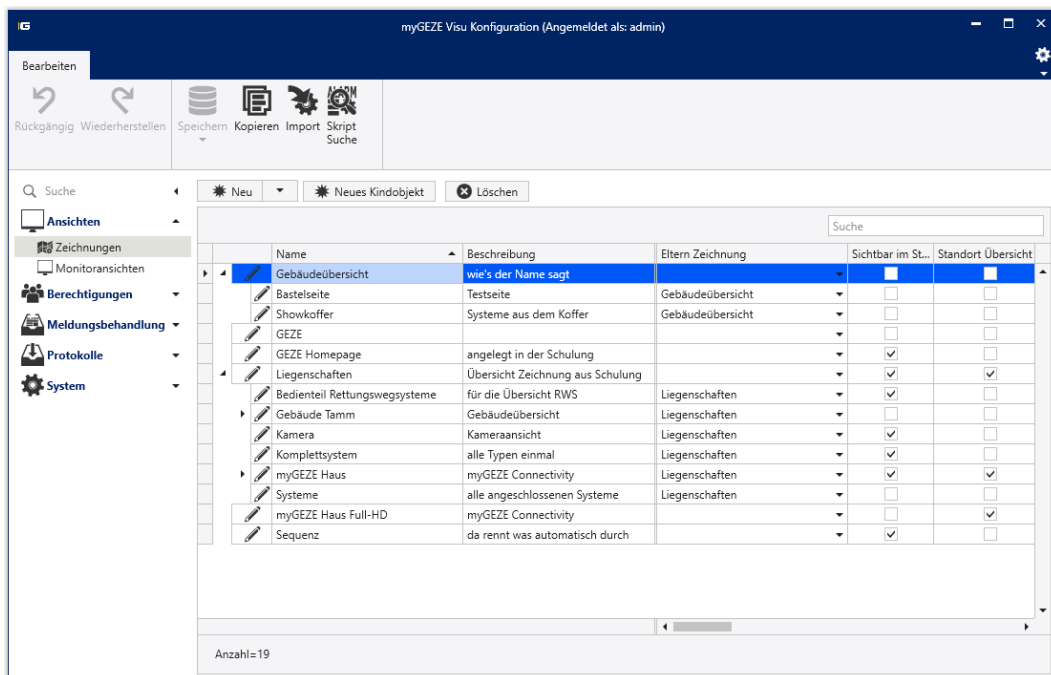


Fig. 36: Hierarchical table view

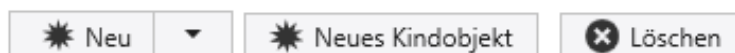


Fig. 37: Menu options table view

New	Opens a dialogue with basic data for creating a new table entry (see dialogue boxes for a description of the dialogue boxes).
New child object	Opens a dialogue to create a new child object hierarchically under the selected element. With drawings, the view can be selected in the Parent drawing column.
Delete	Delete selected entries.

In addition, various functions such as actions triggered by the left and right mouse button can be defined.

5.2.5.4 Table view

The following possibilities are available for editing entries:



Fig. 38: Edit entries table view

New

Opens a dialogue with basic data for creating a new table entry (see dialogue boxes for a description of the dialogue boxes).

Delete

Delete selected entries.

A valid entry activates the buttons for saving and undoing changes in the header. If an entry is incorrect, an error message will be outputted.

After selection of a "Save" button and entry of a comment, the new data/changes carried out are written to the database, the undo/redo function is deactivated again.

5.3 Back-up master data

5.3.1 Manual export of master data

The complete master data can be exported using the dialogue described below. For this, the master data are written to XML files on the given export path on the server.

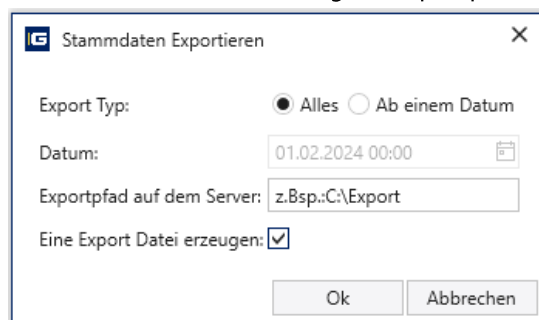


Fig. 39: Export master data.

Dialogue boxes

Name	Description
All	The entire master data are exported;
From a date	If this box is selected, you can select a specific date under Date, from which the export is to be carried out;
Export path on the server	Specification of the export path on the server;
Generate one export file	If this checkbox is activated, only one single export file is generated during export. Default: not activated.

5.3.2 Restore master data

Recommendation: To restore the master data, carry out a completely new installation of myGEZE Visu and set up a new database.



Further information

Refer also to [Installation](#).

Following successful installation, the XML files can be imported via the import button in the myGEZE Visu configuration client. Following successful import of the selected export files, the system has been restored. After the import, the system state corresponds that at the precise time the export files were created.

5.4 Menu structure

5.4.1 Views

5.4.1.1 Drawings

Drawings are included in the drawing structure. There are different types of drawings

- ▶ Drawings as location graphics with hierarchical structure and zoom possibility e.g. from location overview to location to building to floor to floor section.
- ▶ Operating devices without hierarchical structure without zoom possibility e.g. fire alarm control panel with device-appropriate design.
- ▶ Video views specifying the camera and plugin used.

5.4.1.1.1 Graphic views in myGEZE Visu

myGEZE Visu can show graphics in various formats and types.

View types:

- ▶ Graphics with dynamic symbols, texts and references.
- ▶ Video views with live video and recordings via plugins.
- ▶ Web pages.

All views are edited and updated using the myGEZE Visu configurator myGEZE Visu CC.

In order for the configuration function to be executed, the program login must have been carried out in myGEZE Visu CC by a user who has administration authorisation.

After the connected database information has been loaded, myGEZE Visu CC shows the main program functions in the left-hand screen column.

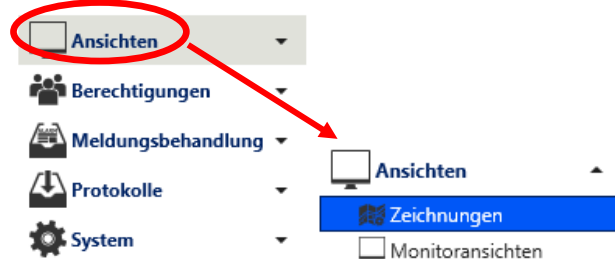


Fig. 40: 'Views' menu item

The graphic views are edited under the main menu item **Views**. After the category **Views** has been selected, the possible options (drawings) are shown.

5.4.1.1.1.1 Table views

In the right-hand area of the screen next to the main program functions, the views contained are shown in tabular form. All elements are arranged hierarchically. At first, only the elements on the top level are shown. This layout is known as structure tree, since the hierarchy “branches” off from the trunk (= top level) like with a tree. Every “branch” has a higher-order “branch”.

The table can be sorted according to all column contents, even according to the contents of several columns. Sorting is carried out according to the selected column by clicking the column header, clicking again changes the direction of sorting. After call-up, sorting is carried out according to the contents of the “Name” column.

Pressing the key combination **CTRL+F** shows a search box on the right-hand side. The search box limits the list contents to rows which contain the given search term.

An entry leads to the rows containing the character chain being displayed, if there is no match the list remains empty.

Entries can also be filtered. To do this, select filter symbols which become visible when you mouse over the column name in the column header. First a drop-down list appears with the terms available in the column and the selection options **empty** and **not empty**. After one of the possibilities has been selected, filtering takes place according to this term and a filter editing line is shown in the table footer, which offers complex options for precise filter settings.

5.4.1.1.1.2 Columns in the table views

	Name	Beschreibung	Eltern Zeichnung	Sichtbar im St...	Standort Übe...	Bedienpanel	Kamerapanel	Zoombar	URL	Hintergrund Aktion	Mandanten	Benutzer
	Gebäudeübersicht	wie's der Name sagt		☐	☐	☐	☐	☐			Alle	
	GEZE			☐	☐	☒	☐	☐	plug...		Alle	

Fig. 41: Table views



Marking for lower-level elements in terms of hierarchy. When clicked, the next level is shown and the symbol changes into an arrow pointing bottom right.



When this symbol is clicked, the data shown is hidden again.



Editing symbol. When this symbol is clicked, the editing dialogue for the selected line is opened. The editing dialogue contains the assigned view with the symbols and references contained. These can be chained in the editing dialogue. All column entries in the line can be edited directly in the line.

Columns

Name	Description
Name	Name of the entry shown in myGEZE Visu. For example in the header above the drawing. The name can be assigned individually and does not have to be identical to the name of the assigned drawing, camera or website.
Description	Explanatory text for the view. E.g. with references to the most recent editing.
Parent drawing	Higher-level element. All entries with the exception of the top level have exactly one parent drawing. You can change to the parent drawing via the myGEZE Visu jump back key . A list with the available views is offered for selection.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Location overview	Option as to whether the view is to be shown on the location overview. The standard overview can be used as a quick selection list for the most important views.
Control panel	The view is managed in the "Operating device" category. Operating devices are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer.
Camera panel	The view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins → Enter their call-up parameters in the "URL" column.
Zoomable	Option as to whether the graphic can be zoomed in and out individually. This option does not work with camera or web views.
URL	RTSP, ONVIF and DVMS cameras are set and saved via a dialogue. For this, it is no longer necessary to know the plugin parameters. Other plugin address call-ups must be taken from the respective plugin documentation.
	Note: If a myGEZE Visu-DVMS plugin URL or an RTSP URL is detected in existing drawings, the pen icon is displayed instead of the full URL. The user and the password are replaced by a placeholder and shown in the user and password box.
Background action	An action can be stored. This is carried out when the drawing is requested. For example, a check on user authorisation.
Clients	Specification of who may see the view. This enables the view only to be shown to certain operators. The default value is the client "All", which allows all operators to see the view.
User	User view parameter, can also be contained in the URL.
Password	User view parameter, can also be contained in the URL.
Last change	Date the last change was made.
ID	Unique identification number (ID) of the entry. This ID is generated uniquely across systems, so that entries can be taken over by one myGEZE Visu system from another one without any collisions. In the line's context menu (opened by right-clicking), the function Copy the ID to the clipboard is available.

5.4.1.1.2 Edit views list

All the data contained in the list can be edited directly.

5.4.1.1.2.1 Save changes



Note: Changes are not saved automatically

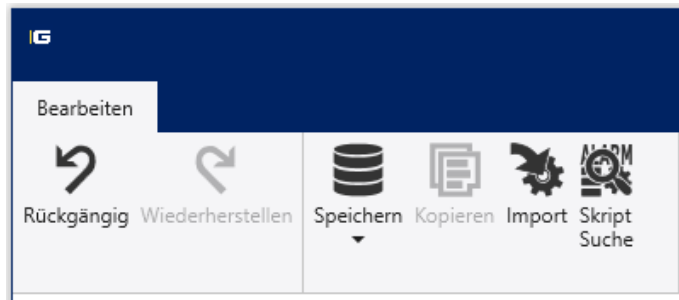


Fig. 42: Programme header

To save the changes, click the save symbol in the program header. The symbol is only active if there are non-saved changes available.

Right-clicking a selected element will make the following menu appear:

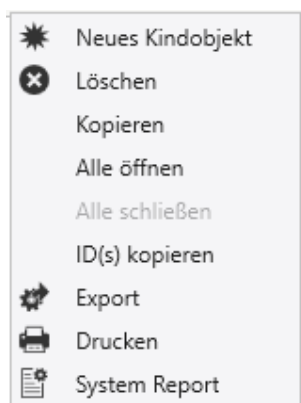


Fig. 43: Context menu

Menu items

Name	Description
New child object	Opens a dialogue to create a new child object hierarchically under the selected element.
Delete	The entries selected are deleted.
Copy	Creates a new table entry with a name combination containing "_copy of" and "name of the selected element".
Open all	Opens all sub-elements available.
Close all	Closes all sub-elements available.
Copy ID(s)	Copies the unique identification number for the entry/entries selected to the clipboard. If more than one entry is marked, the IDs are copied to the clipboard separated by commas.
Export	Export selected entries to .xml files.
Print	Print preview. Further information Logs, print.
System report	Opens the system report specifically for the selected element.
Clear up	Note: The "Clear" menu option is only visible under drawings. If a drawing contains symbols without an existing data point, the menu item is displayed.

5.4.1.1.2.2 New drawing/New view

The "New" or "New child object" buttons (hierarchical under the selected element) can be used to add a new element. A unique name and a detailed description are entered for the new element via a dialogue. Other options such as visible in the structural tree, location etc. can be activated. The dialogue is closed by clicking "OK".

The image shows a software dialog box titled "Neue Zeichnung" (New Drawing). It features a standard Windows-style title bar with a close button (X). The main area contains two text input fields: "Name:" and "Beschreibung:". Below these fields are five checkboxes with corresponding labels: "Sichtbar im Strukturbaum:" (which is checked), "Standort Übersicht:", "Bedienpanel:", "Kamerapanel:", and "Zoombar:". At the bottom right of the dialog are two buttons: "Ok" and "Abbrechen" (Cancel).

Fig. 44: New Drawing/New View dialogue box

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Location overview	Option as to whether the view is to be shown on the location overview. The standard overview can be used as a quick selection list for the most important views.
Control panel	The view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category.
Zoomable	Option as to whether the graphic can be zoomed in and out individually. This option does not work with camera or web views.

With a valid entry, the buttons for saving and undoing changes (Undo) are activated in the header. If an entry is incorrect, an error message will be outputted.

The new data/changes are written to the database by clicking the "Save" button and entering a comment. The undo/redo function is deactivated again.

If you click the downward arrow next to the "New" button, further options will appear for the creation of special drawings.

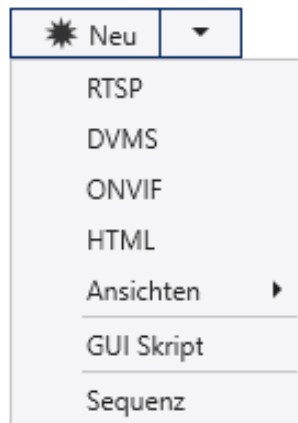


Fig. 45: 'Other Drawing Types' dialogue box

RTSP

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins. → Enter their call-up parameters in the "URL" column.
User	User of the camera.
Password	User's password.
URL	RTSP URL of the camera. Example: rtsp://<User>:<Password>@127.0.0.1:554
Add placeholder in URL	Add the placeholders <User> and password <Password>. These placeholders are replaced by the user and password entered during runtime.
Parameter	Additional parameters for the RTSP URL.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection to the camera.

DVMS

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins. → Enter their call-up parameters in the "URL" column.
IP address / host name	IP address / host name of the myGEZE Visu-DVMS server.
Port	Port of the myGEZE Visu-DVMS-Server.
Camera name	Camera name of the camera created in the myGEZE Visu-DVMS.
User	User of the camera.
Password	User's password.
URL	RTSP URL of the camera. Example: rtsp://<User>:<Password>@127.0.0.1:554
Add placeholder in URL	Add the placeholders <User> and password <Password>. These placeholders are replaced by the user and password entered during runtime.
Parameter	Additional parameters for the myGEZE Visu-DVMS plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the myGEZE Visu-DVMS server.

ONVIF

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins. → Enter their call-up parameters in the "URL" column.
ONVIF settings	Carry out the individual steps in the specified order.
Find ONVIF devices	Button for searching for ONVIF devices. The ONVIF devices are shown in the combined box underneath and can be selected there.
ONVIF user	User of the ONVIF.
ONVIF password	Password of the ONVIF user.
Call up ONVIF profiles	Button for calling up the ONVIF profiles.
Select profile	Selection of the profile.
Get available stream	Button for showing the stream available.
Select stream	Selection of the stream.
Use selected stream as URL	Button for using the selected stream as a URL.
URL	ONVIF URL
Parameter	Additional parameters for myGEZE Visu-ONVIF.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the myGEZE Visu-ONVIF device.

HTML

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
User	User of the camera.
Password	User's password.
URL	HTML URL
Add placeholder in URL	Add the placeholders <User> and password <Password>. These placeholders are replaced by the user and password entered during runtime.
Parameter	Additional parameters for the myGEZE Visu-HTML plugin.
Test	Opens a window displaying the entered values (URL, username, password, parameters) and attempts to connect to the myGEZE Visu HTML server.

VNC

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Location overview	Option as to whether the view is to be shown on the location overview. The standard overview can be used as a quick selection list for the most important views.
Control panel	The view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer.
IP address/host name	IP address/host name of the VNC server
Password	Password of the VNC user.
Port	Port where the VNC server listens for incoming connections.
Options	Stretch ► The user interface is zoomed to window size and the aspect ratio of the original source is ignored. IgnoreInput ► No keyboard and mouse events are forwarded to the remote computer.
Parameter	Additional parameters for the myGEZE Visu-HTML plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the VNC server.

Avigilon

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Location overview	Option as to whether the view is to be shown on the location overview. The standard overview can be used as a quick selection list for the most important views.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins. → Enter their call-up parameters in the "URL" column.
Camera name	Camera name of the camera created in the myGEZE Visu;
IP address/host name	IP address/host name of the Avigilon server
User	User of the camera.
Password	User's password.
Options	Secure ► Use a secure connection to the ACC server. Note: Mandatory from ACC version 7.14 onwards. WAN Use the WAN connection type for connecting the stream. Note: Set this for all plugins of the same recorder.
Parameter	Additional parameters for the myGEZE Visu-Avigilon plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the ACC.

Cayuga

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Location overview	Option as to whether the view is to be shown on the location overview. The standard overview can be used as a quick selection list for the most important views.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins. → Enter their call-up parameters in the "URL" column.
Camera name	Camera name of the camera created in the myGEZE Visu;
IP address/host name	IP address/host name of the Cayuga server
Port	Port where the Cayuga server listens for incoming connections.
User	User of the camera.
Password	User's password.
Options	
Profile	User profile to be used for login: ▶ UseNat: NAT is used for the connection. ▶ UseActiveDirectory: The Active Directory service is used for login. ▶ NoButtons: The plugin's menu bar is not displayed.
Parameter	Additional parameters for the myGEZE Visu-Cayuga plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the myGEZE Visu-Cayuga device.

Bosch video

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
Location overview	Option as to whether the view is to be shown on the location overview. The standard overview can be used as a quick selection list for the most important views.
Camera panel	If the checkbox is activated, the view is managed in the "Camera" category. Cameras are managed in separate selection lists and views. They are offered for viewing on the higher-level graphic with a separate symbol in the view footer. The representation takes place via plugins. → Enter their call-up parameters in the "URL" column.
Host URL	Host URL for the Divar, the camera, ...
Host URL load examples	▶ Onvif: Fehler! Linkreferenz ungültig. ▶ RSTP: <code>rtsp://<host>/rtsp_tunnel?h26x=4&line=1&inst=1</code> ▶ RSTP (HTTP): Fehler! Linkreferenz ungültig. ▶ Divar: <code>http://<host>[:<port>]/</code>
User	User of the camera.
Password	User's password.
Options	
Name of the camera, the input or profile	Name of the camera, the input or profile. Note: Either -camNo or -cam is required;
Number of the camera, the input or profile	Number of the camera, the input or profile. Note: Either -camNo or -cam is required;
Profile	With ONVIF the streaming profile can be selected as an option.
ProxyType	Specification of which proxy is to be used for the connection. Without this parameter, the different possibilities are tested, which can lead to a delay during the first connection. Types: VIP Systems and services that support the RCP+ protocol; ONVIF Systems and services that support the ONVIF protocol; RTSP Systems that support the stream-based RTSP protocol; DivarNetwork Divar hybrid/network systems; Divar600 DVR-4xx and DVR-6xx systems; Divar700 Divar-700 systems; DiBos DiBos devices and Bosch Recording Stations (BRS). Dvr5000 Divar 3000 and Divar 5000 DVR;

Host URL recording server	Host URL of the recording server if this deviates from the host (see Host as well).
User name for recording server	User name for recording server. Default-user.
Password for recording server	Password for recording server. Default -pwd.
Recording track	Number of the recording track if this deviates from the camera number. Default -cam.
ProxyType recording server	Specification of which proxy is to be used for the connection to the recording server.
Parameter	Additional parameters for the myGEZE Visu-Bosch video plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the myGEZE Visu-Bosch video device.

Hikvision

Name	Description
IP address / host name	IP address/host name of the Hikvision server;
Port	Port where the Hikvision server listens for incoming connections;
User	User of the camera.
Password	User's password.
Channel	Number of the IP camera channel Note: One of the two parameters, IpChannel or AnalogChannel, is required.
Aspect Ratio	Representation of the video image in the Width:Height format. Default = 16:9, any parameter "-4_3" that is present has no effect;
Playback	Possible values: Live, Pause, Play, Loop. Default = Live
NoModeToggle	The Live or Playback modes cannot be toggled on the interface.
noPtz	Even if the camera supports PTZ, PTZ control is not offered in the plugin.
Parameter	Additional parameters for the myGEZE Visu-Hikvision plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the myGEZE Visu-Cayuga device.

Cayuga

Name	Description
Name	Clear and unique name of the drawing.
Description	Description such as function, characteristics, special features.
Visible in the structure tree	Option as to whether the view is to be shown in the myGEZE Visu structure tree. If the option is not activated, you can only change to the view via program functions. Manual changeover is not possible.
IP address/host name	IP address/host name of the Cayuga server
Port	Port where the Hikvision server listens for incoming connections.
User	User of the camera.
Password	User's password.
Channel	Number of the IP camera channel Note: One of the two parameters, IpChannel or AnalogChannel, is required.
Aspect Ratio	Representation of the video image in the Width:Height format. Default = 16:9, any parameter "-4_3" that is present has no effect;
Playback	Possible values: Live, Pause, Play, Loop. Default = Live
NoModeToggle	The Live or Playback modes cannot be toggled on the interface.
noPtz	Even if the camera supports PTZ, PTZ control is not offered in the plugin.
Parameter	Additional parameters for the myGEZE Visu-Cayuga plugin.
Test	Opens a window with the values entered (URL, user, password, parameter) and tries to set up a connection with the myGEZE Visu-Cayuga device.

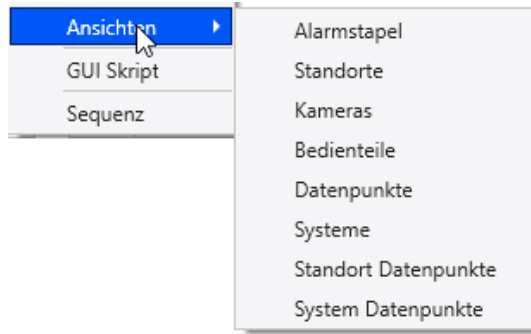
Views

Fig. 46: Views

Further views can be configured here.

If the location overview is selected, these views are shown on the myGEZE Visu-Client under locations (selection bar).



Fig. 47: Illustration of locations

Overview of views:

- ▶ Alarm stack
- ▶ Locations
- ▶ Cameras
- ▶ Operating devices
- ▶ Data points
- ▶ Systems
- ▶ Site data points
- ▶ System data point

Dialogue boxes alarm stack, locations, cameras, operating devices, data points and systems

Designation	Description
Name	Clear and unique name of the alarm stack, the locations, the cameras, the operating devices, the data points or the systems.
Description	Description such as function, characteristics, special features.

Dialogue boxes locations data points

Designation	Description
Name	Clear and unique name of the alarm stack, the locations, the cameras, the operating devices, the data points or the systems.
Description	Description such as function, characteristics, special features.

Dialogue boxes system data points

Designation	Description
Name	Clear and unique name of the alarm stack, the locations, the cameras, the operating devices, the data points or the systems.
Description	Description such as function, characteristics, special features.
System	Selection of the systems.

Adapt entry

In the table view, search for and select the entry that is to be changed. The entry can be edited. Valid changes activate the "Save" button. Clicking "Save" and commenting the change enters this in the database system.

Delete entry

In the table view, search for and select the entry that is to be deleted. The line selected is removed from the menu bar using the remove key or the "Delete" button. Removal of a line activates the "Save" button. Clicking "Save" and commenting the change enters this in the database system.

5.4.1.1.2.3 Edit view



When the editing symbol of the entry line is clicked, the editing dialogue for the selected line is opened. The editing dialogue contains existing assigned views with the symbols and references contained. The editing dialogue allows elements to be added.

The editing dialogue has two windows

- ▶ The component window with selection of the editing function.
- ▶ The drawing window.

The windows can be moved around as necessary (including to other monitors at multi-monitor workstations). The component window is above the drawing window.

The editing window can be left via the selection boxes at the bottom right in the drawing window:

- ▶ OK including takeover of the changes for saving;
- ▶ Cancel with rejection of the changes carried out;

The component window

The view background can be assigned a drawing here and the adding of elements such as symbols or reference can be initiated.

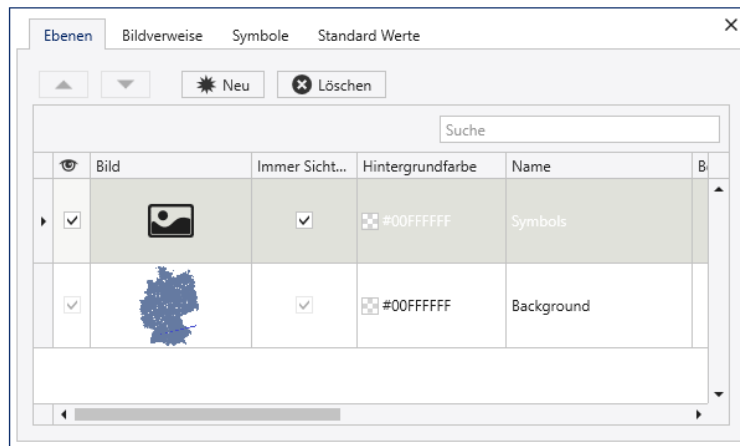


Fig. 48: The Components window

Levels	Add/change background.
Image references	Add image references in a selectable shape such as rectangle or polygon.
Symbols	Add dynamic symbols for data points.
Default values	Set symbol size, angle, client assignment, actions to left and right mouse button clicks.

Several graphics can be stored in the image area. The default background is assigned under the line with name and wallpaper.

An assigned background graphic is the prerequisite for adding symbols and image references. For this reason, the first work step is to add a background.

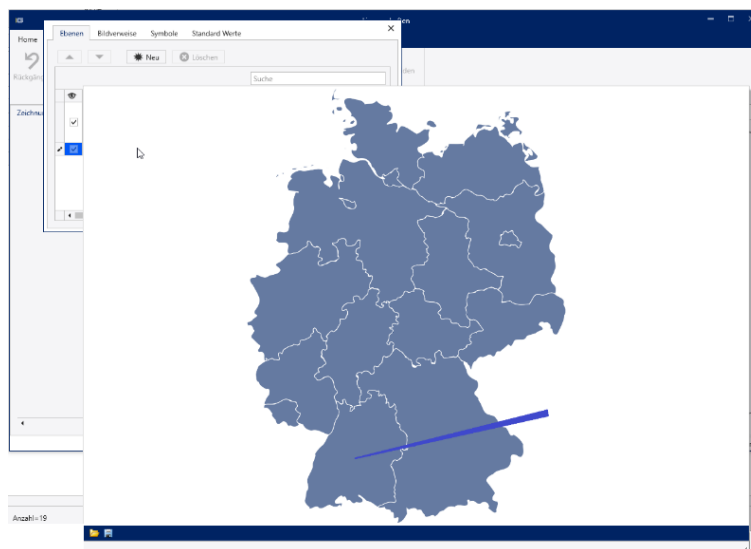


Fig. 49: Inserting a background.

To do this, select the **Background** line.

A preview window will open, which has two symbols at the bottom left:

1. A yellow file selection symbol.
2. A blue floppy disk symbol.

When the file selection symbol is selected, the file browser is opened for a background image to be selected. After an image has been selected in the supported format, a preview is shown in the selection window and the image is shown in the drawing window. Editing can now be continued in the drawing window.

The drawing window

The drawing window is the working window. Here, symbols, references, actions are placed on the background selected. All the elements can be arranged hierarchically. This is important for clicking in myGEZE Visu. For example, symbols can only be selected if they are above an image reference.

The header of the drawing window contains functions in order to adapt the layout of the symbols and the orientation and size of the symbols selected.

The drawing window can be maximised for better editing and the cropped image zoomed in the drawing window.

Mark symbols

Symbols already placed on the background can be selected by clicking with the left mouse button. Selected symbols are marked by a red frame.

The marking frame allows the size of the symbol to be changed by dragging the corner points or the symbol to be turned using a holding point positioned at the side. If the mouse cursor is above the symbol, the cursor symbol is shown as a cross, the symbol can be moved on the background when the left mouse button is kept pressed.

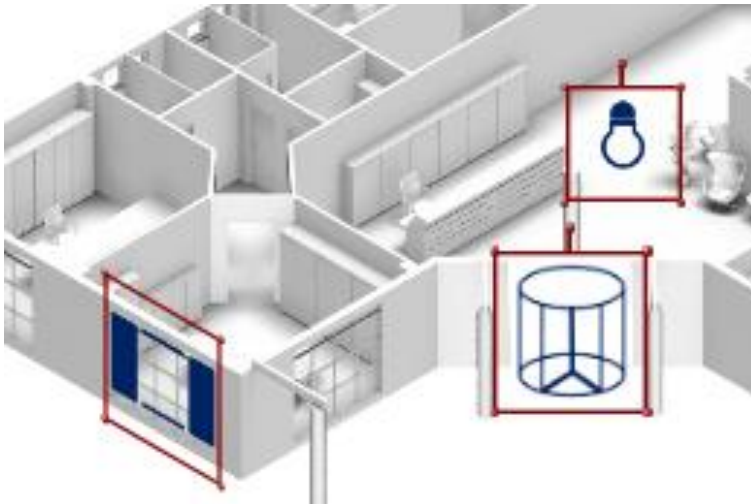


Fig. 50: Highlighted symbols.

Several symbols can be marked either by dragging an area, by moving the cursor with the left mouse button and the keyboard shift key pressed over the symbols to be selected or by clicking the symbols with the left mouse key with the shift key kept pressed.

All the selected symbols are surrounded by a red frame, only the symbol selected last has a blue frame. The symbol selected last is especially important for some functions. In the case of adapting size, it specifies the size before and when positioning the coordinates. If, for example, all the symbols are to be aligned on one line, the position of the symbol last selected determines the position of all the other symbols selected when an alignment function key is pressed. All the symbols marked can be moved, their size changed or position turned at the same time.

Drawing window buttons

There are different editing function buttons in the header which are activated or deactivated depending on the editing status. Only activated buttons can be selected. Thus an alignment of symbols is only possible when at least 2 or 3 symbols are marked.

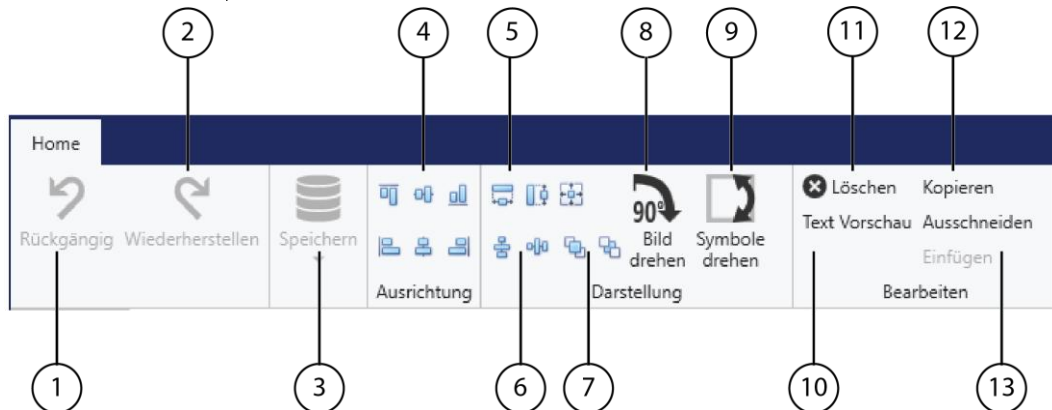


Fig. 51: Menu structure of the drawing window

1	Undo Undo the last change
2	Redo Carry out the undone change again
3	Save Save changes
4	Alignment Align objects
5	Adapt size Width, height or width and height
6	Distance Horizontal or vertical
7	Position Image in the foreground or background.
8	Turn image Turn background image by 90°. Symbols are turned with it.
9	Turn symbols Turn symbols on the image by 90°. Position remains.
10	Preview text Preview of the output text
11	Delete Delete marked symbols
12	Copy Copy marked symbols
13	Cut Cut the marked item

The footer has two selection buttons on the bottom right to complete editing:



- ▶ OK takeover of the changes for saving.
- ▶ Cancel rejection of the changes carried out.

Symbol properties

Symbols are the graphical representation of data points on drawing backgrounds. The symbols have been structured in layer technique and represent the properties of a data point by assigned layer images.

A data point can have the structure of several states. Each state can take on a value.

The symbol for an emergency exit system can show its state by switching colours:

- ▶ green for "closed",
- ▶ yellow for "technical fault",
- ▶ red for "emergency exit alarm".

If the background is to be shown in colour, a checkmark must be set next to "Use alarm type colour" in the **Editing system/symbols** menu.

For the representation to be correct, a data point must be assigned an symbol which matches in terms of structure. To support the correct assignment, symbols of the same type are offered initially for a data point. Families are types derived from one another and if **All** is selected, all symbols will appear.



Fig. 52: List of all symbols

Place new symbol

In order to place a new symbol on a graphic background, open the drawing window with the background image.

Select the **Symbols** tab in the function control window. The dialogue now contains lists with data point and matching symbols. If no matching symbol is found for the data point type, all the symbols are shown.

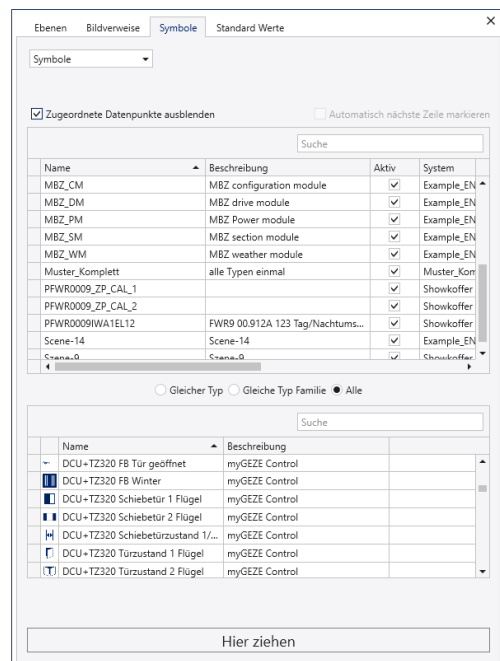


Fig. 53: Selecting symbols.

In the upper area, the data points available are listed sorted alphabetically according to name. The list can be filtered and adapted by search entries. For example, the data points of a certain system, a certain type or with certain parts of names can be displayed. Symbols matching the data point selected are shown in the second list.

An symbol can be dragged from the component window to the drawing window with the left mouse button pressed. Here, the symbol is shown in the current default size which can be adapted individually. If the left mouse button is no longer pressed, the position is at the top left-hand corner of the symbol.

In the top left-hand corner, you have a choice between different types of symbol via the selection box. Here you will find, among other things, the special data point types listed in the sub-chapter data point types e.g. static data point type, system symbol data point type, drawing symbol data point type and more. In addition, a measuring instrument symbol can be added and configured here.

Change symbol

The position and size of a positioned symbol can be changed after marking using the positioning frame. The parameters of an symbol can be changed using the symbol's context menu (right mouse button).

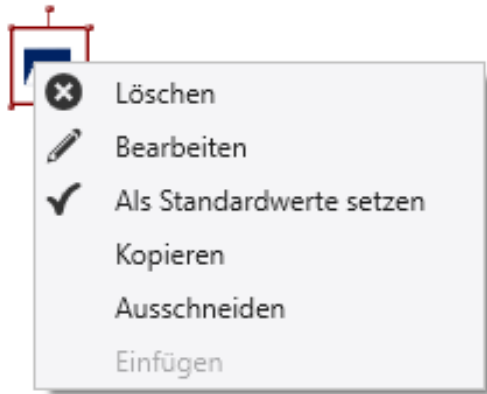


Fig. 54: 'Change icons' menu option.

Menu items

Designation	Description
Delete	Delete symbol.
Edit	Open edit dialogue.
Take over as default values	Symbol size becomes the new default size.
Copy	Copy symbol Note: The copy is in the same position.
Cut	Cut out symbol.
Paste	Paste copied or cut symbol.

Clicking **Edit** opens the dialogue in order to change the properties. This can be used to change symbol size, rotation, projection, actions at left and right mouse button, client assignment, data point assignment and the symbol itself.

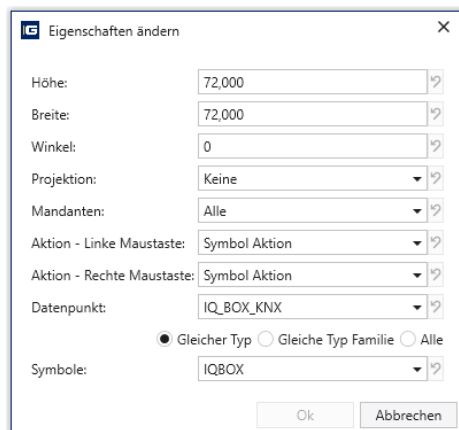


Fig. 55: Dialogue box for changing the properties.

Dialogue boxes

Designation	Description
Height	in pixels
Width	in pixels
Angle	in degrees
Projection	Possible settings: ► None ► Isometric from top ► Isometric from left ► Isometric from right Note: Isometric symbols can be mirrored by placing a minus sign before the height and/or before the width.
Clients	Selected entries
Action	Type and module
Data points	Current value, table is opened for change
Symbols	Current value, table is opened for change

After the changes have been carried out, close the dialogue with OK and select "Save" in the program header to save these to the database.

Values for several marked symbols can be changed at the same time. Depending on the symbol selection, the change dialogue contains a limited list of functions.

All lines with selection box set behind the entry to be changed are adapted for all the symbols marked.

5.4.1.2 Monitor views

The layout of the monitors connected can be set and changed under this menu item.

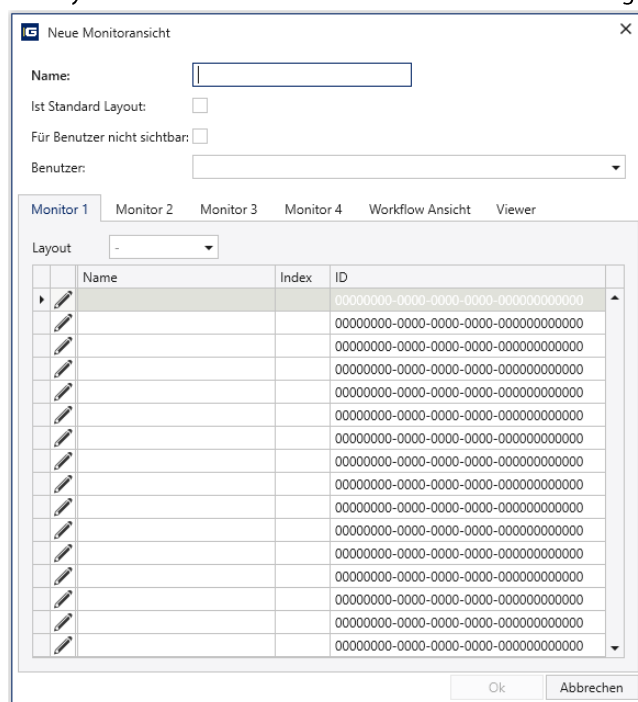


Fig. 56: Create a new monitor view.

Dialogue boxes

Designation	Description
Name	Name of the monitor view.
Is default layout	If the control box is activated, the layout is the default layout and is opened when the user is logged on.
Not visible for user	If the control box is activated, the specified layout is not displayed to the user for selection.
User	If the layout is only to be shown for a specific user, the corresponding user must be selected here.

Monitor 1 to monitor 4	The maximum number of positions for a monitor can be found under these tabs. Total of 16 pieces, as table. Note: If, for example, you assign a drawing to each position, the drawings will only be displayed in layout L16. If a different layout is selected, you will only see parts of the drawings at the respective position. Example: Layout L4: only the first four drawings are displayed.
Workflow view	See monitor 1 to 4, only the layout stored and the selected positions can be used in the workflow (script).

5.4.1.2.1 Monitor 1 to monitor 4 and workflow view

Layout: Select the monitor layout.

Columns: Once you have created a new layout, you can edit it further by clicking the pencil icon.

Column	Description
Name	Clear and unique name of the monitor view;
Description/index	Description such as function, characteristics, special features;
ID	Unique identification number;

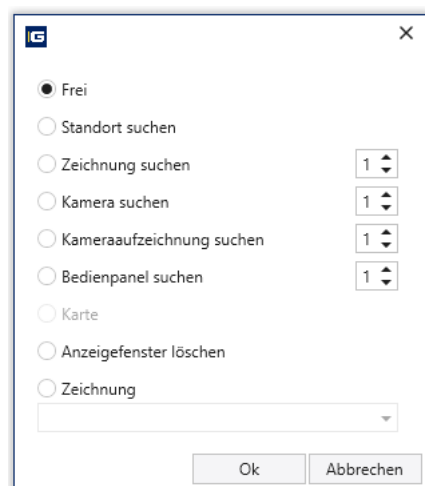


Fig. 57: Monitor views table columns.

Dialogue boxes

Designation	Description
Free	The position can be used freely.
Find location	Looks for the location containing the workflow data point.
Find drawing	Looks for the drawing containing the workflow data point. If several drawings are found, a number can be entered to specify which drawing is to be used.
Find camera	Looks for the camera containing the workflow data point. If several cameras are found, a number can be entered to specify which camera is to be used.
Find camera recording	Looks for the camera containing the workflow data point. If a camera is found, the camera recording is automatically started with the given parameters. If several cameras are found, a number can be entered to specify which camera is to be used.
Find control panel	Looks for the control panel containing the workflow data point. If several control panels are found, a number can be entered to specify which control panel is to be used.
Delete display window	All previously opened drawings, maps, cameras, control panels and locations are removed at this position again.
Drawing	Selection of a drawing at the current position.



Note: Users with administrator rights can create monitor views that cannot be overwritten by the user and are preferably loaded via the stations.

5.4.1.2.2 Tab: Viewer

Under the viewer tab, the corresponding monitor data points of the individual viewers saved are shown. It is possible here to add monitor data points for an individual viewer. If the button "Add viewer monitor" is not active, either all the possible viewer monitor data points have been added or the system does not have any viewer data points yet.



Note: The viewer should be run at least once so that the relevant data points are created via the station driver.

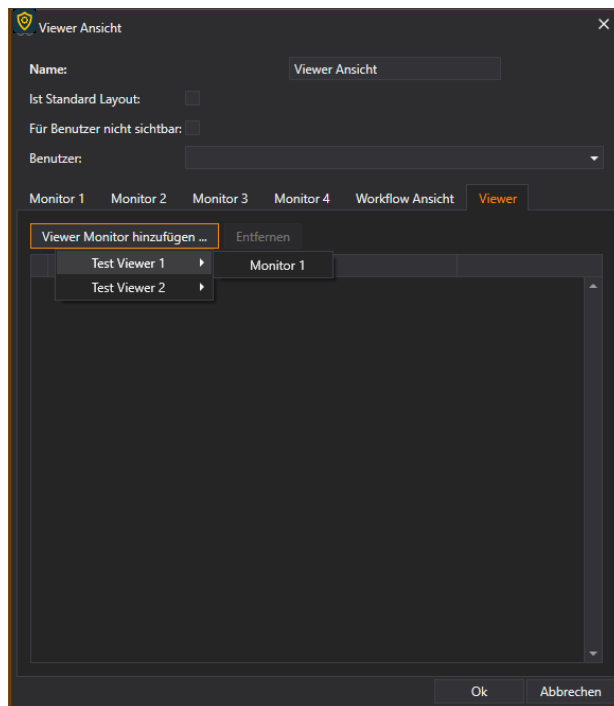


Fig. 58: Viewer view

The viewers added can be edited using the pencil symbol as described above for monitor 1 to 4 and workflow view.

5.4.2 Authorisations

The menu item Authorisations contains all the menu entries for the administration of myGEZE Visu operators, groups and clients.

5.4.2.1 Operator

myGEZE Visu is a system based on operator rights. On delivery, an administrator-operator has already been configured.

Name: admin
Default password: GEZE-1863



Note: The default password for the administrator user supplied with the system must be changed to a unique password at the start of system operation. Note the administrator-operator and their password in a safe and not generally accessible place.

Roles are assigned to the operator. Roles include authorisations. An operator can have several roles assigned. The role rights are supplemented additively.

In addition to the rights, the assignment to clients is important for the operator. Clients are used to define which information the operator can see and edit e.g. all messages from the fire alarm control panel in buildings 2, 3 and 7.

Dialogue boxes



Designation	Description
Name	Clear and unique name of the operator.
Password	Password for login.
Description	Description such as function, characteristics, special features.
Windows login name	Windows login name.
Operator group	List of operator groups.
Start action	Actions which are to be carried out following operator login.
Roles	List of the roles assigned to the operator. A list with roles and marking areas is opened when the box is selected.
Clients	List of the clients assigned to the operator. A list with clients and marking areas is opened when the box is selected.
Autostart Prio	The workflow is not started automatically up to this workflow priority. Up to then, the workflow is only in the alarm stack.
Sound Prio	No sound is outputted up to this workflow priority.
GVMS ID	Compatibility ID to the GVMS system.
Auto. Logout after (minutes)	Automatic logout of a user following inactivity.

Further table columns

Column	Description
Last change	Date the last change was made.
ID	Unique identification number.

5.4.2.2 Operator group

Operator groups provide the possibility of defining basic structures for operator rights, which can then be assigned to several operators. For example, several users with the same permissions: building services, administrators, ...

Dialogue boxes

Designation	Description
Name	Clear and unique name of the operator.
Description	Description such as function, characteristics, special features.
Roles	Roles include authorisations. An operator can have several roles assigned. The role rights are supplemented additively.
Clients	Clients control the access to data and system properties.

Further table columns

Column	Description
Last change	Date the last change was made.
ID	Unique identification number.

5.4.2.3 Roles

Roles define tasks for users. A user can have several roles assigned. On delivery, the system already has three roles (main user, user, user without control rights). The roles form a list which can be sorted according to the columns in it such as name and description combined. The number of roles is restricted to the number of list rows.

5.4.2.3.1 Role list

Rechte der selektierten Rolle kopieren ...

Name	Beschreibung	Letzte Änderung	ID
Showroom 1	angelegt in Schulung	17.01.2024 10:43:40	31c76850-e392-40b2-bb8a-07
Hauptbenutzer	Benutzer mit erweiterten Steuerrechten	17.01.2024 10:42:26	ce15828d-0c24-4da9-8aa6-62f0
Benutzer ohne Steuerrechte	Benutzer ohne Steuerrechte	10.01.2024 11:47:40	c52dc507-2d15-42ea-b102-37a3c
Benutzer	Benutzer mit Steuerrechten	01.09.2023 15:01:57	c1b84401-0970-4c37-92f9-3f968
Administrator	Benutzer mit Vollzugriff	08.12.2023 10:00:21	50a6657c-db0b-4c97-84b6-fd
-		01.09.2023 15:01:57	c8b9114a-656b-439c-83ea-34
-		01.09.2023 15:01:57	cf1d6f11-1e58-45c9-9d7a-826

Fig. 59: Role list

Columns

Column	Description
Name	Clear and unique name of the operator.
Description	Description such as function, characteristics, special features.
Last change	Date the last change was made.
ID	Unique identification number.

New entry

The number of roles is restricted to the specified number of rows in the table. To create a new role, enter name and description in an empty row in the role list. When the row is selected, the respective list of rights is shown. The right is added to the selected role by setting the activation checkmark in the selection boxes in front of the right. The entry is completed by changing to another box. When entry is complete, it is checked for validity. A valid entry activates the buttons **Save** and **Undo changes** in the header.

If an entry is incorrect, an error message will be outputted. By clicking the "Save" button, the new data are written to the database and the undo/redo function is deactivated again.

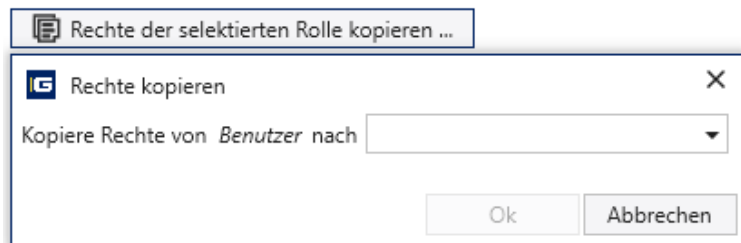


Fig. 60: Copy rights.

A new role can be created quickly using the "Copy rights of the selected role ..." button.

Adapt entry

Find and select the entry to be changed in the role list. The text boxes and rights selection boxes can be edited. Valid changes activate the "Save" button. Changes are written to the database when this is clicked.

5.4.2.3.2 Rights list

			
		Name	Beschreibung
☐		Abmelden	dae7cd8e-e7d6-45
☐		Administratorschaltung	5b965f55-bd31-476
☒		Alle	ea1205c2-2633-471
☒		Allgemeine Steuerung	2d469747-4ff6-4e7
☐		Ansicht bearbeiten	aec5da93-e096-49
☐		Beenden	39d4dc1e-cc98-48
☐		Benutzerrechte bearbeiten	a9bf6e02-1ce6-482
☒		Datenpunktübersicht	04e99177-61c1-456

Fig. 61: List of rights

Rights

Designation	Description
Logout	Right to log out from the Client.
Administrator circuit	The role describes an administrator with all rights.
All	Assign all roles.
General control	Right to carry out general control.
Edit view	Right to see the Views menu item in myGEZE Visu CC.
Permit issue	Right to issue access control permits.
End	Right to end the Client.
Edit user rights	Right to edit user/user groups/clients and roles in myGEZE Visu CC.
Data point overview	Right to display the data point overview.
Advanced alarm suppression	Right to advanced alarm suppression. If this right is not assigned, the control bar in the Client will have "None" or "Identical alarms" available under Parking. If this right is assigned to a user, there are further alarm suppressions available such as "Identical alarms of the system" and "Identical alarm types of the system". If this right has been assigned to the administrator, they have all types of alarm suppression available, including "All alarms of the system". Alarm suppression is on the control bar in the Client.
Edit graphic	Right to edit drawings in myGEZE Visu CC.
Edit calendar	Right to edit calendar in myGEZE Visu CC.
Export/import configuration	Right to allow the logged in operator to import/export configuration data from/to myGEZE Visu CC;
Edit clients	Create and assign clients (data points, drawings).
Protocols	Right to see the Protocols menu item in myGEZE Visu.
Delete sabotage/technology	Right to delete sabotage and technology states out of myGEZE Visu via control.
Simulate	Simulate messages to test system behaviour.
Edit stack in blocks	Right to acknowledge or delete several alarms at the same time in the alarm stack (prerequisite for delete: the right to delete workflow).
Edit symbols	Right to edit symbols in myGEZE Visu CC.
Edit system settings	Right to edit important configuration data in myGEZE Visu CC, refer also to the documentation on myGEZE Visu CC menu rights.
Edit table filters	Adapt and save table filters in the runtime module.

Designation	Description
Delete device	Delete device alarm.
Control video	Right to control video cameras in myGEZE Visu.
Delete workflow	Right to delete workflows from the alarm stack.
XML import	Right to import XML files.
Drawings	Right to display the locations.
Edit time programs	Right to edit the time orders.
Edit time zones	Right to edit the time zones.

5.4.2.4 Clients



Note: Client management is a licensed feature and is only available if the relevant system licence has been purchased.

Clients control the access to data and system properties. Clients only receive information that has been assigned to them.

Examples

Several companies share a management system and should only see their own data. Employees at one location should only see the data for their location. Without clients set up, all operators would see all information.

The client system is set up in several steps:

- ▶ Add client to the client list.
- ▶ Assign clients the corresponding data points, graphics, programs.

The clients form a list which can be sorted according to the columns in it such as name and description combined. The number of clients is restricted to the number of rows in the list.

Table columns:

Column	Description
Name	Clear and unique name of the client.
Description	Description such as function, characteristics, special features.
Last change	Date the last change was made.

New entry

The number of clients is restricted to the specified number of rows in the table. To create a new client, enter name and description in an empty row in the role list. When entry is complete, it is checked for validity.

A valid entry activates the buttons Save and Undo changes in the header.

If an entry is incorrect, an error message will be outputted. By clicking the "Save" button, the new data are written to the database and the undo/redo function is deactivated again.

Adapt entry:

Find and select the entry to be changed in the client list. The text boxes and rights selection boxes can be edited. Valid changes activate the "Save" button. Changes are written to the database when this is clicked

5.4.3 Message handling

The Message handling menu item lists all the menu entries for the administration and display of incoming events and messages for the product groups created.

5.4.3.1 Event information

The event information is a summary of contacts, documents and service teams that are relevant when an event occurs at a system, data point or product group.

Columns

Column	Description
Name	Clear and unique name of the event.
Description	Detailed description of the event.
External system ID	Can be used freely.
User-defined 1 (up to 10)	Freely usable boxes.
Last change	Date the last change was made.
ID	Unique identification number.

Menu bar



Fig. 62: Event Information menu bar

Information about a new event can be created via the dialogue which appears after the "New" button has been pressed, and can be removed again through the "Delete" button. Existing event information can be edited via the pencil symbol. The following tabs are available:

- ▶ Information
- ▶ Customer
- ▶ Assignments
- ▶ Contacts
- ▶ Documents
- ▶ Monitor views
- ▶ Sound

5.4.3.1.1 Information

Dialogue boxes

Designation	Description
Name	Clear and unique name of the event.
Description	Detailed description of the event.
External system ID	Can be used freely.
Clients	Clients control the access to data and system properties. Clients only receive information that has been assigned to them.
Customer	Here, a customer can be selected that has been created with corresponding contact data under the Customers menu item.
User-defined 1 (up to 10)	Freely usable boxes.

5.4.3.1.2 Customer

Dialogue boxes

Designation	Description
Name 1	Name 1
Name 2	Name 2
Street	Street
Postcode	Postcode
Location	Location
External system ID	Can be used freely.
Article number	Optional box for the ID number of a ComXLineAE.
Document	Selection of a document.
GUI script	Selection of a GUI script.
Match code	Match code
Code	Code

Contact Person tab: The contacts are available in the Contact Person tab.

Custom tab: Fields for custom entries. For labelling see chapter "[Global settings](#)".

5.4.3.1.3 Assignments

Under Assignments you can see which systems, data points and systems/product groups the selected event is assigned to.

The **plus key** can be used to assign a corresponding system, data point or system/product group to the event selected. The **minus key** can be used to cancel the assignment of the selected event to a system, data point or system/product group.

- ▶ System
- ▶ Data points
- ▶ System/product groups

System

Designation	Description
Name	Clear and unique name of the system.
Description	Detailed description of the system.
GVMS address available	Marks drivers that use the GVMS address box for assignment of the data points from the system address.
Time synchronisation	Time synchronisation between system and the myGEZE Visu server.
Phys. Address	Address (also 2-level in format x:y) addressing.
System type	Is used for showing whether it is a system type. System types are delivered by the manufacturer and cannot be edited.
Not visible in OPC	If enabled: The entire system is analysed/displayed in the OPC myGEZE Visu driver.
Clients	Clients control the access to data and system properties. Clients only receive information that has been assigned to them.
Last change	Date the last change was made.
ID	Unique identification number.

Data points

Designation	Description
Name	Clear and unique name of the data point.
Description	Detailed description of the data point.
Active	If "set", then used If "not set", then not used
System	Display of the system.
Data point type	Display of the data point type.
GVMS address available	Marks drivers that use the GVMS address box for assignment of the data points from the system address.
Phys. Address	Address (also 2-level in format x:y) addressing. Example of 2-level address ESSER fire alarm control panel with first value group number, second value detector number 4:5 = Group 4 Detector 5
Clients	Clients control the access to data and system properties. Clients only receive information that has been assigned to them.
Systems/product groups	Display from the systems/product groups created. Can be used for filtering in the myGEZE Visu-Client.
ID	Unique identification number.

System/product groups

Designation	Description
Name	Clear and unique name of the system/product group.
Description	Detailed description of the system/product group.
Auto theme	Automatic adaptation to the theme set.
ID	Unique identification number.

5.4.3.1.4 Contacts

A contact can be added or removed from the event information.

Dialogue boxes

Designation	Description
Contact	Selection of existing contacts.
Alarm type	Display of the alarm type used.
Alarm reason	Display of the reason for the alarm used.
External system ID	Can be used freely; here entry for email dispatch.

Further table columns

Designation	Description
Name	Clear and unique name for the contact;
Position	Position within the company;
Location	Location
Telephone	Telephone number
Mobile	Mobile phone number
Email	Email address
User-defined 1 (up to 10)	Freely usable boxes

5.4.3.1.5 Documents

A document can be added or removed from the event information.

Dialogue boxes

Designation	Description
Document	Selection of existing documents.
Alarm type	Display of the alarm type used.
Alarm reason	Display of the reason for the alarm used.
External system ID	Can be used freely.

Further table columns

Designation	Description
Name	Clear and unique name of the document.
Description	Detailed description of the document.
Doc. Third-party sys. ID	External system ID of the document.
Mode	Selection of the type of rich text module: Simple → simple text Rich → WYSIWYG editor

5.4.3.1.6 Monitor views

A monitor view can be added or removed from the event information.

Dialogue boxes

Designation	Description
Views	Selection of existing monitor views;
Alarm type	Display of the alarm type used;
Alarm reason	Display of the reason for the alarm used;
External system ID	Can be used freely;

Further table columns

Designation	Description
Monitor view	Name of the monitor view;

5.4.3.1.7 Sound

A sound can be added or removed from the event information.

Dialogue boxes:

Designation	Description
Sound	Selection of existing sounds.
Alarm type	Display of the alarm type used.
Alarm reason	Display of the reason for the alarm used.
External system ID	Can be used freely.

Further table columns

Designation	Description
Name	Name of the monitor view.
Sound file	Selected sound file, can be played by clicking the "Play" button.

5.4.3.2 Conditions

A condition is a specification of filters for incoming events or messages which start a selected workflow/action after evaluation.

Dialogue boxes

Designation	Description
Basic data	
Name	Clear and unique name of the conditions.
Description	Detailed descriptions of the conditions.
Position	Position in the alarm stack of an alarm type "1" top position. If several conditions apply, the position is used to determine which condition is executed.
Active	If set, then used If not set, then not used
No alarm repeat	Active: Recurring notifications are only displayed once.
Always execute	Condition should always be executed. Note: If this action is enabled, the position will be ignored.
Measure	
Workflow	Selection of a workflow that should be started. If a workflow is selected, further script parameters can be entered via "...".
Priority	Priority in the alarm stack, the larger the higher the priority;
Processed by	Selection - General ▶ Workflow is available in the complete system. - Station ▶ Selection of the station at which the workflow is to be shown. - Operator ▶ Selection of the operator for whom the workflow is to be shown. - Operator group ▶ Selection of the operator group for which the workflow is to be shown. - Roles ▶ Selection of the role for which the workflow is to be shown.
Action	Selection of an action that should be started. If an action is selected, further action parameters can be entered via "...".
Place of execution	Selection - Server ▶ Selection of the server at which the workflow is to be shown. - Station ▶ Selection of the station at which the workflow is to be shown. Note: Only visible when an action is selected.
When	
Precondition	Selection of an existing precondition.
Time range	Time range during which the condition is active.
Location	-

Change in state/event with/from	
Alarm type	Selection of existing alarm types;
Alarm reason	Selection of an alarm reason due to which the workflow/action is started.
With A. priority	If the alarm reason has the same priority: If the alarm reason has the same priority as that specified here, the workflow is initiated.
With A. trigger workflow	Trigger workflow when alarm reason occurs: If the 'Trigger workflow' option is enabled for the alarm reason, the workflow is started.
With A. display	If an alarm reason is specified: If an alarm reason is associated with the message, the workflow is initiated.
With A. significant change	If the alarm reason is a significant change: If the alarm reason includes the option 'significant change', the workflow is initiated.
With A. maintenance	If the alarm reason is 'Maintenance': If the alarm reason has the option 'A. Maintenance', the workflow is initiated.
With A. statistics	If the alarm reason is 'Statistics': If the alarm reason includes the option 'A. Statistics', the workflow is initiated.
With A. OffNormal	If the alarm reason is 'OffNormal': If the alarm reason is set to 'OffNormal', the workflow is initiated.
Location	Selection of a location at which the workflow/action is started.
Driver type	Selection of driver types.
Driver	Name of the driver
Data point type	Selection of a data point type at which the workflow/action is started.
System type	Selection from the system types created.
System	Selection of a system on which the workflow/action is started.
Data point type	Selection of a data point type at which the workflow/action is started.
Integrate child data point types	Selection of whether child data point types should be integrated.
Data point	Selection of a data point at which the workflow/action is started.
Address	Address of the data point property at which the workflow/action is started.
Value (expression)	Value of the data point property at which the workflow/action is started.

Further table columns

Column	Description
Last change	Date the last change was made.

5.4.3.3 Time orders

Time orders can be defined under this menu item. Different orders can be defined in terms of time using time orders. The GUI mode is recommended for the user-friendly setting of a time order.

Dialogue boxes

Designation	Description
Name	Clear and unique name.
Description	Detailed description of the job order.
Actions	Selection of created actions that are to be carried out.
Cron format	Depends on mode ► GUI: used for displaying the Cron format created, cannot be written over. ► Expert: manual entry of the Cron format, can be written over;
Active	If set, then used If not set, then not used
Mode	Selection of the predefined mode ► GUI: The Cron format is set via a user interface. ► Note: The Cron format must be entered manually in the Cron format field.

5.4.3.4 Text modules

General simple texts that can be used in the workflow.

Dialogue boxes

Designation	Description
Name	Clear and unique name of the text modules;
External system ID	Can be used freely;
Text	Actual text for the text module;

Further table columns

Designation	Description
Last change	Date the last change was made;
ID	Unique identification number;

Text modules are not only simple texts. For more freedom, they can be provided with parameters.

A text line in the text module is a line in the workflow, e.g.

Text line in the text module	Display in the workflow
Hello	Hello
[O]Hello	☐ Hello
[O]Hello[!]	☐ Hello
[O]Hello[!!]	☐ Hello
Hello[fontsize:16]	Hello
[!!!]Call emergency coordinator #N	Call emergency coordinator Mr Smith at +49 7123/2030
Hello [QUESTION]	Hello 
Colour green [FG:#00FF00]	Colour green

"#" parameters are another method of central data maintenance. They can be used to maintain contact data centrally. If contact data change, not all measures texts have to be adapted.

Possible text placeholders

[!]	Text in bold type
[!!]	Text in red bold type
[!!!]	Text in red bold type and flashing
[FLASH]	Sets a text line to flashing
[FONTSIZE:16]	Sets font size to 16, the default value is 12
[FORE-GROUND][FG:#ARGB]	Set font colour to RGB or ARGB hexadecimal value. If there is nothing specified, the text colour of the layout is used. Example: [FG:#00FF00] sets the text colour to green (0,255,0)
[N]	Yes/no buttons. No is preset.
[NAME:Test]	Sets the name of the line to the specified value; this means the line contents and state of the switching elements can be queried, e.g. case "ToDoList1.Test": if // Query Test
[O]	Set checkbox at the beginning of the line.
[SYMBOLNAME]	Adds a symbol, see Annex 1.
[X]	Checkbox placed at the beginning of the line, marked is preset
[Y]	Yes/no buttons. Yes is preset.
[YN]	Yes/no buttons.

Examples

Font size 18 [FONTSIZE:18]

Colour green [FG:#00FF00]

[O]Team leader #T [Y]

Line flashes red in size 32 [!!!] [FONTSIZE:32]

5.4.3.5 Documents

General simple or more complex texts that can be used in the workflow script.

Dialogue boxes

Designation	Description
Name	Clear and unique name of the documents.
Description	Detailed description of the document.
External system ID	Can be used freely.
Mode	Selection of the type of rich text module ▶ Simple → simple text entry ▶ Rich → entry using WYSIWYG editor

Further table columns

Designation	Description
Last change	Date the last change was made.
ID	Unique identification number.

Possible text placeholders for simple

[!]	Text in bold type
[!!]	Text in red bold type
[!!!]	Text in red bold type and flashing
[FLASH]	Sets a text line to flashing
[FONTSIZE:16]	Sets font size to 16, the default value is 12
[FORE-GROUND][FG:#ARGB]	Set font colour to RGB or ARGB hexadecimal value. If there is nothing specified, the text colour of the layout is used. Example: [FG:#00FF00] sets the text colour to green (0,255,0)
[N]	Yes/no buttons. No is preset.
[NAME:Test]	Sets the name of the line to the specified value; this means the line contents and state of the switching elements can be queried, e.g. case "ToDoList1.Test": if // Query Test
[O]	Set checkbox at the beginning of the line.
[SYMBOLNAME]	Adds a symbol, see Annex 1.
[X]	Checkbox placed at the beginning of the line, marked is preset
[Y]	Yes/no buttons. Yes is preset.
[YN]	Yes/no buttons.

Examples

Font size 18 [FONTSIZE:18]

Colour green [FG:#00FF00]

[O]Team leader #T [Y]

Line flashes red in size 32 [!!!] [FONTSIZE:32]

5.4.3.6 Sound

Sounds for the notification of workflows can be configured under this menu item.

Dialogue boxes

Designation	Description
Name	Clear and unique name.
Sound file	 Upload sound files in wav or mp3 format with a max. size of 512 kB.  Play the sound file.

Further table columns

Designation	Description
System type	Is used for showing whether it is a system type. System types are delivered by the manufacturer and cannot be edited.
Last change	Date the last change was made;
ID	Unique identification number;

5.4.3.7 Contacts

Contact persons with their contact data can be created here. The contact can be used at different points in myGEZE Visu CC e.g. message handling/customers, scripts and more.

Dialogue boxes

Designation	Description
Name	Clear and unique name for the contact.
Position	Position within the company.
Location	Location
Telephone	Telephone number
Mobile	Mobile phone number
Email	Email address
User-defined 1 (up to 10)	Freely usable boxes.

Further table columns

Designation	Description
Last change	Date the last change was made.
ID	Unique identification number.

5.4.3.8 Customers

Customers with their contact data can be created here. The customer data can be used at different points in myGEZE Visu CC e.g. scripts and more.

Dialogue boxes

Designation	Description
Name 1	Name 1
Name 2	Name 2
Street	Street
Postcode	Postcode
Location	Location
External system ID	Can be used freely;
Article number	Optional box for the ID number of a ComXLineAE;
Document	Selection of a document;
GUI script	Selection of a GUI script
Match code	Match code
Code	Code
Routine call monitoring	Optional box for a routine call of a ComXLineAE;
Routine call monitoring time	Optional box for the routine call time of a ComXLineAE;

Contact Person tab: The contacts are available in the Contact Person tab.

Custom tab: Fields for custom entries.

Further table columns

Designation	Description
Last change	Date the last change was made.
ID	Unique identification number.

5.4.4 Protocols

5.4.4.1 Workflow report

The workflow report, which contains entries on completed workflows (the workflow must have been concluded) is displayed under this menu item.

The content of the table can be restricted via parameters. Select the "Refresh" button to search for corresponding sentences in the database. If no parameter has been entered, all available sentences are displayed.

Dialogue boxes

Field	Description
Data point	Specific data point that is selected from a list of available data points via a selection dialogue, or no entry.
Alarm reason	Reason for the alarm that is selected from a list of available data points, or no entry.
Workflow	Name of the workflow that is selected from a list of available workflows, or no entry.
Event ID	Unique ID of the event for tracking.
Priority	Priority of the message at the end of processing from/to.
Event time	Event time of the message from/to.
Start of processing	Start time for processing on a client from/to.
Acknowledged	Time from/to.
Completed	Time from/to.

The workflow report contains the log entries, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying. The list selected can be printed or exported using the print preview button or quick print button. The quick print button works like the print preview described.

CTRL + F will display a search field. The system searches for this value in all tables. The field "Search term" searches only in the "Details" column.

Workflow Workflow Info Beschreibung

Datenpunkt Ereigniszeitpunkt von bis

Alarmgrund Beginn Bearbeitung von bis

Workflow Quittiert von bis

Event ID Abgeschlossen von bis

Priorität von bis

Aktualisieren

	Priorität	Ereigniszeitpunkt	Beginn Bearbeitung	Quittiert	Abgeschlossen	Standort	System	Datenpunkt	Phys. Adresse
+	50	08:40:51 02.02.24	08:41:44 02.02.24	08:42:14 02.02.24	08:42:14 02.02.24	myGEZE Haus	Muster_Komplett	Rettungswegsystem	TZ320 1
-	3000	07:52:49 02.02.24				Liegenschaften	Showkoffer	Showkoffer	
-	200	07:52:43 02.02.24				Liegenschaften	Showkoffer	Showkoffer	
-	1000	07:39:53 02.02.24				Liegenschaften	Muster_Komplett	MBZ_CM	MBZ.CM 10
-	1000	07:39:47 02.02.24				myGEZE Haus	Muster_Komplett	Kombination	DCU+TZ320 3
-	1000	07:39:44 02.02.24				myGEZE Haus	Muster_Komplett	Rettungswegsystem	TZ320 1
-	1000	07:39:44 02.02.24				Liegenschaften	Muster_Komplett	MBZ_CM	MBZ.CM 10
-	200	07:40:53 01.02.24				Liegenschaften	Showkoffer	Showkoffer	
-	200	07:40:51 01.02.24				Liegenschaften	Muster_Komplett	Muster_Komplett	
-	3000	16:38:05 31.01.24				Liegenschaften	Showkoffer	Showkoffer	

Fig. 63: Example workflow report

Use “+” to open a workflow entry and display the individual log entries for the workflow.

The workflow report can also be opened via the myGEZE Visu system menu.

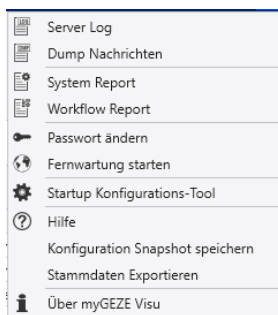


Fig. 64: myGEZE Visu system menu

5.4.4.2 System report

Under this menu item, the system report is shown with log entries.

The content of the table can be restricted via parameters. Select the refresh button (3) to search for corresponding sentences in the database. If no search parameter has been entered, all available sentences are displayed.

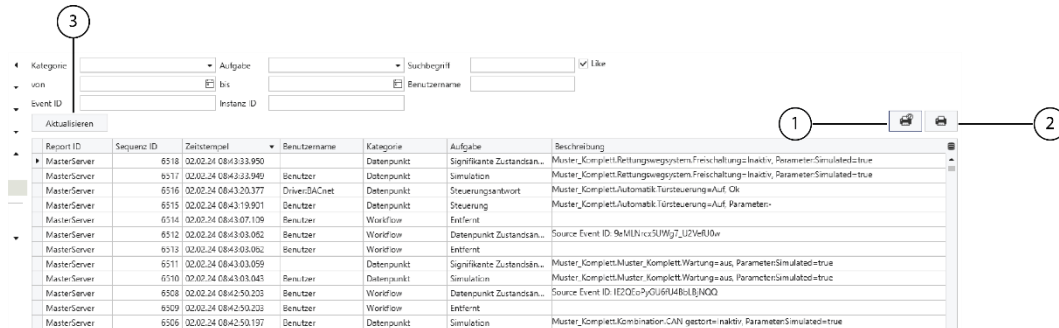


Fig. 65: Example system report

- ① Quick print button
- ② Print preview button
- ③ Update

Dialogue boxes

Designation	Description
Category	Origin with defaults such as client, server, configuration or custom values.
From/to	Time frame from/to the message entries.
Event ID	Unique ID of the event for tracking.
Task	Tasks such as start, end, control, simulation and others, or custom values.
Instance ID	Unique ID used for tracking started scripts and controls that are triggered through the event.
Search term	If the Details box contains a term and "Like" is selected, then sentences containing the specified parameter are loaded. If there is no checkmark, the parameters must exactly match the specification.
User name	User name or server linked to the entries generated by the system.

The system report contains the log entries, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying.

The selected list can be printed or exported using the print preview button (2) or quick print button (1). The quick print button works like the print preview described.

CTRL + F will display a search field. The system searches for this value in all tables. The field "Search term" searches only in the "Details" column. The system report can also be opened via the myGEZE Visu system menu.

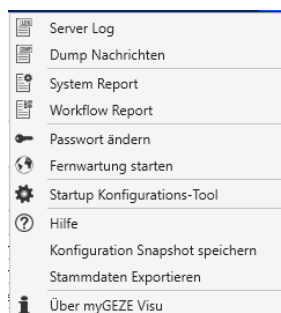


Fig. 66: myGEZE Visu system menu

5.4.4.3 Server log

This function displays the server log window with system signals. The content of the server log depends on the log level settings for the individual drivers. The default is to output message for the "Error" level. The window contains the server log entries, sorted in descending chronological order. The newest message is at the top. The output can be sorted by columns, filtered and entries can be marked for copying. CTRL + F will display a search field. The system searches for this value in all tables. The search runs for all columns. If multiple terms are entered, the system will search for each individual term. To search for a term with separating characters, put the term in quotation marks. The table only displays rows that contain the entered term. Click the "Close" button to remove the search field and the search.

The following buttons are located above the table:

- ▶ **Reload:** The content of the list is automatically updated when new entries are added. If this is not selected, the list is not updated.
- ▶ **Select new entry:** The most recent table entry is selected automatically.
- ▶ **Empty:** Empties the table.

Zeitstempel	Niveau	Thread	Protokoll	Meldung
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.548	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.547	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE
26.01.2024 14:00:07.526	Error	BAC...	Driver.d1ebd6fd-e10c-...	Device: Showkoffer, Invalid myGEZE

Fig. 67: Example of a server log list with the search window open and ERROR entries

The server log can also be opened via the myGEZE Visu system menu.

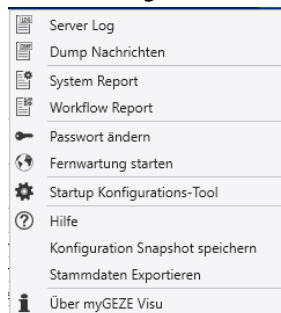


Fig. 68: myGEZE Visu system menu

5.4.4.4 Print

Quick print

The current content of the program main window is sent to the assigned default printer. myGEZE Visu automatically sets the print alignment. This is dependent on the window alignment.

If the program main window contains multiple sub-windows, for example when showing a workflow with a text area and graphics, then each sub-window is printed on a separate page.

The individual pages contain a header with the print name and a footer with the print date and the name of the logged in user.

Print preview

Under this menu item, a dialogue is opened before printing which what the printout is expected to look like. Print settings such as printer assignment or output target can be set individually using the header or printout. This allows data in a table, for example, to be exported to a specified selected form such as Excel.

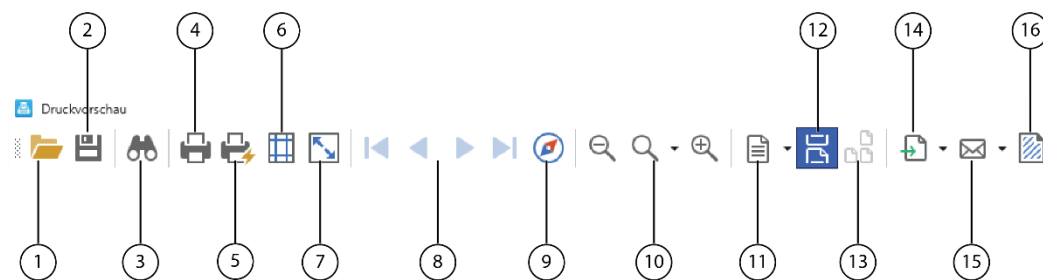


Fig. 69: Print preview menu

The printout can be influenced using the print preview menu:

- 1 Open a saved printout in .prnx format
- 2 Save a printout in .prnx format
- 3 Search for a term in the printout. Jumps to the page with the search term in a printout with multiple pages.
- 4 Quick print to the default printer with default settings.
- 5 Select a printer from the list of configured printers and adapt the printer settings.
- 6 Page setup: This allows you to adjust the document's page settings.
- 7 Scaling: Enlarging or reducing the contents of the document to a percentage of its actual size.
- 8 Scroll forward/back or jump to the beginning/end of multi-page printout.
- 9 Shows the navigation area in which you can search for certain text and navigate through the document.
- 10 Make the printout area window larger/smaller.
- 11 Page display
- 12 Allows the user to scroll continuously between the pages in a one or two-page view.
- 13 Opens a miniature view that you can use to navigate through the document.
- 14 Export the document to the format selected in the context menu.
- 15 Send the document as an email in the selected format. The format can be selected from a list that opens when the triangle next to the function icon is clicked. Dialogue boxes will then appear to set the required values, such as the file name and path, address.
- 16 This allows a watermark to be defined behind the page content.

5.4.5 System

All the menu items for the administration of the connected product groups are located here. In addition, internal myGEZE Visu functions can be configured and set up here. All system-related definitions such as data point type, symbols, alarm types are also located here.

5.4.5.1 Connections

The product groups connected and their data are managed here. The screen contains the following tabs: **Drivers, System and data points**. The hierarchical structure always results in a configuration sequence. First of all, a driver has to be set up in the **System/connection** selection. Assign at least one system to the driver. Create data points for the system. There are various possibilities for doing this:

1. Data points are configured manually.
2. A configuration file with data points is read in.
3. A connected system can be queried and the configured data points are read out.
4. The data points of a connected system are updated automatically.

All data points in a system form a list that can be sorted according to columns such as name, address, data point type combined.

5.4.5.1.1 BACnet driver

The BACnet driver connects to BACnet capable devices via BACnet IP protocol.

The connection to the device is monitored by the driver. In the event of failure, a fault message appears in the myGEZE Visu.

The BACnet network configuration can be opened in myGEZE Visu CC under Systems/Connections/BACnet driver. For this, the configuration client must be started on the computer on which BACstac is installed. After installation, the driver type "BACnet driver" is available for the driver system.

Driver dialogue boxes

Designation	Description
Name	Clear and unique name of the driver.
Description	Detailed description of the driver.
Driver type	Selection of the driver types created; generates a suitable command line-parameter entry.

Further driver table columns

Designation	Description
Redundant driver for	Data for redundant systems, if activated then no system/data point specification is required.
Phys. Address	Interface description text, e.g. Com (2);
Autostart	Yes: Drivers of this type are started automatically by the myGEZE Visu Server and restarted automatically if they crash. No: The driver must be started manually, e.g. if it is running on a different computer.
Command line-parameter	Driver-specific information such as start parameters, passwords etc. can be entered in this text box.
Password	Password for driver.
Status query timeout	Maximum waiting time for status queries. If this is exceeded, an error message is generated and logged.
Start time overwriting	Maximum waiting time for connection setup. If this is exceeded, an error message is generated and logged.
Driver type	Selection from the driver types created.
Active	If set, then used If not set, then not used.
Clients	Details of the clients for whom the driver is visible.
Log level	Selection of the depth of the driver log. Possible values: ▶ Fatal show fatal errors ▶ Error error messages are logged ▶ Debug log debug and higher messages ▶ Warn log warnings and higher messages ▶ Info log info and higher-value messages ▶ All log all messages ▶ Off do not log any messages
Last change	Date the last change was made.
ID	Unique identification number.

5.4.5.2 Driver settings

The driver provides a separate settings window for the parameters required. This is opened using the pencil symbol in the "Settings" column.

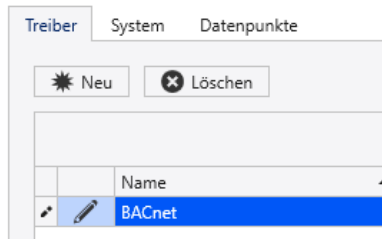


Fig. 70: Driver settings

The BACnet driver settings dialogue contains the following input boxes:

Designation	Contents
Name	BACnet
Description	Free text box for a description. Has no function.
Driver type	BACnet driver (fix)

Designation	Contents	Description	Default value
Own BACnet system	Service Point Uri	URI, which specifies the BACstac service with which the instance of the service point class should connect. Set empty as default.	Default value: empty
	Port Id	The identifier for the port within the BACstat service. Default value 0, which means that connection is to the first physical port.	Default value: 0
	Device instance number	Device instance number of the driver's BACnet device.	Default value: 2021
	Server Tsm Pool Size	The pool size determines the maximum number of incoming confirmed queries that the application can execute at the same time.	Default value: 150
	Client Tsm Pool Size	The pool size determines the maximum number of queued confirmed client queries.	Default value: 150

Designation	Contents	Description	Default value
Network discovery	Broadcast	Possible values: "Global", "Local", "Fixed network number" ▶ Global: to all devices on all networks in a BACnet internet network; ▶ Local: to all devices in the directly connected network; ▶ Fix Network number: fixed network number	Default value: Global
	Network Number		Default value: 0

Designation	Contents	Description	Default value
ADPU	Max ADPU Length	The maximum number of 8-byte bits that may be contained in one single non-divisible data unit of the application layer protocol. It is usually defined through the capabilities of the remote device and/or the types of LANs on the path to the remote device.	Default value: 1476
	ADPU time-out	The time in milliseconds between repeated transmissions of an ADPU that must be acknowledged, for which no acknowledgement has been received.	Default value: 6000
	Max retries	The maximum number of times an ADPU should be sent again if the timeout for an ADPU that has to be acknowledged has elapsed without acknowledgement being received.	Default value: 3
	Segmentation	Specifies whether the device supports segmentation for the transmission, reception or both.	Default value: Both Possible values: "Both", "Transmit", "Receive", "None"
	Max Segments Accepted	The time in milliseconds between the repeated transmission of an ADPU segment if no acknowledgement has been received.	Default value: 32
	Window Size	The suggested size of a segmented message window for a client request or the maximum permissible value for the actual window size with a server display.	Default value: 32
	Segment Timeout	Defines ADPU segment timeout, which specifies the time in milliseconds between the repeated transmission of an ADPU segment.	Default value: 5000

Designation	Contents	Description	Default value
ASN Encoder	AsnEncoder Char Set	The character set used for string encoding.	Default value: UTF8 Possible values: "UTF8", "DBCS", "JIS", "UCS4", "UCS2", "Latin1"
	AsnEncoder Code Page	The code page used for DBCS coding. Use the system preset 0.	Default value: 0



Note: Changes to the BACnet driver parameters may have a significant impact on system behaviour. For this reason, they should be done carefully.

5.4.5.2.1 System

Systems are myGEZE Control systems or general BACnet controllers connected via a driver.

System dialogue boxes

Designation	Description
Name	Clear and unique name of the driver.
Description	Detailed description of the system.
System type	Selection from the system types created, which the driver type brings.
Failure delay time (sec.)	Specifies the time in seconds before a system failure leads to a workflow.
Time synchronisation	Time synchronisation between system and the myGEZE Visu server.
Message monitoring type	Off (standard): If selected, message monitoring does not take place. Automatic: If selected, the system automatically records the time of the last message received in the system data point. Data point system - property "Last message (UTC)", address 2. If message received by the system is longer ago than the set message monitoring time, the property message monitoring for the data point system is set to "Message missing". Manual: If selected, the system automatically records the time of the last message received in the system data point. Data point system - property "last message (UTC)", address 2; The message evaluation must be checked manually through an action, workflow etc.
Message monitoring time (HH:mm)	Standard: If the message monitoring type is not set to "Off", you can edit the message monitoring time. The smallest value that can be set is 5 minutes.

Further system table columns

Designation	Description
GVMS address available	Marks drivers that use the GVMS address box for assignment of the data points from the system address.
Phys. Address	Address within a structure connected via the driver, e.g. network number of the device in the Essernet.
Event information	Information about an incoming event.
Active	If set, then used If not set, then not used
Not visible in OPC	If enabled: The entire system is analysed/displayed in the OPC myGEZE Visu driver.
Clients	Details of the clients for whom the system is visible.
Last change	Date the last change was made.
ID	Unique identification number.



Note: Up to five systems can be connected to a myGEZE Visu Server.

System type

myGEZE Visu can connected lower-level systems via the BACnet communication protocol. Alongside myGEZE Control systems, other BACnet controllers can be connected. The connections differ according to system type.

Fig. 71: System type

System type	Description
BACnet system BCFG type	General BACnet controller. The BACnet objects must be available in the BCFG format for import (defined within the system).
BACnet system EDE file	General BACnet controller. The BACnet objects must be available for import in the EDE format according to BACnet Interest Group Version 2.0.
myGEZE Control	myGEZE Control connection. The configuration files myGEZE_DeviceImport.csv and myGEZE_StateTexts.csv created for the controller can be imported directly in myGEZE Visu.

5.4.5.2.1.1 myGEZE Control system settings

In the system menu Connections, select the BACnet driver in the Drivers tab and then select the BACstac button on the top right.

Driver dialogue boxes

Designation	Description
System type	myGEZE Control
Time synchronisation	myGEZE Control is synchronised with the servers system time.
Message monitoring type	For further information, see 5.4.5.2.1 System.
Message monitoring time	

Designation	Description	Default value
Only use existing data points	Does not add the data points from the myGEZE_DeviceImport.csv file, rather uses the data points already configured.	Default: Not selected
Update data point names	Updating of the data point names from the myGEZE_DeviceImport.csv file.	Default: Not selected
Update data point types	Updating of the data point types from the myGEZE_DeviceImport.csv file.	Default: Not selected
Update Datapoint Description	Updating of the data point description from the myGEZE_State-Texts.csv file.	Default: Not selected
myGEZE Control Address	Address of the BACnet device Example: '20:C0-A8-01-23-BA-C0' Network number 20 (optional) IP=192.168.1.35, Port=47808. Leave blank to identify via a Whols query.	Default value: empty
Device instance number	Device instance number for the device removed.	Default value: 1
myGEZE_DeviceImport File	myGEZE_DeviceImport.csv file of the controller to be connected.	
myGEZE_StateTexts File	myGEZE_StateTexts.csv file for the controller to be connected.	
COV Resubscribe every (sec.)	Renews the COV subscription every X seconds. Use 0 for never.	Default value: 300
Default Poll interval	Polling of properties that are not provided by COV, every X seconds. Use 0 to only carry out the poll at start.	Default value: 10

Neues System

Name:

Bitte geben sie einen Namen ein

Beschreibung:

Systemtyp:

myGEZE Control

Ausfallverzögerungszeit (Sek.):

0

Zeitsynchronisation:

☐

Meldungsüberwachungstyp:

Aus

Meldungsüberwachungszeit (HH:mm):

00:05

Nur vorhandene Datenpunkte verwenden:

☐

Datenpunktnamen aktualisieren:

☐

Datenpunkttypen aktualisieren:

☐

Datenpunkt-Beschreibung aktualisieren:

☐

myGEZE Control

Adresse:

Instanznummer des Systems:

1

myGEZE_DeviceImport Datei:

myGEZE_StateTexts Datei:

COV-Abonnement alle X-Sek. erneuern:

300

Standard Poll-Intervall:

10

Ok

Abbrechen

Fig. 72: New System dialogue box

5.4.5.2.1.2 System settings for BACnet device (EDE file)

The BACnet device (EDE file) settings dialogue contains the following input boxes:

Designation	Description	Default value
Update Datapoint Names	Update data point names from EDE file.	Default: Not selected
Update Datapoint Types	Update data point types from EDE file.	Default: Not selected
Update Datapoint Description	Update data point description from EDE file.	Default: Not selected
Remote BACnet Device Address	Address of the BACnet device Example: '20:C0-A8-01-23-BA-C0' Network number 20 (optional) IP=192.168.1.35, Port=47808. Leave blank to be detected by a Whols request.	Default value: 1
Device instance number	Device instance number for the remote device.	Default value: 1
EDE File	EDE file for the remote device.	Default value: empty
State Texts File	State-Texts-CSV file for the remote device.	Default value: empty
COV	Specifies whether a COV subscription should be used.	Default value: Acknowledged COV Possible values: "Acknowledged COV", "Unacknowledged COV", "COV not used"
COV Resubscribe every (sec.)	Renews the COV subscription every X seconds. Use 0 for never.	Default value: 300
Default Poll interval	Polling of properties that are not provided by COV, every X seconds. Use 0 to only carry out the poll at start.	Default value: 10

Priority

Designation	Description	Default value
Write Priority	Default priority for write commands. 1=highest - 16=lowest.	Default value: 8
	Note: The "Clear" parameter in a control can be used to remove a specified value from the "Priority Array".	

ADPU

Designation	Description	Default value
Use individual ADPU Settings	Use individual ADPU Encoder settings.	Default: Not selected
Max ADPU Length	The maximum number of 8-byte bits that may be contained in one single non-divisible data unit of the application layer protocol. It is usually defined through the capabilities of the remote device and/or the types of LANs on the path to the remote device.	Default value: 1476
ADPU time-out	The time in milliseconds between repeated transmissions of an APDU that must be acknowledged, for which no acknowledgement has been received.	Default value: 6000
Max retries	The maximum number of times an APDU should be sent again if the timeout for an APDU that has to be acknowledged has elapsed without acknowledgement being received.	Default value: 3
Segmentation	Specifies whether the device supports segmentation for the transmission, reception or both.	Default value: Both Possible values: 'Both', 'Transmit', 'Receive', 'None'
Max Segments Accepted	The time in milliseconds between the repeated transmission of an APDU segment if no acknowledgement has been received.	Default value: 32
Window Size	The suggested size of a segmented message window for a client request or the maximum permissible value for the actual window size with a server display.	Default value: 32
Segment Timeout	Defines APDU segment timeout, which specifies the time in milliseconds between the repeated transmission of an APDU segment.	Default value: 5000

ASN Encoder

Designation	Description	Default value
Use custom ASN Encoder Settings	Use custom ASN encoder settings.	Default: Not selected
AsnEncoder Char Set	The set of characters used for string encoding.	Default value: UTF8 Possible values: "UTF8", "DBCS", "JIS", "UCS4", "UCS2", "Latin1"
AsnEncoder Code Page	The code page used for DBCS encoding. Use 0 as system default.	Default value: 0



See documentation "Description of the EDE data fields" (under the link: <https://www.big.eu.org>):

Format of the “EDE” sheet

The spreadsheet is in Excel format. The “EDE” sheet contains project information and a list of the data points which were selected for data exchange.

The sheet **EDE** must be saved as a **UTF8 CSV file** with **separator ;**.

Columns used:

- ▶ device-object-instance
- ▶ object-name
- ▶ object type
- ▶ object-instance
- ▶ description (optional)
- ▶ settable (optional)
- ▶ supports COV (optional)
- ▶ state text reference (optional)

Columns specific to BACnet drivers

- ▶ **DatapointTypeld (optional):** Data point type ID to be used when creating the data point.
- ▶ **PollInterval (optional):** The time, in milliseconds, at which the properties of the BACnet object are polled, if this time is to differ from the system settings.
- ▶ **WritePriority (optional):** Priority 1–16 (-1 for no priority), to be used when writing writable properties, if the priority is to differ from the system settings.

Data point types for the BACnet objects from the EDE file can be adapted or extended in a user-defined way.

5.4.5.2.1.3 System settings for BACnet devices (BCFG file)

The type BACnet-Device(BCFG file) is provided for the project-specific mapping of complex structures and BACnet systems and always requires project-specific setting of the configuration or reusable templates for similar structures/BACnet system.

Data point types of the BCFG object are not provided by default. These have to be prepared project-specifically using the BCFG file.



Further information from IVMS GmbH.

The BACnet device (BCFG file) settings dialogue box contains the following input fields:

Designation	Description	Default value
Update Datapoint Names	Update data point names from EDE file.	Default: Not selected
Update Datapoint Types	Update data point types from EDE file.	Default: Not selected
Update Datapoint Description	Update data point description from EDE file.	Default: Not selected

Designation	Description	Default value
Remote BACnet Device Address	Address of the BACnet device Example: '20:C0-A8-01-23-BA-C0' Network number 20 (optional) IP=192.168.1.35, Port=47808. Leave blank to be detected by a Whols request.	Default value: 1
Device instance number	Device instance number for the remote device.	Default value: 1
BCFG file	BCFG file of the remote device.	Default value: empty
State Texts File	State-Texts-CSV file for the remote device.	Default value: empty

COV/Polling

Designation	Description	Default value
COV	Specifies whether a COV subscription should be used.	Default value: Acknowledged COV Possible values: "Acknowledged COV", "Unacknowledged COV", "COV not used"
COV Resubscribe every (sec.)	Renews the COV subscription every X seconds. Use 0 for never.	Default value: 300
Default Poll interval	Polling of properties that are not provided by COV, every X seconds. Use 0 to only carry out the poll at start.	Default value: 10

Priority

Designation	Description	Default value
Write Priority	Default priority for write commands. 1=highest - 16=lowest.	Default value: 8
	Note: The "Clear" parameter in a control can be used to remove a specified value from the "Priority Array".	

ADPU

Designation	Description	Default value
Use individual ADPU Settings	Use custom ADPU encoder settings.	Default: Not selected
Max ADPU Length	The maximum number of 8-byte bits that may be contained in one single non-divisible data unit of the application layer protocol. It is usually defined through the capabilities of the remote device and/or the types of LANs on the path to the remote device.	Default value: 1476
ADPU time-out	The time in milliseconds between repeated transmissions of an APDU that must be acknowledged, for which no acknowledgement has been received.	Default value: 6000
Max retries	The maximum number of times an APDU should be sent again if the timeout for an APDU that has to be acknowledged has elapsed without acknowledgement being received.	Default value: 3
Segmentation	Specifies whether the device supports segmentation for the transmission, reception or both.	Default value: Both Possible values: 'Both', 'Transmit', 'Receive', 'None'
Max Segments Accepted	The time in milliseconds between the repeated transmission of an APDU segment if no acknowledgement has been received.	Default value: 32
Window Size	The suggested size of a segmented message window for a client request or the maximum permissible value for the actual window size with a server display.	Default value: 32
Segment Timeout	Defines APDU segment timeout, which specifies the time in milliseconds between the repeated transmission of an APDU segment.	Default value: 5000

ASN Encoder

Designation	Description	Default value
Use custom ASN Encoder Settings	Use custom ASN encoder settings.	Default: Not selected
AsnEncoder Char Set	The set of characters used for string encoding.	Default value: UTF8 Possible values: "UTF8", "DBCS", "JIS", "UCS4", "UCS2", "Latin1"
AsnEncoder Code Page	The code page used for DBCS encoding. Use 0 as system default.	Default value: 0

5.4.5.2.2 Data points

Data points are the most important information carriers in the system. A data point is usually assigned to an address within a connected device e.g. a magnetic contact of an alarm control panel. The data point can contain several pieces of detailed information. Using the example of a magnetic contact, this can be e.g. whether the contact is opened, whether there are any faults or the alarm function has been switched off (blocked).

Control functions can also be assigned to data points, in the case of the above mentioned detectors this can be functions such as blocking or resetting, depending on the device.

Data points are created within devices for system setup. Devices are below drivers in the hierarchy, since some drivers can manage several devices. This structure is defined in data point types, see chapter [Data point type](#).

The current value structure of the data point can be displayed as a table, symbolically or configured individually.

Data point dialogue boxes

Designation	Description
Name	Clear and unique name of the driver;
Description	Detailed description of the system;
Active	If set: is used, if not set: is not used;
GVMS address available	Some drivers (GVMS address available) use the number entered for assignment of the data points;
Phys. Address	Address (also 2-level in format x:y) addressing. Example of a 2-digit address: ESSER fire alarm control panels with the first value representing the group number and the second value representing the detector number 4:5 = Group 4, Detector 5
Event information	Information about an incoming event;
Clients	Details of the clients for whom the data point is visible;
Data point type	Describes the structure of the values contained in the data point with states, value types and values;
System/product groups	Selection from the systems/product groups created; Can be used for filtering in the myGEZE Visu-Client.

Further data point table columns

Column	Description
Last change	Date the last change was made.
ID	Unique identification number.



Note: Record each data point, including the name, address and data point. Knowledge of the device to be connected is required for this. Incorrect assignment can trigger a faulty function.



Note: A data point type can only be removed if there are no longer any configured data points of that type. Before the data point type is deleted, all data points of this type must have been deleted first.

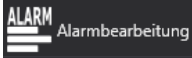
Clicking “Save” and commenting the change enters this in the database system. The undo/redo function is deactivated again.

5.4.5.3 Stations

myGEZE Visu stations can be configured here. Unique identification of the configured station can be transferred in the start parameters of the myGEZE Visu Client, see chapter [Startup configuration tool](#).

Basic data dialogue boxes

Field	Description
Name	Clear and unique name.
Description	Detailed description of the station.
Login action	Action to be started when the station is logged in at the myGEZE Visu server.
Event action	Action to be started when events happen for the station.
Station type	Selection from the predefined station types. Client: Full-featured myGEZE Visu client with all associated interface elements (e.g. alarm stack, alarm tile, etc.). Viewer: Used to display images (cameras/locations). No interface elements are displayed.
Display 1	The pencil symbol can be used to set the individual options that display and select the layout parameters on the Client. Individual monitor sections can be reserved statically or dynamically for views. For further information see “Static and dynamic motor view”. Display 1 always refers to the main monitor and the drop-down list Display 1. Note: If no item is selected from the available options, Advertisement 1 will not appear in the selection bar.
Display 2	The pencil symbol can be used to set the individual options that display and select the layout parameters on the Client. If no element is selected from the individual options, the display is not available at the monitor. Display 2 always refers to the first additional monitor.
	Note: This setting only takes effect if the multi-monitor licence option is enabled.
Display 3	The pencil symbol can be used to set the individual options that display and select the layout parameters on the Client. If no element is selected from the individual options, the display is not available at the monitor. Display 3 always refers to the second additional monitor.
	Note: This setting only takes effect if the multi-monitor licence option is enabled.
Display 4	The pencil symbol can be used to set the individual options that display and select the layout parameters on the Client. If no element is selected from the individual options, the display is not available at the monitor. Display 4 always refers to the third additional monitor.
	Note: This setting only takes effect if the multi-monitor licence option is enabled.
Monitor view	In the dialogue, the view can be selected that is to appear after a certain period of user inactivity. The editing dialogue is opened using the pencil symbol.
Waiting time (sec.)	Specification of the time (from 30 seconds) of user inactivity after which the above-selected view appears on the screen.
Auto. Logout after (minutes)	Automatic logout of a user following inactivity.

Selection bar	Choice of which selection bar elements are to be shown in myGEZE Visu Client.		
	Select all	All the available selection bar elements are shown in myGEZE Visu Client.	
	Handling alarms		Display of workflows.
	Alarm stack		Selection and editing of stack entries.
	Operating devices		View of the preview images of all graphics defined as control panel.
	Data points		All data points are shown in tabular form.
	Cameras		View of the preview images of all graphics defined as cameras.
	Customers		View of the customers.
	Locations		Preview images of the drawings of the location overview.
	Systems		View of the systems.
	Workflow report		View of workflow reports.
Visible viewers	Selection of the viewers the station is to see. A maximum of five visible viewers or All viewers can be selected.		

Action/script dialogue boxes

Field	Description
Action 1 to 5 (system menu)	Selection of an action that is to be shown in the system menu after selection. Columns for action 2 to 5 can be added using the column editor. Further information under "Extension column editor".
	Note: You must save the settings for the advertisement to be displayed. After a new login at the Client/Configuration Client, the action is displayed.
GUI script 1 to 5 (system menu)	Selection of a GUI script that is to be shown in the system menu after selection. Columns for GUI script 2 to 5 can be added using the column editor. Further information under "Extension column editor".
	Note: The settings must be saved for the GUI script to be displayed. After a new login at the Client/Configuration Client, the GUI script is displayed.
Tab GUI script 1 to 5	Selection of a GUI script that is to be displayed in the selection bar of the myGEZE Visu after selection. Columns for tab GUI script 2 to 5 can be added using the column editor. Further information under "Extension column editor".
	Note: You must save the settings for the Tab GUI script to be displayed. After a new login at the Client/Configuration Client, the GUI script is displayed at the Client.

Further table columns

Column	Description
Last change	Date the last change was made.
ID	Unique identification number.

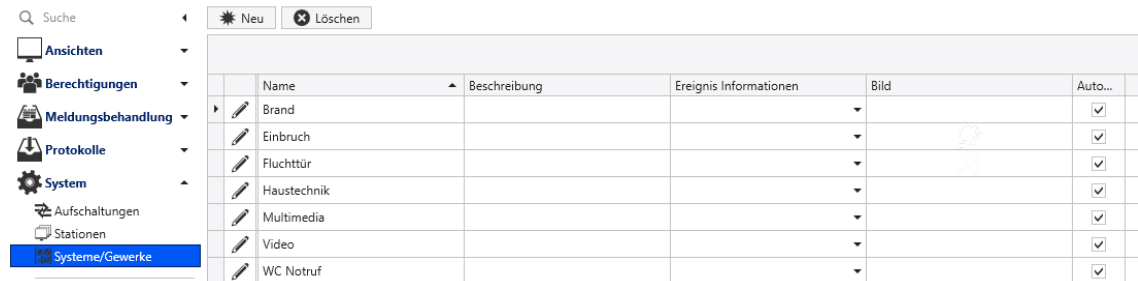
5.4.5.4 Systems/product groups

Systems/product groups can be configured here. myGEZE Visu Client can be used to filter according to the product groups. The product groups can be assigned to the data points (System/Connections/Tab data points).

Dialogue boxes

Field	Description
Name	Clear and unique name.

Description	Detailed description of the system/product group.
Event information	Information about an incoming event.
Image	An image for the system/product group can be stored here. The image size is limited to 256 x 256 pixels.
Auto theme	Automatic adaptation to the theme set.



Name	Beschreibung	Ereignis Informationen	Bild	Auto...
Brand				☒
Einbruch				☒
Fluchttür				☒
Haustechnik				☒
Multimedia				☒
Video				☒
WC Notruf				☒

Fig. 73: Systems/Product Groups Configuration

5.4.5.5 Alarm types

Alarm types classify messages into categories. Using the alarm type, an incoming event can be assigned an identification symbol and a code colour for representation in tables. An alarm type contains any number of sub-points, the alarm reasons. These are assigned to possible input values in the data point type. Alarm types and alarm reasons are imported to the system during the installation process. Alarm types and reasons are also extended when drivers are added. The hierarchical structure always results in the configuration sequence alarm type to alarm reason.

Dialogue boxes

Field	Description
Name	Clear and unique name.
Description	Detailed description of the alarm type.
GVMS ID	Compatibility ID to the GVMS system.
Colour	Code colour for list entries as hexadecimal ARGB value (e.g. #ff595959) or default colour value (e.g. red). Assignment takes place through a colour selection dialogue.
Font colour	Font colour of the alarm tile, assignment takes place through a colour selection dialogue.
Image	Assigned symbol in lists and on graphics, summaries. Assignment is through a drop-down list/file dialogue;
Auto theme	Automatic adaptation to the theme set.

Further table columns

Column	Description
Last change	Date the last change was made.
ID	Unique identification number.

5.4.5.5.1 Edit alarm reasons

The respective alarm reasons are reached by selecting an alarm type.

Dialogue boxes

Field	Description
Name	Clear and unique name.
Description	Detailed description of the alarm reason.
GVMS ID	Compatibility ID to the GVMS system.
Priority	Priority
Trigger workflow	If active: The alarm reason can trigger a workflow. For further information see chapter Conditions .
Display	If active: The alarm reason is displayed in the myGEZE Visu-Client.
Significant change	If enabled: Automatic entry in the system report.
OffNormal	Marks the non-normal operating state. Can be used, for example, to start a workflow for a non-normal operating state (conditions) in a simple way.
	Note: No tile is displayed in the myGEZE Visu-Client for this status (depending on the Display option).
Maintenance	If enabled: Automatic entry into the statistics database (specific to the administrator).
Statistics	If enabled: Automatic entry into the statistics database (specific to the administrator).

Further table columns

Column	Description
Last change	Date the last change was made.
ID	Unique identification number.

5.4.5.6 Data point type

Data point types describe the structure of data points. They define which information the data point can deliver and send. The number of details is unlimited. The structure of the values ranges from discrete values through character chains to tables.

Data points are the most important information carriers in the system. A data point is usually assigned to an address within a connected e.g. an operating mode feedback on an automatic door drive.

The data point can contain several pieces of detailed information. Using the example of the operating mode feedback: whether the drive is in automatic, hold open, exit only or switched off mode.

Control functions can also be assigned to data points. In the case of the above mentioned detectors this can be functions such as blocking or resetting, depending on the device.

Data points are created within devices for system setup. Devices are below drivers in terms of hierarchy.

Some drivers can manage several devices.

Data point types describe the states and controls the data point has available with which values and assigned alarm reasons.



There are special data point types:

- ▶ Static data point type can be used for a simply image display e.g. customer logo.
- ▶ System symbol data point type can be used to show complete systems.
- ▶ Drawing symbol data point type can be used to show complete drawings.



These special data point types are included in the delivery scope of myGEZE Visu. The special data point types are available in the symbols and in the drawings (**Edit drawings** → **Tab Symbols** → Combined box top left).

Columns

Column	Description
Name	Clear and unique name of the data point type.
Description	Detailed description of data point type.
GVMS ID	Compatibility ID to the GVMS system.
System type	Is used for showing whether it is a system type. System types are delivered by the manufacturer and cannot be edited.
Last change	Date the last change was made.
ID	Unique identification number.

5.4.5.6.1 Save changes



Note: Changes are not saved automatically

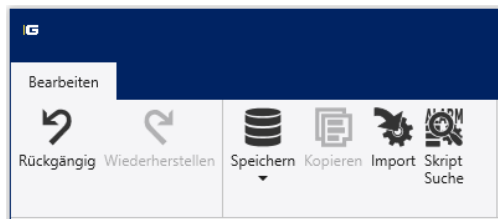


Fig. 74: Menu structure

The Save symbol in the program header must be selected for saving to be carried out. The symbol is only active if non-saved changes are recognised.

A context menu appears if you right-click a selected element:

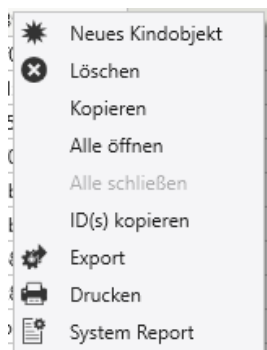


Fig. 75: Context menu

Dialogue boxes

Field	Description
Copy	Creates a new table entry with a name combination containing "_copy of" and "name of the selected element".
Open all	Opens all sub-elements available.
Close all	Closes all sub-elements available.
Copy ID(s)	Copies the unique identification number for the entry or entries selected to the PC clipboard. If more than one entry is marked, the IDs are copied to the PC clipboard separated by commas.
Export	Export selected entries to .xml files.
Print	Print preview. For further information see chapter Logs, print .
System report	Opens the system report specifically for the selected element.

Action left mouse button/right mouse button

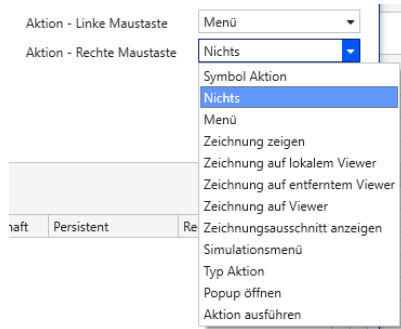


Fig. 76: Left-click/right-click action

Menu items

Menu	Description
Action symbol	Carries out the action stored for this symbol.
Nothing	No action.
Menu	Displays the default system menu.
Show drawing	Displays the selected drawing.
Drawing on local viewer	Displays the selected drawing on a local viewer.
Drawing on remote viewer	Displays the selected drawing on a remote viewer.
Drawing on viewer	Displays the selected drawing on a viewer.
Display drawing section	Displays a drawing section.
Simulation menu	Displays the default simulation menu.
Action type	Carries out the action stored for this data point type.
Open popup	Opens the selected popup (GUI script).
Execute action	Carries out the selected action.

Properties

Properties	Table showing the input states of a data point;
Name	Name of the property state.
Address	Numeric address of the property in the data point type e.g. 1.
Type	Type of data field: Enum freely definable enumeration values Integer number value Boolean true or false Double number value with comma String character chain Date date Time time DateTime date and time
Server property	The value is held on the server and not delivered by the device. Value is only valid during server runtime.
Persistent	Value is saved in the database in addition.
Right	Right that the operator must have to see the value.
Not visible in OPC	Property is not forwarded to the OPC server.
Not visible on interface	Value is not shown on the interface.
If change save trend value	If enabled: Values are saved when changed.
Save trend values cyclically	If enabled: Data is saved cyclically every "set number of seconds".

Control unit

Control unit	Table showing the control states of a data point;
Name	Name of the control function.
Address	Numeric address of the control state in the data point type e.g. 1.
Type	Type of data field: Enum freely definable enumeration values Integer number value Boolean true or false Double number value with comma String character chain
Right	Right that the operator must have to see the value.
Not visible in OPC	Property is not forwarded to the OPC server.
Not visible on interface	Value is not shown on the interface.

The dialogue is closed by clicking "OK".

5.4.5.6.2 Edit data point types

All data point types form a list which can be sorted according to columns such as name and description combined.

After a data point type has been selected (using the pencil symbol), properties and controls become visible with their value structure. For further information see chapter [Menu bar](#).

5.4.5.6.3 Default data point types

After installation, the following data point types are available:

Name	GVMS ID	ID
Analogue/double object R		62d8f045-26cc-4d0e-a0e3-194bcb27dd64
Analogue/double object RW		e502d8bc-12e3-49d3-847d-c84331fb804e
Binary object R		5923f079-5139-4b0d-9343-00c6a0037dce
Binary object RW		3b7a0fd8-46f0-4871-b3cc-d59f0ac72886
Default BACnet object		c43db96d-b3be-4cc6-b54f-d093e9e33ed8
Default BACnet object with EventState		8cfc94d6-bc68-4fb7-b7a8-58938d3a403c
MultiState/integer object R		215e773d-4133-44d6-8936-46a2556fb964
MultiState/integer object RW		cee6800b-bc82-4bf4-bd6e-9ada30437236

myGEZE Control data point types

Name	Explanation
CAL	Display of the configured calendar
DCU	All automatic drives (DCU1, 2, 6, 8)
DCU+TZ320	Combination of automatic drive and TZ 320 emergency exit system
DI	Digital input
DO	Digital output
DOOR	Manual door systems
IQBOX	Windowdrive with KNX box
KNX.COM	General information from the KNX system
MBZ.CM/SM	MBZ: Control Module
MBZ.DM/DME	MBZ: Drive module
MBZ.PM/PME	MBZ: Power Module
MBZ.WM	MBZ: Weather Module
SCENE	Display of configured scenes
SCENE with SCHEDULE	Display of configured scenes with a timer schedule
TZ320	TZ 320 Emergency Exit System
HOLD	Hold-open system

These data point types are all declared as "system type". They cannot be edited. During import existing system entries are overwritten. Individual types can be generated by copying system types.

5.4.5.7 Symbols

The symbols are configured here. The properties of a data point type are used for this. A data point type has to be stored for each symbol. New elements can be added or deleted via the menu bar through the table:



Fig. 77 Menu icons

New

Opens a dialogue for creating a new table entry. A unique name and a detailed description are entered for the new element via this dialogue. The created data point type must be selected. The dialogue is closed by clicking "OK".

Delete

Delete selected entries.

Fig. 78: Create a new icon.

Columns

Designation	Description
Name	Clear and unique name of the symbol.
Description	Detailed description of the symbol.
Data point type	Selection from the data point types created.
System type	Is used for showing whether it is a system type. System types are delivered by the manufacturer and cannot be edited.
Last change	Date the last change was made.
ID	Unique identification number.

During further editing of the symbols through the pencil, two types of symbols can be configured:

Simple symbols

With this type of symbol, a symbol graphic must only be stored at the general property (first empty row of the first property). Then activate the option "Use alarm type colour". This option colours the background of the symbol in the respective alarm type colour stored in the data point type property.

More complex symbols

With this type of symbol, a graphic must be stored to each symbol property. This allows different states to be represented and superimposed in one symbol. This makes the symbol as complex as you want.

To get a preview of the symbol, you just have to select the property. The result is displayed in the preview image.

The following symbols are included in the driver package:

Image	Name	Data point type
	Output (52edf204-b0ec-4942-a9f4-c8d61eb6008f)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
	Output (bd1dabb5-31ac-4fc8-8f1b-556c580629c5)	Binary object RW (3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
	Output (b806d9ef-8b7d-443e-881e-271ad66f6c55)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
	Output (c44d1e15-6bfd-4f8a-8570-4145e6709a5f)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
	Output (dd4ce814-d017-4a88-a061-8b29f3993766)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
	Output (c460fac4-1445-481e-a7d4-97e9fe60bbbe)	Binary object RW (3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
	Input (3a36eb70-26bc-493b-a763-940b84373ada)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
	Input (2d3f46bc-cfb9-4108-b57f-481e24c9bb02)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
	Input (8368ae5e-ecc7-4d3e-aa42-ab2336083018)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
	Input (665c1bba-a6c3-45b7-991a-3c515ae6f3bc)	Binary object R (5923f079-5139-4b0d-9343-00c6a0037dce)
	Input (fa421b96-03fc-4d05-9dbe-582c5ca5b768)	Binary object R (5923f079-5139-4b0d-9343-00c6a0037dce)
	Input (43c56094-b6e1-4623-aa85-afbdd38aef93)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Image	Name	Data point type
	Graph (ec7e72dc-8e17-4a11-aec7-1bccb6ae9949)	Analogue/double object RW (e502d8bc-12e3-49d3-847d-c84331fb804e)
	Graph (279f7e16-de78-4984-b5f0-2a7e553b983a)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
	Graph (4864346c-7349-4a6d-972d-1c2b71e45531)	Analogue/double object R (62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
	Curve (f70225b9-4cdf-4ad3-88be-84a75fb85fe0)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
	Switch (91a6a4d2-8525-43c8-b7ad-cdc1bb4cc61e)	MultiState/integer object R (215e773d-4133-44d6-8936-46a2556fb964)
	Switch (e74fd789-5586-4f5d-8cc9-07303f076970)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
	Switch (e6ecd3d3-53c2-4067-875b-693b33d50ddc)	MultiState/integer object RW (cee6800b-bc82-4bf4-bd6e-9ada30437236)
	Switch (5086c2fa-4bf9-49df-94a3-1ec94ea15e51)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
	Thermometer (285b7066-e0c7-4a10-8a2a-f7aeb52943eb)	Analogue/double object RW (e502d8bc-12e3-49d3-847d-c84331fb804e)
	Thermometer (31cfa8a3-419e-4265-b020-d45cf00d9462)	Analogue/double object R (62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
	Thermometer (25e80ed0-d09a-4d8b-927e-2a9db1b3e962)	Default BACnet object with EventState (8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
	Thermometer (a5ee03b8-a4a4-4028-bb10-abaa481ab24c)	Default BACnet object (c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

myGEZE Control symbols

Image	Name	Data point type
	DCU 1-leaf	DCU
	DCU 2-leaf	DCU
	DCU Revolving door	DCU
	DCU Sliding door 1-leaf	DCU
	DCU Sliding door 2-leaf	DCU
	DCU+TZ320 1-leaf	DCU+TZ320
	DCU+TZ320 2-leaf	DCU+TZ320
	DCU+TZ320 Sliding door 1-leaf	DCU
	DCU+TZ320 Sliding door 2-leaf	DCU
OFF	DCU+TZ320 FB Off	DCU+TZ320
Auto	DCU+TZ320 FB Automatic	DCU+TZ320
	DCU+TZ320 FB Permanently opened	DCU+TZ320
	DCU+TZ320 FB Exit only	DCU+TZ320

Image	Name	Data point type
	DCU+TZ320 FB Night mode	DCU+TZ320
	DCU+TZ320 FB Summer	DCU+TZ320
Open door	DCU+TZ320 FB Door opened	DCU+TZ320
	DCU+TZ320 FB Winter	DCU+TZ320
	DCU+TZ320 Sliding door 1-leaf	DCU+TZ320
	DCU+TZ320 Sliding door 2-leaf	DCU+TZ320
	DCU+TZ320 Sliding door status 1/2-leaf	DCU+TZ320
	DCU+TZ320 Door status 1-leaf	DCU+TZ320
	DCU+TZ320 Door status 2-leaf	DCU+TZ320
	DCU+TZ320 Locking status	DCU+TZ320
OFF	DI	DI
	DI Alarm status	DI
	DI Light	DI
	DI Switch status	DI

Image	Name	Data point type
OFF	DO	DO
	DO FB	DO
	DO Light	DO
	DO switch status	DO
	DOOR 1-leaf	DOOR
	DOOR 2-leaf	DOOR
	DOOR Revolving door	DOOR
	DOOR FB Unlocked	DOOR
	DOOR FB Short-time release	DOOR
	DOOR FB Locked	DOOR
	DOOR 1-leaf linear sliding door	DOOR
	DOOR 2-leaf linear sliding door	DOOR
	DOOR Sliding door status 1/2-leaf	DOOR
	DOOR Door status 1-leaf	DOOR

Image	Name	Data point type
	DOOR Door status 2-leaf	DOOR
	DOOR Locking status	DOOR
	IQBOX	IQBOX
	IQBOX Open (X %)	IQBOX
	IQBOX FB Lock automatically	IQBOX
	IQBOX FB Open (100%)	IQBOX
	IQBOX FB Locked	IQBOX
	IQBOX FB Closed (0%)	IQBOX
	IQBOX Window status	IQBOX
	KNX.COM	KNX.COM
	KNX.COM Rain warning	KNX.COM
	KNX.COM Safety warning	KNX.COM
	KNX.COM Wind warning	KNX.COM
	MBZ.CM/SM	MBZ.CM/SM

Image	Name	Data point type
	MBZ.CM/SM Release alarm button	MBZ.CM/SM
	MBZ.CM/SM Release detector	MBZ.CM/SM
	MBZ.CM/SM Fault	MBZ.CM/SM
	MBZ.DM/DME	MBZ.DM/DME
	MBZ.DM/DME Drive module	MBZ.DM/DME
	MBZ.DM/DME FB Open	MBZ.DM/DME
	MBZ.DM/ DME FB Close	MBZ.DM/DME
	MBZ.DM/DME FB Stop	MBZ.DM/DME
	MBZ.DM/DME Window status	MBZ.DM/DME
	MBZ.DM/DME SHEV	MBZ.DM/DME
	MBZ.PM/PME	MBZ.PM/PME
	MBZ.PM/PME Battery mode	MBZ.PM/PME
	MBZ.PM/PME Battery charge/fault	MBZ.PM/PME
	MBZ.PM/PME Temperature sensor fault	MBZ.PM/PME

Image	Name	Data point type
	MBZ.PM/PME Fuse fault	MBZ.PM/PME
	MBZ.PM/PME System voltage fault	MBZ.PM/PME
	MBZ.WM	MBZ.WM
	MBZ.WM Rain	MBZ.WM
	MBZ.WM Wind	MBZ.WM
	TZ320	TZ320
	TZ320 FB Unlocked	TZ320
	TZ320 FB Short-time release	TZ320
	TZ320 FB Locked	TZ320
	TZ320 Door status	TZ320
	TZ320 Locking status	TZ320

Symbols in alarm state

Output (52edf204-b0ec-4942-a9f4-c8d61eb6008f)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Output (bd1dabb5-31ac-4fc8-8f1b-556c580629c5)	
Alarm type: Idle state	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
Alarm type: Fault message	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
Alarm type: Fire alarm	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
Alarm type: Alarm	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)

Output (b806d9ef-8b7d-443e-881e-271ad66f6c55)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Output (c44d1e15-6bfd-4f8a-8570-4145e6709a5f)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Output (dd4ce814-d017-4a88-a061-8b29f3993766)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Output (c460fac4-1445-481e-a7d4-97e9fe60bbbe)	
Alarm type: Idle state	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
Alarm type: Fault message	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
Alarm type: Fire alarm	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)
Alarm type: Alarm	Data point type
	Binary object RW(3b7a0fd8-46f0-4871-b3cc-d59f0ac72886)

Input (3a36eb70-26bc-493b-a763-940b84373ada)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Input (2d3f46bc-cfb9-4108-b57f-481e24c9bb02)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Input (8368ae5e-ecc7-4d3e-aa42-ab2336083018)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Input (665c1bba-a6c3-45b7-991a-3c515ae6f3bc)	
Alarm type: Idle state	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)
Alarm type: Fault message	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)
Alarm type: Fire alarm	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)
Alarm type: Alarm	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)

Input (fa421b96-03fc-4d05-9dbe-582c5ca5b768)	
Alarm type: Idle state	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)
Alarm type: Fault message	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)
Alarm type: Fire alarm	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)
Alarm type: Alarm	Data point type
	Binary object R(5923f079-5139-4b0d-9343-00c6a0037dce)

Input (43c56094-b6e1-4623-aa85-afbddd38aef93)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Graph (ec7e72dc-8e17-4a11-aec7-1bccb6ae9949)	
Alarm type: Idle state	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)
Alarm type: Fault message	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)
Alarm type: Fire alarm	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)
Alarm type: Alarm	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)

Graph (279f7e16-de78-4984-b5f0-2a7e553b983a)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Graph (4864346c-7349-4a6d-972d-1c2b71e45531)	
Alarm type: Idle state	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
Alarm type: Fault message	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
Alarm type: Fire alarm	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
Alarm type: Alarm	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)

Curve (f70225b9-4cdf-4ad3-88be-84a75fb85fe0)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Switch (91a6a4d2-8525-43c8-b7ad-cdc1bb4cc61e)	
Alarm type: Idle state	Data point type
	MultiState/integer object R(215e773d-4133-44d6-8936-46a2556fb964)
Alarm type: Fault message	Data point type
	MultiState/integer object R(215e773d-4133-44d6-8936-46a2556fb964)
Alarm type: Fire alarm	Data point type
	MultiState/integer object R(215e773d-4133-44d6-8936-46a2556fb964)
Alarm type: Alarm	Data point type
	MultiState/integer object R(215e773d-4133-44d6-8936-46a2556fb964)

Switch (e74fd789-5586-4f5d-8cc9-07303f076970)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Switch (e6ecd3d3-53c2-4067-875b-693b33d50ddc)	
Alarm type: Idle state	Data point type
	MultiState/integer object RW(cee6800b-bc82-4bf4-bd6e-9ada30437236)
Alarm type: Fault message	Data point type
	MultiState/integer object RW(cee6800b-bc82-4bf4-bd6e-9ada30437236)
Alarm type: Fire alarm	Data point type
	MultiState/integer object RW(cee6800b-bc82-4bf4-bd6e-9ada30437236)
Alarm type: Alarm	Data point type
	MultiState/integer object RW(cee6800b-bc82-4bf4-bd6e-9ada30437236)

Switch (5086c2fa-4bf9-49df-94a3-1ec94ea15e51)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Thermometer (285b7066-e0c7-4a10-8a2a-f7aeb52943eb)	
Alarm type: Idle state	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)
Alarm type: Fault message	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)
Alarm type: Fire alarm	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)
Alarm type: Alarm	Data point type
	Analogue/double object RW(e502d8bc-12e3-49d3-847d-c84331fb804e)

Thermometer (31cfa8a3-419e-4265-b020-d45cf00d9462)	
Alarm type: Idle state	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
Alarm type: Fault message	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
Alarm type: Fire alarm	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)
Alarm type: Alarm	Data point type
	Analogue/double object R(62d8f045-26cc-4d0e-a0e3-194bcb27dd64)

Thermometer (25e80ed0-d09a-4d8b-927e-2a9db1b3e962)	
Alarm type: Idle state	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fault message	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Fire alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)
Alarm type: Alarm	Data point type
	Default BACnet object with EventState(8cfc94d6-bc68-4fb7-b7a8-58938d3a403c)

Thermometer (a5ee03b8-a4a4-4028-bb10-abaa481ab24c)	
Alarm type: Idle state	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Alarm	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)
Alarm type: Fault message	Data point type
	Default BACnet object(c43db96d-b3be-4cc6-b54f-d093e9e33ed8)

Symbols in alarm state myGEZE Control

DCU 1-leaf (9608405a-e421-42b4-8219-d2e489e2cc1e)	
Alarm type: Silent	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fault message	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Emergency exit alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fire alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)

DCU 2-leaf (16372575-87fd-4342-8865-cf62e5a567ea)	
Alarm type: Silent	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fault message	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Emergency exit alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fire alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)

DCU Revolving door (cc8108da-a5d8-4c74-b988-5f5d0833ed7f)	
Alarm type: Silent	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fault message	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Emergency exit alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fire alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)

DCU Sliding door 1-leaf (674bc1b9-2cdc-4c04-990c-97b95a43f1b0)	
Alarm type: Silent	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fault message	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Emergency exit alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fire alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
DCU Sliding door 2-leaf (bdeb30e6-2357-49c9-9097-d2f5f60029f2)	
Alarm type: Silent	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Fault message	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)
Alarm type: Emergency exit alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)

Alarm type: Fire alarm	Data point type
	DCU (73a9c9ce-79f0-45e6-b0a9-8a633087958c)

DCU+TZ320 1-leaf (f6bc03d3-e999-4f0d-8718-584f94d7ace8)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 2-leaf (9deb768d-9aa4-4e6f-92b5-a4b3a27786ab)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 Sliding door 1-leaf (f7f15686-805f-41a2-964d-0775e80ce2ed)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 FB Summer (6e88d1f3-e097-4d3d-8f3a-17eda9524e1d)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 FB Door opened (9b7abc42-361d-4654-a455-55e2715b9fd8)	
Alarm type: Silent	Data point type
Open door	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
Open door	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
Open door	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

Alarm type: Alarm	Data point type
Open door	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 FB Winter (acfc1e28-00a3-4d57-a1dd-4b08b23e1a20)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 Sliding door 1-leaf (e7186d6b-8431-4587-9db5-d7f09c73f4b0)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 Sliding door 2-leaf (e82ce7bf-3136-42a8-bac2-4e02bad84818)

Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 Sliding door status 1/2-leaf (f42f3244-fefc-4bec-ab8b-1710b047a810)

Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 Door status 1-leaf (6bc216d5-b77c-4933-8b5d-c5048bb442e9)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

DCU+TZ320 Door status 2-leaf (35231c94-fe50-4e59-b0a9-b198d2f2cccc)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)

Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fire alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
DCU+TZ320 Locking status (123f508c-0d3f-42ce-8cd0-656ce2c5f7aa)	
Alarm type: Silent	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Emergency exit alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Fault message	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
Alarm type: Alarm	Data point type
	DCU+TZ320 (8f01570a-bf8b-44ed-b843-53244a071d8c)
DI (94cde6b1-34e2-46cb-ad73-f07bae8c1023)	
Alarm type: Silent	Data point type
OFF	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Emergency exit alarm	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)

Alarm type: Fault message	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Alarm	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Fire alarm	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)

DI Alarm status (bf7999ba-5369-4c95-be5a-ff061e68c53f)	
Alarm type: Silent	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)

DI Light (9ff219ba-132f-437f-a6cc-67d2321c61c7)	
Alarm type: Silent	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Emergency exit alarm	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Fault message	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Alarm	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)
Alarm type: Fire alarm	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)

DI Switch status (2ebbdaf1-609a-41f5-b1de-8755f62e56f9)	
Alarm type: Silent	Data point type
	DI (bfc0a922-99c8-4fe7-ae15-1ed2cf44d6d6)

DO (9f04e90d-6a60-4a12-ae56-d269ff136b80)	
Alarm type: Silent	Data point type
OFF	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Emergency exit alarm	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Fault message	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Alarm	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Fire alarm	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)

DO FB (a4770c0f-9d52-4a89-b516-52b1f75b8f1c)	
Alarm type: Silent	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)

DO Light (d362c6cc-f476-4263-8d30-14812d2ade57)	
Alarm type: Silent	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Emergency exit alarm	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Fault message	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Alarm	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
Alarm type: Fire alarm	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
DO Switch status (cccb8eac-d465-4487-b663-37ad46ba424f)	
Alarm type: Silent	Data point type
	DO (5cb3a227-bfb2-4daf-a1ba-7b560b4b6c2a)
DOOR 1-leaf (c346f0ea-1414-4876-9e78-d5f9a3846897)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR 2-leaf (6ca5df14-8e27-4d40-a288-b8a98911493a)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Revolving door (9189a579-2784-4353-9bce-de9e6b6916e2)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR FB Unlocked (c7323f23-57a4-4796-bd17-b03beafd403c)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR FB Brief release (fc0f7ff2-6f67-449f-a8c8-18b984654955)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR FB Locked (9a7ac5c2-90d6-4bd1-b237-2aedd78416fe)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Sliding door 1-leaf (20077810-1ace-4c48-a5dd-fbed2781f444)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Linear sliding door, 2-leaf (34a3d1c3-2a2b-4a0e-a89b-fc0ad146b6db)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Sliding door status 1/2-leaf (185c6e79-7326-4c8e-8d52-a37bab357591)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Door status 1-leaf (b4eb19f6-7b74-48d2-96bc-8e9849dfef12)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Door status 2-leaf (3f0b15c4-55cd-4f69-957a-537457f9b8aa)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Emergency exit alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fault message	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Fire alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

DOOR Locking status (d21e64d6-8e5d-49bd-b045-64807287ada0)	
Alarm type: Silent	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)
Alarm type: Alarm	Data point type
	DOOR (3e8567d8-abe2-40c0-a325-d4f2d5e87467)

IQBOX (e45baf77-f2f7-4986-bc09-7a94a1392a2d)	
Alarm type: Silent	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Emergency exit alarm	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Alarm	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fire alarm	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
IQBOX Open (X %) (56022a05-1bc1-421c-a23d-96b808ce4ea9)	
Alarm type: Silent	Data point type
%	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
%	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
IQBOX FB Lock automatically (e46e533e-dc3d-4a67-9d52-ab2adafe54c6)	
Alarm type: Silent	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)

IQBOX FB Open (100%) (1d811c36-038a-45f1-a9ab-bc3ce60d1414)	
Alarm type: Silent	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)

IQBOX FB Locked (c0b78c6b-3b2d-435e-9df5-e12b18ab3604)	
Alarm type: Silent	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)

IQBOX FB Closed (0%) (9e88c581-0d8b-4689-b45f-58e1482ac7b8)	
Alarm type: Silent	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)

IQBOX Window status (f2c95dd6-71bc-40c6-a8b2-525a6075464c)	
Alarm type: Silent	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fault message	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Emergency exit alarm	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)

Alarm type: Alarm	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)
Alarm type: Fire alarm	Data point type
	IQBOX (83c8de85-8c52-44c7-9c21-f6897d11d261)

KNX.COM (f93f2cab-c63d-4800-9300-678512fe495c)	
Alarm type: Silent	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Alarm	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Emergency exit alarm	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Fault message	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Fire alarm	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)

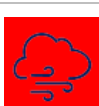
KNX.COM Rain warning (177de05f-8154-4294-8fca-01629cd81325)	
Alarm type: Silent	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Alarm	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)

	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
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KNX.COM Safety warning (7294cf9d-902e-4611-b64c-999928811711)

Alarm type: Silent	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Alarm	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)

KNX.COM Wind warning (04c858d6-3597-4feb-898b-1519895b2fe0)

Alarm type: Silent	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
Alarm type: Alarm	Data point type
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)
	KNX.COM (07b96067-d6b0-48ff-9f02-32cd8284de88)

MBZ.CM/SM (ec5d14ae-4b65-41f1-87b9-7b65e262c8eb)

Alarm type: Silent	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Alarm	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Fault message	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)

Alarm type: Emergency exit alarm	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Fire alarm	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)

MBZ.CM/SM Release alarm button (32638d19-623d-4bb9-a0f0-23cd08c9c70d)	
Alarm type: Silent	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Alarm	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Fault message	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)

MBZ.CM/SM Release detector (38c1fc3e-3e58-4dd9-9bf3-102a2c6030ae)	
Alarm type: Silent	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Alarm	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Fault message	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)

MBZ.CM/SM Fault (995f480c-cfc5-4334-9d0d-417b7c664220)	
Alarm type: Silent	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Alarm	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
Alarm type: Fault message	Data point type
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)
	MBZ.CM/SM (34c6550c-a1ac-49c0-8b45-324e87fcd2bc)

MBZ.DM/DME (9cb425b8-8d1a-4fb3-87f5-8e446f2cd010)	
Alarm type: Silent	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Alarm	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Fault message	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Emergency exit alarm	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Fire alarm	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)

MBZ.DM/DME Drive module (716398dc-c786-4a8f-913e-2d68aa83e095)	
Alarm type: Silent	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Alarm	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Fault message	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)

MBZ.DM/DME FB Stop (5fda9d77-da6e-4f7d-b422-abf1d043a69c)	
Alarm type: Silent	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Alarm	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Fault message	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)

MBZ.DM/DME SHEV (534b28c3-25cf-41c5-929b-d13401c79818)	
Alarm type: Silent	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Alarm	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)
Alarm type: Fault message	Data point type
	MBZ.DM/DME (e5852320-a36b-4dc3-b23d-b9bd9bbc1d68)

MBZ.PM/PME (11a313c0-cd96-4217-a807-f250c3837738)	
Alarm type: Silent	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fault message	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Emergency exit alarm	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Alarm	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fire alarm	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
MBZ.PM/PME Battery mode (1a2f1fef-8163-40ce-8363-a3c083d5a90e)	
Alarm type: Silent	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fault message	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
MBZ.PM/PME Battery charge/fault (465a05be-1307-4605-b85f-4d9e3e8da956)	
Alarm type: Silent	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fault message	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)

	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
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MBZ.PM/PME Temperature sensor fault (98af3873-33b8-488b-b87f-e486ef8e8e6d)	
Alarm type: Silent	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fault message	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)

MBZ.PM/PME Fuse fault (98637213-2795-43ec-bd47-11c965e871de)	
Alarm type: Silent	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fault message	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)

MBZ.PM/PME System voltage fault (4e929120-f1c2-43c6-adea-138be3289aba)	
Alarm type: Silent	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
Alarm type: Fault message	Data point type
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)
	MBZ.PM/PME (ca60ad3e-a54e-4c24-b42c-3b5c096c911e)

MBZ.WM (2081133c-39e4-46dc-9b99-8c698610c138)	
Alarm type: Silent	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
Alarm type: Alarm	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
Alarm type: Emergency exit alarm	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
Alarm type: Fault message	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
Alarm type: Fire alarm	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)

MBZ.WM Rain (541bd4d3-ba33-4666-91cd-d938c6562bc1)	
Alarm type: Silent	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
Alarm type: Alarm	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)

MBZ.WM Wind (cafd4bf2-9067-47fd-b124-5a870caad56e)	
Alarm type: Silent	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)

Alarm type: Alarm	Data point type
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)
	MBZ.WM (cee5a96d-7ecb-41f8-9c76-03bbd3292e4d)

TZ320 (3084efd0-e23e-4f06-aab2-9d57251bf987)

Alarm type: Silent	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Emergency exit alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Fault message	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Fire alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)

TZ320 Door status (d4842ab4-c668-4a84-be2f-3127e5afe307)

Alarm type: Silent	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Emergency exit alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)

Alarm type: Fault message	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Fire alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)

TZ320 Locking status (1f8fe3a8-34f8-4871-bfaf-0e48a403c605)	
Alarm type: Silent	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Emergency exit alarm	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)
Alarm type: Fault message	Data point type
	TZ320 (ba059ef2-c9f8-430f-8731-33795815bdc9)

5.4.5.8 Calendar



This function is used for the application of internal time functions in myGEZE Visu. For time functions that have to run in myGEZE Control, the data points Scene and Calendar have to be used.

The calendar function is for the maintenance of special days. A typical example is the public holiday calendar.

	Neu		Löschen
	Name	Beschreibung	ID
	Dienstag		0029f703-dae2-4d65-8887-07401d0f7825
	Donnerstag		677fefdc-c600-4b10-ad29-a9010600a9ad
	Freitag		c45087e0-ebfa-46ae-852e-48de8e6830f7
	Kalender 1		c247de9a-5743-45ab-b961-4e0c6d6af0d5
	Kalender 2		567ebfee-5171-4a20-b538-46e2ad106701
	Kalender 3		85088c1a-d876-4787-8719-74d3614076af
	Mittwoch		e0c6deca-af20-406a-8509-17834d62d2ee
	Montag		5d0ae305-0adc-42f3-a5fa-67fd4dd687ad
	Samstag		0a74314d-e053-4ffa-acbf-efbf52fe732f
	Sonntag		d0a0f442-bc13-4ec3-886b-da3ffe997cac

Fig. 79: Calendar

Table columns:

Designation	Description
Name	Clear and unique name of the calendar.
Description	Description such as function, characteristics, special features.

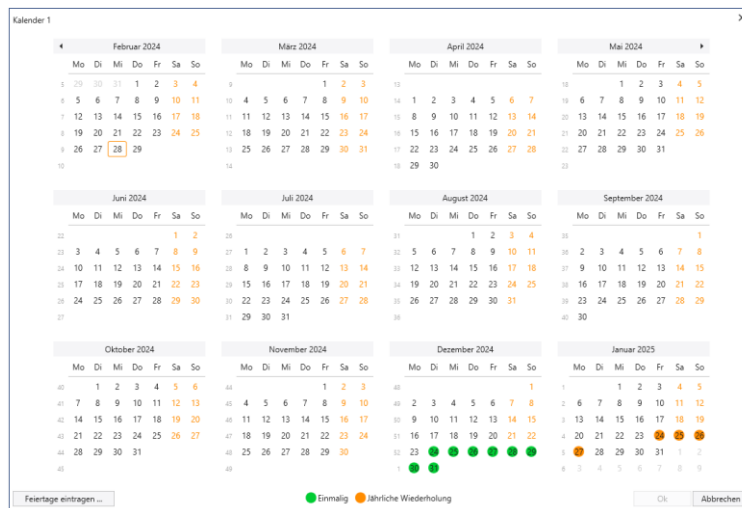


Fig. 80: Calendar overview

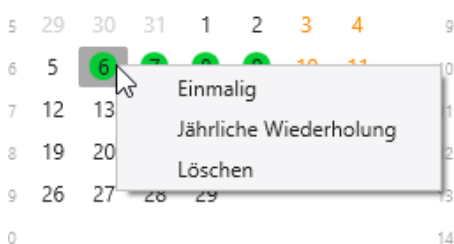


Fig. 81: Calendar overview

When the days are clicked, a menu for defining special days is opened.

Under this menu item you will find predefined calendars, and you can also configure your own calendar. On delivery of myGEZE Visu, the following calendars are included:

- ▶ Monday to Sunday
- ▶ Calendar 1 to 3

These calendars cannot be deleted and only edited to a limited extent or not at all.

5.4.5.8.1 Create new calendar

A dialogue for creating a new calendar is opened by clicking the "New" button. After entering a name and a description if appropriate, save by clicking **OK**. Then the new calendar will appear with editing symbol in the list.

Dialogue boxes

Designation	Description
Name	Clear and unique name.
Description	Detailed description of the calendar.

5.4.5.8.2 Edit calendar

When the editing symbol is clicked, the calendar dialogue is opened.

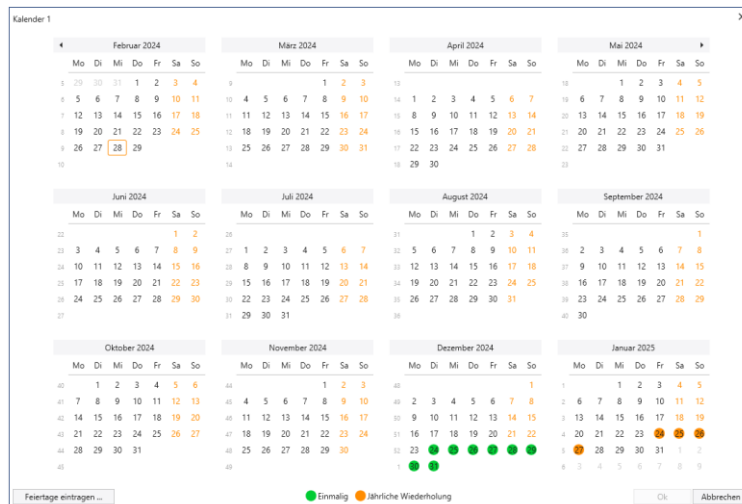


Fig. 82: Edit calendar

The calendar shows 12 months starting with the current month. Selected days are highlighted grey. The marking changes when another day is clicked. Several days in succession can be marked by keeping the left mouse button pressed. Several days which are not in succession can be marked using the control key or the shift key.

The area shown can be moved month by month using the arrow key in the header. Clicking the header field e.g. March 2024 will take you to the display with larger time ranges. To complete calendar editing, press the **OK** key. After changes have been made to a calendar, the Save button is active in the header, which is used for taking over the changes to the database.

5.4.5.8.3 Calendar context menu

Right-clicking a calendar row makes the context menu appear with the following options:

- ▶ Delete a calendar entry.
- ▶ Copy a calendar entry, creates a new table entry with a name combination containing "_copy of" and "name of the selected element".
- ▶ Copy ID – the ID of the calendar is copied to the clipboard.
- ▶ Export generates an export file to be able to import the calendar to other systems.
- ▶ Print: Print preview; see also the section on Protocols, Print.
- ▶ System report, with this function selection the system report window is shown, see chapter System report.

5.4.5.9 Time ranges



This function is used for the application of internal time functions in myGEZE Visu. For time functions that have to run in myGEZE Control, the data points Scene and Calendar have to be used.

Time ranges are used to define periods which can then be used for access.

Neu Löschen				
	Name	Beschreibung	Letzte Änderung	ID
	Zeitzone Gebäude 4			07e6df5c-a47e-492c-bc7c-8dd4fbf07959
	Zeitbereich A			e211fb41-a273-4053-b6c5-bad1f9231145
	Permanent Ein			a1458773-54d7-4d25-8fdb-09db658cd57c
	Permanent Aus			68bc907c-9913-45ed-9061-c98fa6198330

Fig. 83: Time ranges

Dialogue boxes

Designation	Description
Name	Clear and unique name of the time range.
Description	Description such as function, characteristics, special features.

The table indicates whether it is a system type. System types are delivered by the manufacturer and cannot be edited.

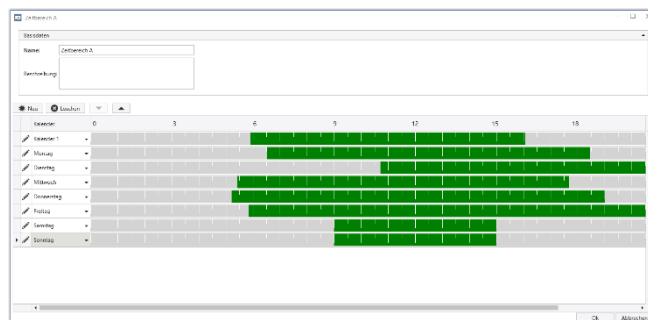


Fig. 84: Time range display

Up to five intervals can be defined per day and calendar. Under this menu item you will find predefined time ranges, and you can also configure your own time ranges. On delivery of myGEZE Visu, the following time ranges are included:

- Always and Never

These time ranges cannot be deleted or edited.

5.4.5.10 Licence

The licence information for myGEZE Visu can be found under this menu item.

Das Produkt ist registriert für:		Optionen	
GEZE GmbH Reinhold-Vöster-Straße 21-29 71229 Leonberg Kundennummer: Bauobjekt: Objektnummer: License ID: RqJcpbrbsUiRh9OtITd5Cw		Anzahl Clients 3 ☒ Multi Monitor ☒ Mandantenfähig ☒ Videointegration	
Gültigkeit			
Ablaufdatum nicht gesetzt 			
Treibertypen			
Name	Beschreibung	Anzahl Treiber	Anzahl Systeme
BACNet Driver		1	0

Gesamtanzahl myGEZE Control Device Panels: unbegrenzt

Fig. 85: Licence information

6 Configuration of a myGEZE Control system

This chapter describes how to carry out standard configuration on the basis of an example. It is to be used as a guide and has not been worded down to the last detail in every parameter, setting possible and every conceivable option.

6.1 Preconditions

The controller system myGEZE Control must have been configured completely. The two configuration files for the control are available:

- ▶ myGEZE_DeviceImport.csv Configuration of the connected devices
- ▶ myGEZE_StateTexts.csv Definition of the state and level texts of the digital points

Most areas of myGEZE Visu can be configured online i.e. without an operational controller being connected.

There are only 2 parts excepted from this:

1. The state and level texts configured via the import file only become effective when there is a connection to the controller. The data are imported directly, they only become effective through online synchronisation with the controller. This does not have any effect if the default texts in German or English or used. These are implemented in myGEZE Visu.
2. Configurations of scenes, timer schedules and calendar data can only be made when there is an operational connection to the controller. The data necessary for this are not available in the offline configuration file.

It is generally recommended to connect the respective operational controller to myGEZE Visu during the configuration.

This allows the settings for the BACnet driver to be tested successfully at this point. Incorrect configurations in interaction with the controller thus immediately become apparent.

6.2 Create system

Heed the following work steps to create a system:

- ▶ Open myGEZE Visu CC
- ▶ Change to System / Connections
- ▶ Create a new system using the "New" button

The screenshot shows the 'Neues System' dialog box with the following values:

- Name: myGEZE Control Technikraum EG
- Beschreibung: Controller für die Türsysteme EG
- Systemtyp: myGEZE Control
- Ausfallverzögerungszeit (Sek.): 0
- Zeitsynchronisation: ☒
- Meldungsüberwachungstyp: Aus
- Meldungsüberwachungszeit (HH:mm): 00:05
- Nur vorhandene Datenpunkte verwenden: ☐
- Datenpunktnamen aktualisieren: ☐
- Datenpunkttypen aktualisieren: ☐
- Datenpunkt-Beschreibung aktualisieren: ☐
- myGEZE Control
- Adresse: C0-A8-02-FF-BA-C0
- Instanznummer des Systems: 47
- myGEZE_DeviceImport Datei: [File selection icon]
- myGEZE_StateTexts Datei: [File selection icon]
- COV-Abonnement alle X-Sek. erneuern: 300
- Standard Poll-Intervall: 10

Fig. 86: Create system.

- ▶ After the created configuration has been entered, confirm with OK and save with Save.

Name	Designation for the system
Description	Free text for description
System type	myGEZE Control
Time synchronisation	Check the box if myGEZE Visu is to synchronise the time
Message monitoring	Off
Address	See following section
Instance number	BACnet DeviceID (instance) of the controller system
myGEZE_DeviceImport	Select import file
myGEZE_StateTexts	Select StateText file
COV subscription	300 (default)
Default poll interval	10 (default)

If an operational controller is not available:

Then a theoretically possible IP address + BACnet port of the controller must be entered in the address box in HEX notification to complete the address parameters.

This is necessary because the driver will not be started until the configuration is complete. IP address + BACnet port are part of the configuration.

Since myGEZE Visu cannot determine these offline using the "Who-is" BACnet service, an address has to be entered here.

Example:

IP address: 192.168.1.125 BACnet port: 47808

HEX notification C0-A8-01-7D BA-C0

The complete entry is then: C0-A8-01-7D-BA-C0



Note: This address must be removed once the offline configuration has been completed. Otherwise the live system will not start a request (Who-is) in the network when the system starts and determine the actual address.

myGEZE Visu creates the data points for the devices read in as well as a system data point for the controller. This can take a few seconds.

Systemzustand

Muster_Komplett

Suche

Name	Priorität	Beschreibung	Typ	System	Eigenschaft 0
Automatik	1000	DCU	DCU	Muster_Komplett	Türtyp: Schiebetür 1
MBZ_CM	1000	MBZ_CM	MBZ_CM/SM	Muster_Komplett	Shev Alarmzustand: li
Rettungswegsystem	1000	TZ320	TZ320_Spezial	Muster_Komplett	Betriebsart: Entriegelt
Calendar_1	0		CAL	Muster_Komplett	aktueller Wert: Aktiv
Dig_Ausgang	0	IO_DO	DO	Muster_Komplett	Binärausgang: Inaktiv
Dig_Eingang	0	IO_DI	DI	Muster_Komplett	Binäreingang: Aktiv
DOOR	0	DOOR	DOOR	Muster_Komplett	Türzustand: Zu
IQ_BOX_KNX	0	IQ_BOX_KNX	IQBOX	Muster_Komplett	Position: 55
KNX_COMMON	0	KNX_COMMON	KNX.COM	Muster_Komplett	Sicherheitswarnung: 1
Kombination aus Automatik und RWS	0	DCU + TZ320	DCU+TZ320	Muster_Komplett	reduzierte Weite: Son
MBZ_DM	0	MBZ_DM	MBZ_DM/DME	Muster_Komplett	Fensterzustand: Geste
MBZ_PM	0	MBZ_PM	MBZ_PM/PME	Muster_Komplett	Batteriebetrieb: Inakt

Fig. 87: System status



If the devices are not available online, it is completely normal for an error message to be shown for the module types with connection monitoring.

6.3 Check alarm types

The devices have been imported with the default alarm types. They are available immediately in the system with these settings. Unless anything special has to be set, nothing else has to be done here. If special settings are necessary, they can be adapted as described in the chapter [Alarm types](#).

Example of default:

Alarmtypen

Neu Löschen

	Name	Beschreibung	Bild	Farbe	Schriftfarbe
	Alarm	Allgemeiner Alarm		Rot	Weiß
	Brandalarm	Brand-Alarm		Rot	Weiß
	Fluchttür-Alarm	Fluchttür/Rettungswegsystem-Alarm		Rot	Weiß
	Meldung	Allgemeine Meldung		#FFFF6600	Weiß
	Störmeldung	Störmeldung		#FFFFCC00	Weiß
	System	System/Netzmeldung		#FFFF6600	Weiß
	Wartung	Wartung		#FF0070C0	Weiß
	Zeitmeldung	Zeitmeldung und Zeitsteuerung		#FF003300	Weiß

Fig. 88: Default settings for alarm types

6.4 Devices in myGEZE Visu

The configured devices are available on the user interface of the Client under data points. Alarm handling is also available using the workflows set as default.

Alarmstapel Alarmbearbeitung Standorte Kameras Bedienteile Systeme Datenpunkte

Name	Priorität	Beschreibung	Typ
Automatik	1000	DCU	DCU
MBZ_CM	1000	MBZ_CM	MBZ.CM/SM
Rettungswegsystem	1000	TZ320	TZ320_Spezial
1_DCU_SCHIEBETUER	0	Schiebetür Eingangshalle	Muster_Alarmtypen
Calendar_1	0		CAL
Dig_Ausgang	0	IO_DO	DO
Dig_Eingang	0	IO_DI	DI
DOOR	0	DOOR	DOOR
FUN_DEVICE_BEL01	0	Gerätebeleuchtung rot	DO
FUN_DEVICE_BEL02	0	Gerätebeleuchtung grün	DO
IQ_BOX_KNX	0	IQ_BOX_KNX	IQBOX
KNX_COMMON	0	KNX_COMMON	KNX.COM
Kombination aus Automatik und RWS	0	DCU + TZ320	DCU+TZ320
MBZ_DM	0	MBZ_DM	MBZ.DM/DME
MBZ_PM	0	MBZ_PM	MBZ.PM/PME
MBZ_SM	0	MBZ_SM	MBZ.CM/SM
MBZ_WM	0	MBZ_WM	MBZ.WM
Muster_Komplett	0	alle Typen einmal	System

Fig. 89: Overview of myGEZE Visu devices

6.5 Create drawings

In accordance with the specifications of the end customer/user, the corresponding system graphics can now be prepared under the tab Views/drawings.

6.6 Authorisations

There is an 'admin' account with the default password set up in the basic system. This default password should be changed if possible. Depending on the specification of the end customer/user, further operators, operator groups and roles can now be created.



The passwords entered for the users can no longer be read out of the system. Passwords should be noted once by the central configuration engineer during preparation of the system, this should be communicated to the respective operators with the request to adapt their access data the first time they log in.

6.7 Message handling

The devices have been imported with default message handling. They are available immediately in the system with these settings. If special settings are necessary, they can be adapted, as described in the chapter [Message handling](#).

It must be assumed that the areas customers, contacts, documents must be adapted to the specific project for [Event information](#).

6.8 Set up email alerts

By default, a condition is predefined under [Message handling / Conditions](#) for sending e-mail notifications. This is installed during installation.

Suche							
Basisdaten							
	Name	Beschreibung	Position	Aktiv	Keine Ala...	Imme...	Workflow
	Default Workflow Trigger		1	☒	☒	☐	Default Workflow
	E-Mail Benachrichtigung	Senden von Mails bei Alarm, Störung, Ereignissen	2	☐	☒	☐	

Fig. 90: Email alerts

The condition is not switched active and its configuration has not been finished yet.
Settings:

Name: E-Mail Benachrichtigung

Beschreibung: Senden von Mails bei Alarm, Störung, Ereignissen

Position: 2

Aktiv: ☐

Keine Alarmwiederholung: ☒

Immer ausführen: ☐

Maßnahme

Workflow: **Priorität:**

Aktion: Default E-Mail Notific... **Ausführungsort:** Server

Wann

Vorbedingung: **Zeitbereich:** Immer

Zustandsänderung/Event mit/von

Alarmtyp:
 Alarmgrund:
 Bei A. Priorität:
 Bei A. Workflow auslösen: Ja
 Bei A. Anzeige:
 Bei A. signifikante Änderung:
 Bei A. Wartung:
 Bei A. Statistik:
 Bei A. OffNormal:
 Ort:
 Treibertyp:
 Treiber:
 Systemtyp:
 System:
 Datenpunktyp:
 Kind-Datenpunktypen einbeziehen: ☐
 Datenpunkt:

Ok Abbrechen

Fig. 91: Email notification

Name	E-mail notification (default)
Description	Mails are sent for alarm, fault, events (default)
Position	1 (default)
Active	Check the box if this is to be used
Always execute	Prevents messages from being sent multiple times if the message flickers: On (default)
Workflow	Empty (default)
Priority	Empty (default)
Action	Default e-mail notification
Place of execution	Server
Precondition	Empty (default); cannot be selected
Time range	Empty (default); here, a previously created internal time range can be used e.g. mails only during operating hours
Change in status	Default: For A. Trigger workflow: Yes. Further restrictions possible

Settings for the e-mail account:



For complete configuration, some mail account data must be available from the customer/operator. Further information under the list of parameters (these parameters are marked (user specification)).

Use the button "... " for **Action** to change to the settings dialogue.

Aktion: Default E-Mail Notific... ...

Ausführungsort: Server

Fig. 92: Switch to the settings dialogue.

Settings dialogue

Aktionsparameter

Workflow Skript Parameter **Aktionsparameter**

Name	Wert
Body	{PropertyChange.Alarmreason.Alarmtype.N
Enable SSL	☒
Login before Send	☒
Password	
Repeater on Error	3
Sender E-Mail	myVisu@Kundensystem.com
Sender Name	myGEZE Visu
SMTP Address	mail.Kundenmailserver.net
SMTP Port	587
Subject	{PropertyChange.Alarmreason.Alarmtyp...
User	Account_Visu@Kundensystem.com

Fig. 93: Settings dialogue

Body	Defines the content of the e-mail sent
-------------	--

Default

{PropertyChange.Alarmreason.Alarmtype.Name} / {PropertyChange.Alarmreason.Name}

Data point: {Datapoint.Name} ({Datapoint.PhysicalAddress})

System: {Datapoint.Device.Name}

Trigger state: {PropertyChange.ValueString}

This generates this content in an e-mail

Notice: This is an external email.

Please only open links and attachments if you trust the sender.

Emergency exit alarm / emergency open emergency exit

Data point: PFWR0009IWA1EL10 (TZ320 1)

System: Sample configuration

Trigger status: alarm

Enable SSL	Default: active (user specification)
-------------------	--------------------------------------

Login before Send	Default: active (user specification)
--------------------------	--------------------------------------

Password	(user specification)
-----------------	----------------------

Repeat on Error	Default: 3
------------------------	------------

Sender email	Name of the sensor in the email (user specification)
---------------------	--

SMTP address	(user specification)
---------------------	----------------------

SMTP port	(user specification)
------------------	----------------------

User	(user specification)
-------------	----------------------

Subject	Defines the subject of the email sent
----------------	---------------------------------------

Default

{PropertyChange.Alarmreason.Alarmtype.Name} / {PropertyChange.Alarmreason.Name} - {Datapoint.Name}

This generates this subject in an email

Emergency exit alarm / emergency open emergency exit- PFWR0009IWA1EL10

Use under event information

The basic configuration prepared in this way can now be used in event information. To do this, change to the corresponding settings dialogue:

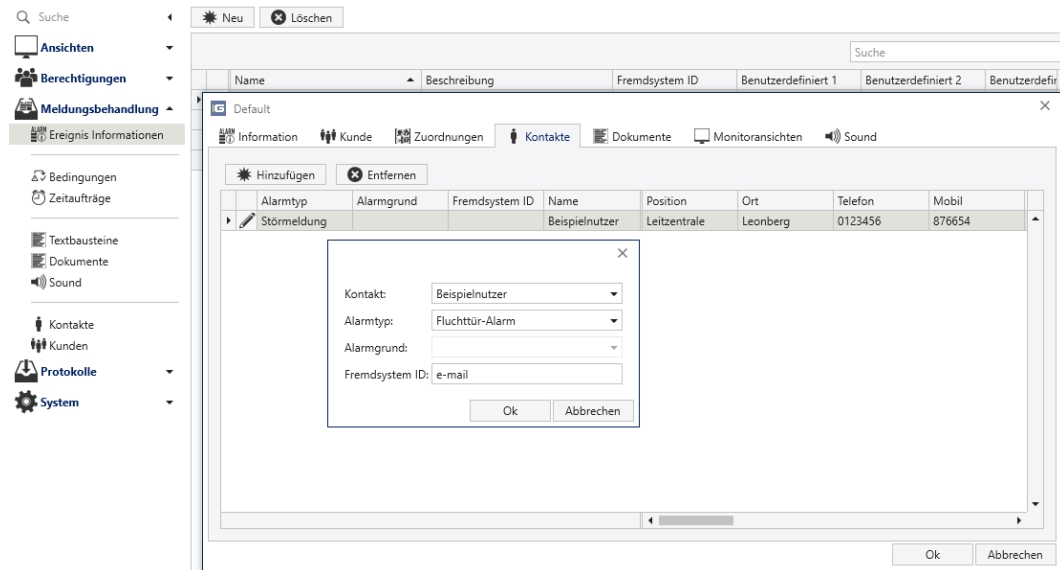


Fig. 94: Event Information settings dialogue

Settings

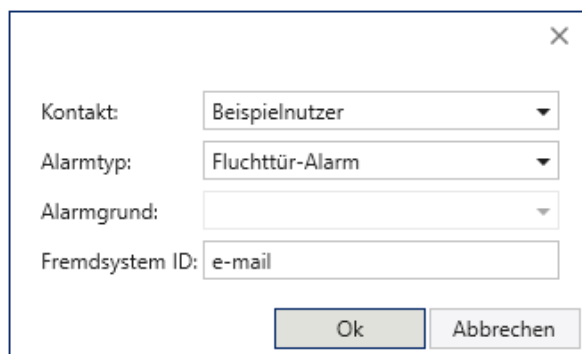


Fig. 95: Settings

Contact

Use contact created. There **MUST** be an email address entered for this contact.

Alarm type/reason

This can be used to restrict the reasons for which an email is sent. Boxes can be empty.

External system ID

The description 'email' MUST be entered here.

6.9 Save the configuration and import it to the customer

Save the data at the configuration computer as described in the chapter [Back-up master data](#)/Manual export of master data.

Settings

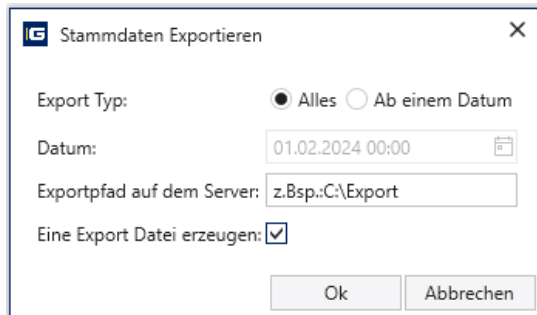


Fig. 96: Export master data

Export type	Everything; so that the whole configuration is saved.
Export path	Set required path
Generate one export file	Yes

Restore the back-up created according to chapter [Back-up master data](#) / Master data and import to the final system.

6.10 Put the myGEZE Visu server into operation at the customer system

For the customer system to be completely functional, some conditions have to be checked and settings made.

Generally speaking, the myGEZE Visu system has to be integrated in the customer's IT network.

Some key data

- ▶ Computer system for myGEZE Visu server is completely in operation.
- ▶ IP addressing is known and set.
- ▶ myGEZE Visu server is available to all the necessary points in the network.
 - Automation network: the myGEZE Control systems are available.
 - Management Network: Client operating stations and web operating stations are accessible.
 - Internet access for remote maintenance has been set up if necessary.
 - Network ports for communications have been cleared.
- ▶ SMTP access data are known, set, SMTP server is also set up for this (if emails have to be sent).

Necessary network port

Server port	Port on which the myGEZE Visu server can be accessed; Default value: 30000
Server TSL Port	Port on which the myGEZE Visu server can be accessed for encrypted connections; Default value: 30001
BACnet port	UDP: 47808 (default) possible range 47808 ... 47823



These network ports must have been cleared by the infrastructure.

Customer licence

The system must have a valid licence.

- ▶ If this has not already been done during [installation](#), the licence can be imported.

Setting of the BACnet driver

Click the BACstac button on the top right under the **Systems/Connections/Drivers** tab.

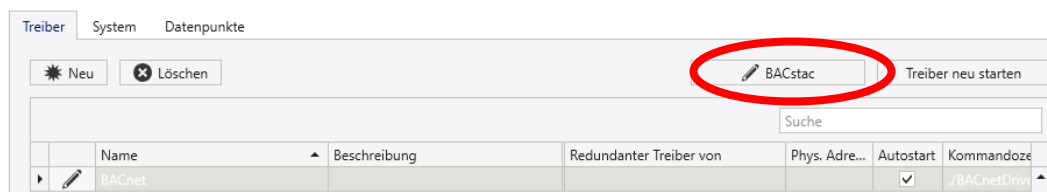


Fig. 97: Configuring the BACnet driver

Check settings for the BACnet driver / correct if necessary:

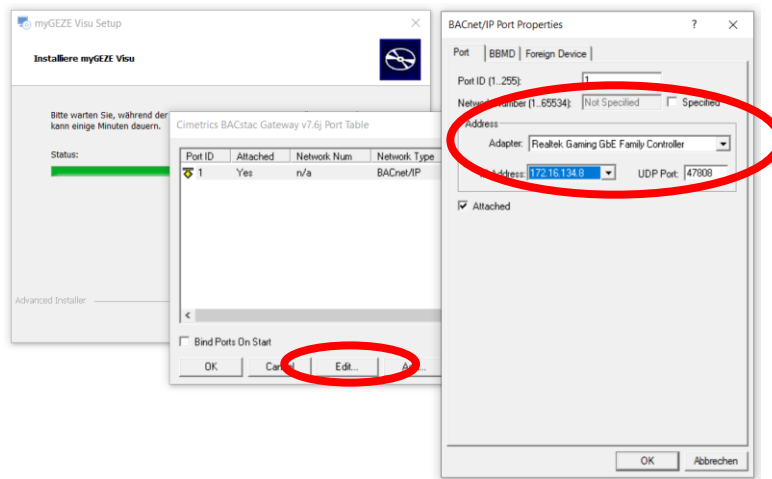


Fig. 98: myGEZE Visu setup

6.11 Link myGEZE Visu Clients

For a Client operating station to be linked to the myGEZE Visu server, [installation](#) must have been carried out on the computer system. It suffices only to install the Client.

Then set up a connection to the server. This is usually realised via a secure connection and the default port server TLS port 30001.

The connection Server <> Client is configured in the [Startup configuration tool](#).

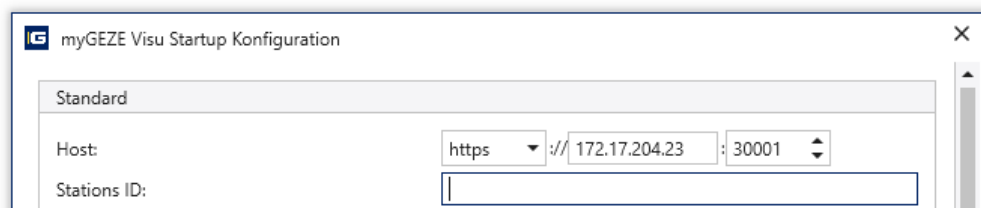


Fig. 99: myGEZE Visu start-up configuration

Host

Type https

Address IP address or host name of the server system

Port 30001 (TLS port)

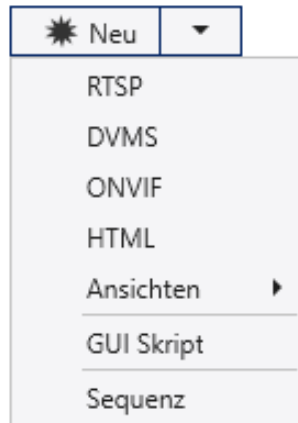
Carry out further settings, such as how the operating station is to be set up.

6.12 Quick guide to integrating a camera

A quick guide on how to integrate a camera and automatically include it in the alarm workflow.

In CC, switch to the Drawings tab.

If you click the downward arrow next to the “New” button, further options will appear for the creation of special drawings.



Select the type of camera driver you are using and fill in the details as per the manual.

ABUS

Name: ABUS

Description: Camera View TZ320

Visible in Tree: ☒

Camera Panel: ☒

User: myGEZEVisu

Password:

URL: rtsp://<User>:<Password>@172.16.134.167

Insert Placeholder in URL:

Parameter:

Fig. 100: Example with RTSP driver

6.12.1 Possible views

When you select 'Camera Panel', the image will automatically appear in the client under the Camera tab.

ABUS

Name: ABUS

Description: Camera View TZ320

Visible in Tree: ☒

Camera Panel: ☒

User: myGEZEVisu

Password: ••••••••

URL: rtsp://<User>:<Password>@172.16.134.167

Insert Placeholder in URL: User Password

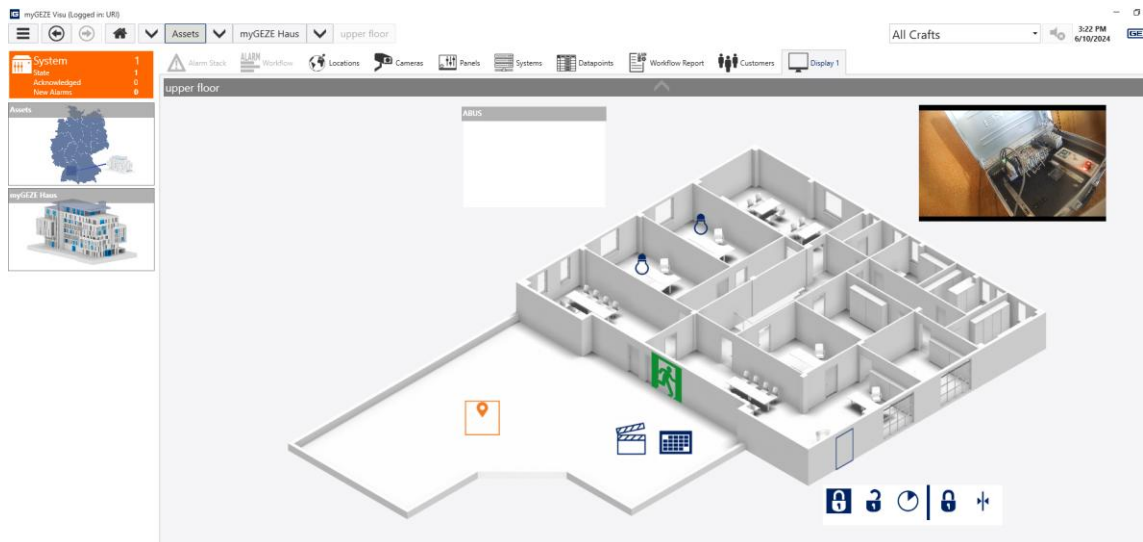
Parameter:

Test

Ok Cancel

6.12.2 Embedding in an existing view

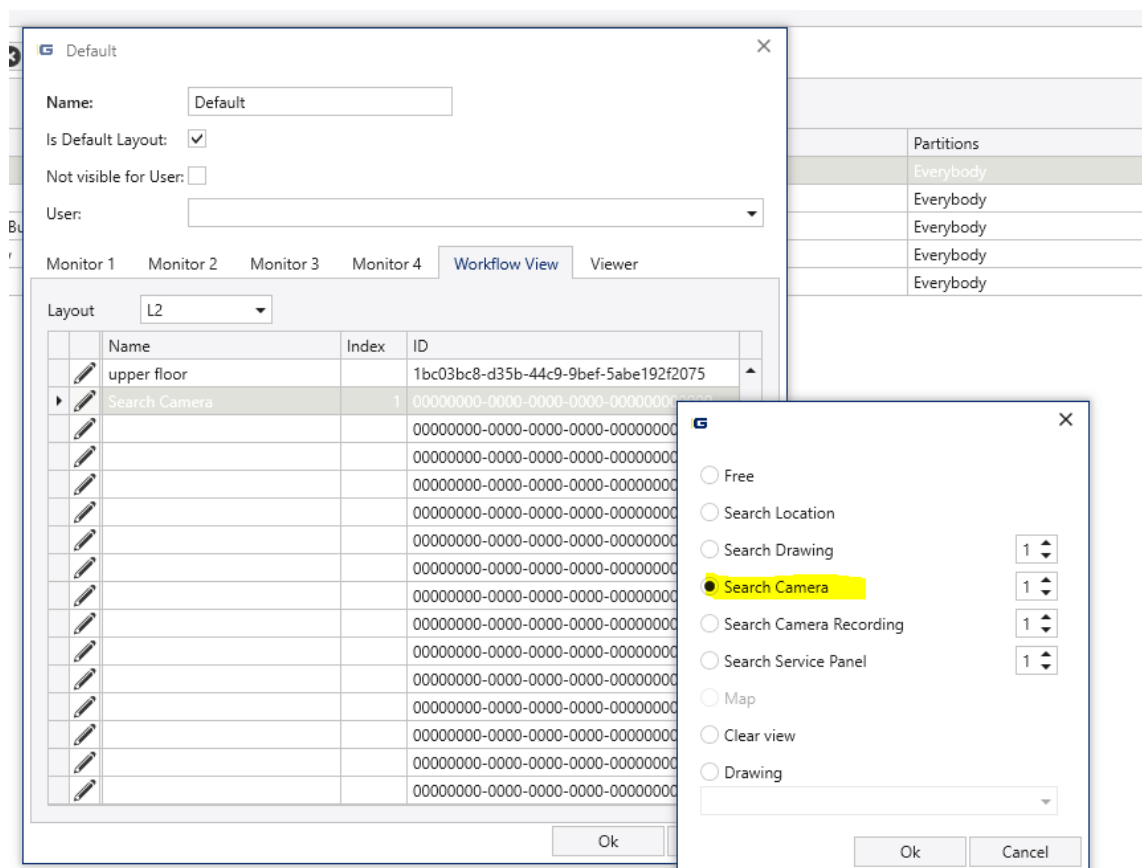
An image created in this way can also be incorporated into an existing graphic. To do this, use 'Link Drawings' in the editor to create a link to the camera image. This can be done in various ways, either as a direct jump to the drawing (as shown in the example on the right) or as a preview of the drawing (on the left).



6.12.3 Integrate into the alarm workflow

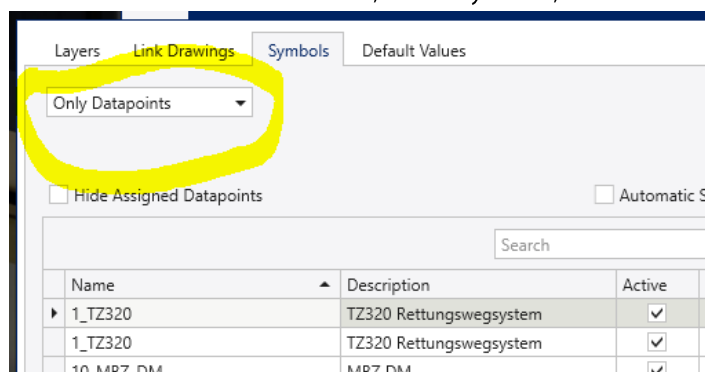
A camera feed like this can be dynamically integrated into the alarm workflow. 'Dynamic' means that if you have several cameras, the system will always display the one from which the alarm originated. This works via the link shown in the diagram to the trigger system. To do this, you need to configure the workflow view once so that it searches for a camera.

- ▶ In CC, switch to monitor views under Drawings
- ▶ Edit the desired view there; in this example, the default workflow
- ▶ In the Workflow view, select the 'Search Camera' function at the point where you want the camera to be displayed.

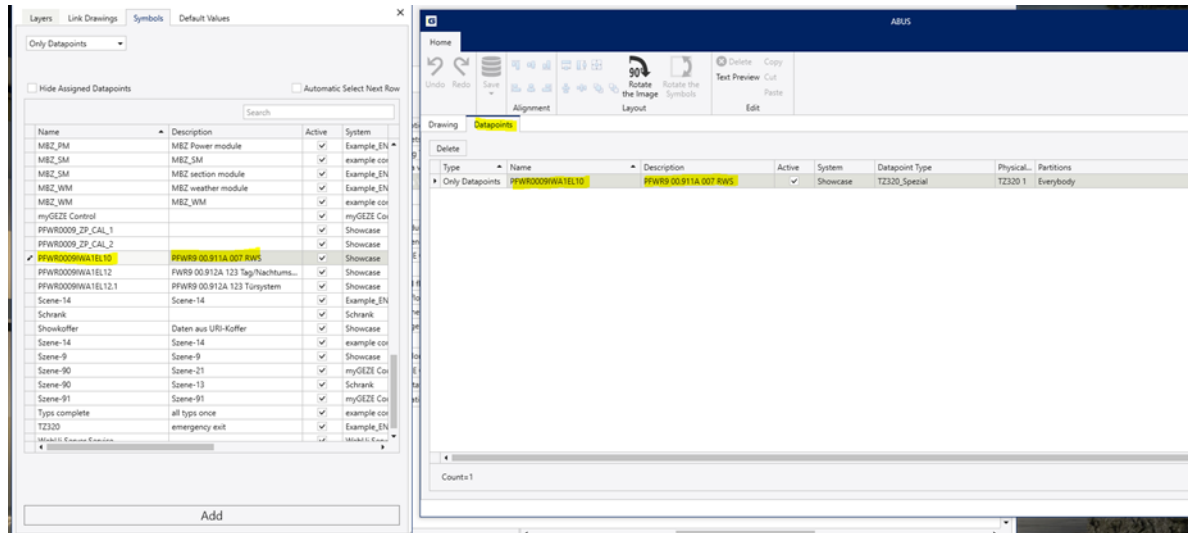


You then need to configure the trigger data point or device in the relevant camera images. There may be several triggers as well.

- ▶ In CC, under 'Drawings', open the drawing for the relevant camera to edit it
- ▶ In the editor window, under 'Symbols', switch to 'Data points only'



- Locate the trigger device and add it to the graphic using the 'Add' button.



- Save the graphic.

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