

Gate Control mobile application for Gate Control PRO 20/1000 devices

USER'S GUIDE

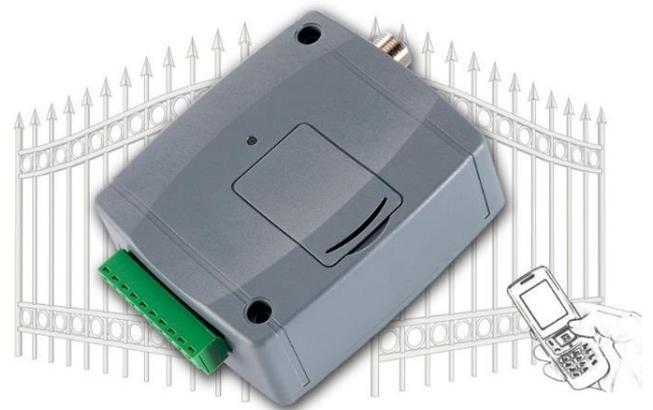
for application version v3.2.1 and newer

Document version: v4.0 25.03.2019

- **Brief description of the product**

The **Gate Control PRO** device is a GSM-based remote control for electric gates and barriers. The **Gate Control** mobile application helps you to control your gate/barrier using your smartphone by a simple button tap or GSM call.

The application makes it possible to download logs about control events and to read, change or delete users and settings. You can find detailed information about queries and other operations in the chapters below. Queries and operations (reading, writing, deleting) are only available with the appropriate permissions. The software is available for Android and iOS platforms. The pictures found in this document illustrate the usage with an Android smart device.



- **System requirements**

- Minimum Android version: 4.0
- Minimum iOS version: 7.0

- **Data traffic**

Warning! Controls, data sending and downloading are done over the Internet, therefore the application generates data traffic during use. Please use the online camera image viewing function with special attention with regard to data traffic.

- **Permissions**

The user may have one of the following permissions: User or Administrator. This document presents the full functionality. Certain functions are only available for users who have **Super admin** or **Admin** (administrator) permission.



- **Adding a new device**

In the mobile application, each **Gate Control PRO** device is represented on the main screen by a device button (object) with a customizable icon. The number of devices you can add in the application is not limited, i.e. you can add and control with the application any number of **Gate Control PRO** devices. A new device can be added by direct registration or by sending a registration request, and if this is approved, the device button will be added automatically to the main screen. Direct registration is available by SMS or by Push notification over the Internet, while a registration request can only be sent over the Internet. (The system called Push Notification is a notification manager application which makes it possible to send messages over the Internet as notifications).

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1 Quick start guide

1.1 First steps, if no users are added yet to the system

1. Configure the following settings using the **Gate Control PRO** PC software (you can find detailed description about the usage of the **Gate Control PRO** PC software in the **Gate Control PRO 20/1000** installation and application manual):

- Select the “**General**” device settings menu and configure the following settings:
 - “**APN**” (settings necessary for using the mobile Internet)
 - “**Device phone number**”, “**Device name**” (settings necessary for identification of the **Gate Control PRO** device)
 - **Time zone** (settings necessary for adjusting the system time)
 - Enable the “**Cloud usage**” option.

Explanation:

APN: the APN name necessary to connect to the Internet. (Ask for this from the GSM service provider of the SIM card installed in the **Gate Control PRO** device.)

The connection over the Internet is realized through the cloud service operated by the manufacturer, which you can use free of charge.

The availabilities of the server operated by the manufacturer are the following:

Server IP address: 54.75.242.103

Server port: 2016

- It is necessary to add at least one user with administrator permission, who uses the **Gate Control** mobile application and further manages through this registration requests sent by new users via the mobile application, who wish to join the system (receives notification about registration requests and can approve or refuse these requests). Select the “**Users**” menu and add yourself with **Super admin** or **Admin** permission, and also configure the phone number of your smartphone on which you wish to use the mobile application.

2. Install the **Gate Control** mobile application onto your smartphone. Depending on the platform of your smart device, the application can be downloaded free of charge from **Google Play** or **App Store**.

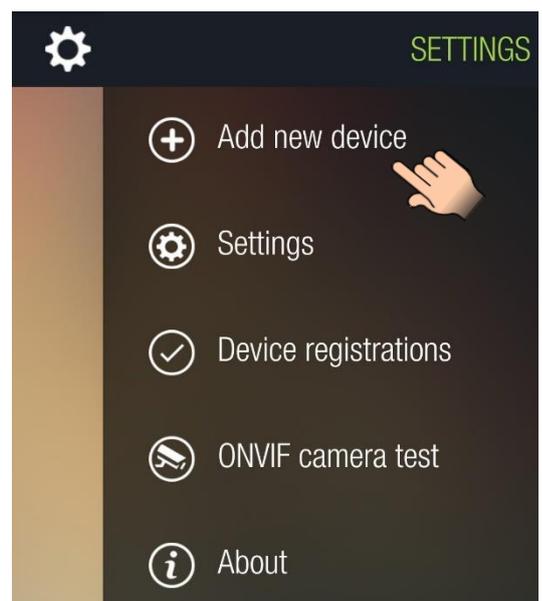
The application’s exact name is: **GATE Control**

The developer’s name is: **T.E.L.L. Software Hungaria Kft.**

Application icon:



3. Open the mobile application. To add a **Gate Control PRO** device, open the settings main menu by tapping on the “**Settings**” icon, and then choose the “**Add new device**” option.



There are multiple options to associate the mobile application with the **Gate Control PRO** device:

- Registering over the Internet:
 - by reading the QR code for app registration requiring approval
 - by reading the QR code for direct app registration
 - by filling in the data fields manually
- Registering by SMS

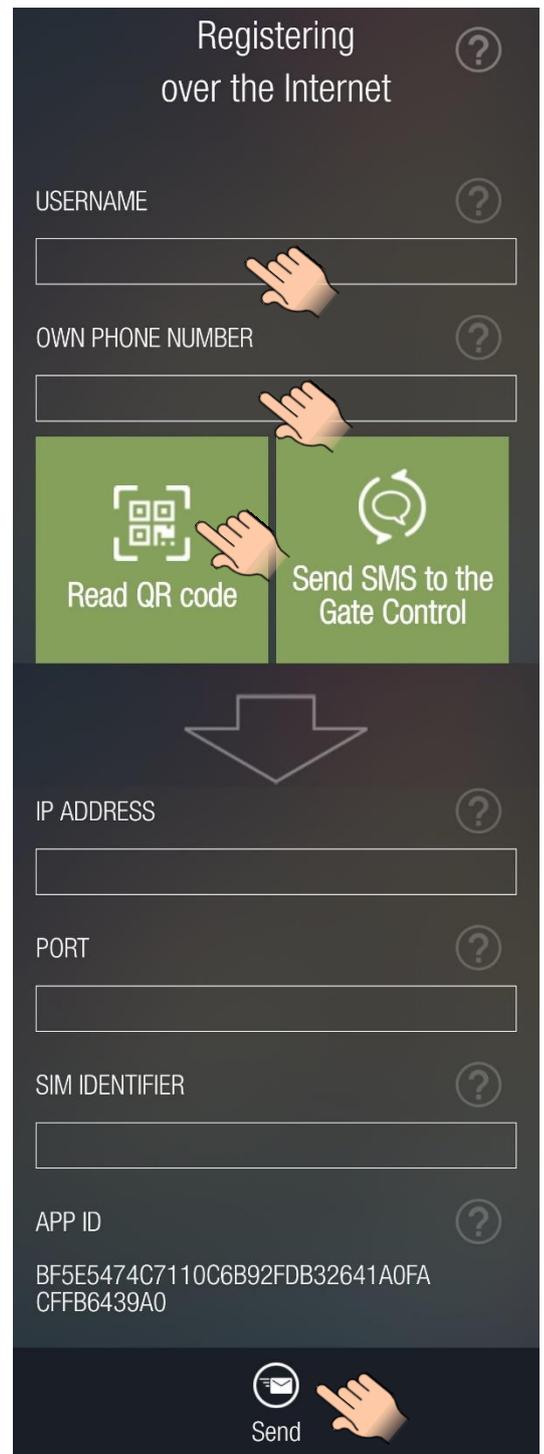
The easiest and fastest way from the options mentioned above is registering over the Internet using the QR code for app registration requiring approval. For this, please follow the steps below.

4. From the registration options, choose the option of registering over the Internet

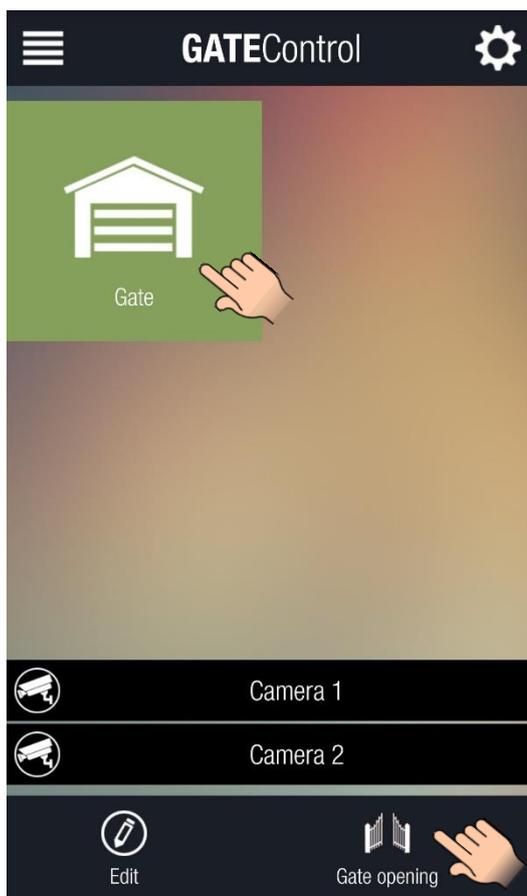
- In the “**USERNAME**” field enter the user name which you have added in the **Gate Control PRO** PC software. The user name should not exceed 40 characters. The user name is case sensitive. Entering a user name is mandatory. Attention! The following characters should not be used: ~ ^ < > = ' " , | \$ &
- Filling in the “**OWN PHONE NUMBER**” field is not mandatory. You can provide here the phone number of your mobile device, the same which you have configured in the programming software when you have added the user). You can control the **Gate Control PRO** device by call from this phone number, if controlling over the internet fails for any reason. Therefore it is important to enter the phone number correctly.
- For providing the IP address, the port number, and the SIM identifier, read the QR code for app registration requiring approval from the programming software. In order to make the QR code available, connect the **Gate Control PRO** device to the PC with the SIM card installed, read the settings from the device in the programming software, and then click on the “**QR code**” button in the “**Mobile devices**” menu, and select the “**QR code for app registration requiring approval**” tab.



- After reading the QR code for app registration requiring approval, tap on the “**Send**” button.

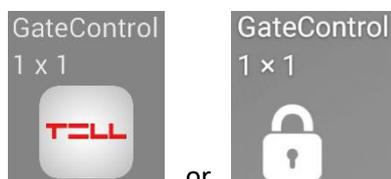


- In a few seconds you will receive your own registration request on your mobile device by Push notification. Open your phone's notification bar and tap on the received message. By this, the **Gate Control** application will open the registration request. Tap on the **"Approve"** button found at the bottom of the registration form to approve your registration. As an alternative, you can also approve the registration in the programming software (details on this you can find in the user's manual of the **Gate Control PRO** device).
- After that, the mobile application connects to the **Gate Control PRO** device over the Internet and validates the app registration, and then it adds the device button to the main screen.
- To control your gate, select the device button by a short tap, and then tap on the **"Gate opening"** button.



Widget support:

The application also supports widgets. You can add a widget to the home screen of your mobile device for each gate controlled by **Gate Control PRO** devices added in the application. Using widgets, you can control your gates by a single tap on your home screen. Depending on the Android version of your mobile device, you can find the widget adding option in the **"Applications and widgets"** or **"Widgets"** menu of your mobile device, with the name and icon shown in the picture below.



Existing user registration request

NAME

PHONE NUMBER

AUTHORIZER

PERMISSION
 Super administrator

ACCESS TEMPLATES

Morning

Afternoon

Callback requested

SMS response requested

Camera 1

Camera 2

Output 1

Output 2

Output 1 by phone call

Output 2 by phone call

Push notification (Doorbell)

Push notification (technical error)

Push notification (gate limit error)

SMS notification (gate limit error)

CUSTOM RULE

AUTHORIZER

From Until

Comment

1.2 Adding further users through the *Gate Control* mobile application

The newer user who wishes to register needs to follow the steps below:

As a new user, install the **Gate Control** smartphone application. Depending on the platform of your smart device, the application can be downloaded free of charge from **Google Play** or **App Store**.

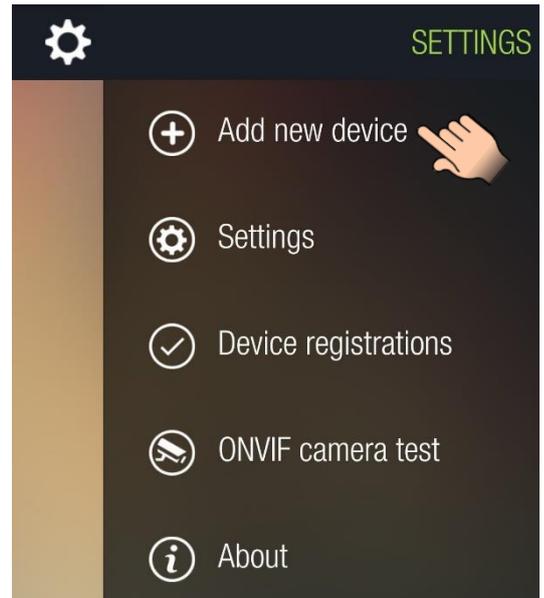
The application's exact name is: **GATE Control**

The developer's name is: **T.E.L.L. Software Hungaria Kft.**

Application icon:



Open the mobile application. To add a **Gate Control PRO** device, open the settings main menu by tapping on the "Settings" icon, and then choose the "Add new device" option.



There are multiple options to associate the mobile application with the **Gate Control PRO** device:

- **Registering by SMS:**

You can choose this option if your phone number has already been added in the given **Gate Control PRO** device, i.e. if you are a registered user in the system. In case of choosing this registration option, registering the mobile device will be done directly, without notifying the administrators, therefore there is no need to wait for an administrator's approval.

- **Registering over the Internet:**

- **by reading the QR code for app registration requiring approval**

Choose this option if you have the QR code for app registration requiring approval, generated from the given **Gate Control PRO** device. In this case, your registration request will be sent to the administrators registered in the given **Gate Control PRO** device. You can use the mobile application to control the given **Gate Control PRO** device as soon as an administrator approves your registration.

- **by reading the QR code for direct app registration**

Choose this option if you have the QR code for direct app registration, generated from the given **Gate Control PRO** device, and the app registration password configured in the given **Gate Control PRO** device. In this case, a new data input field will show up additionally after reading the QR code, where you have to enter the mentioned password. If you choose this option, your mobile device will be registered directly in the **Gate Control PRO** device, without notifying the administrators, therefore you don't have to wait for an administrator's approval.

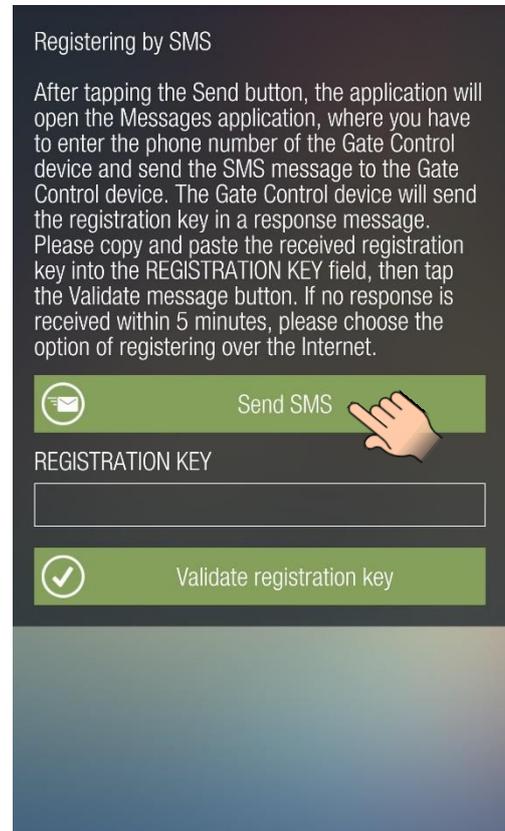
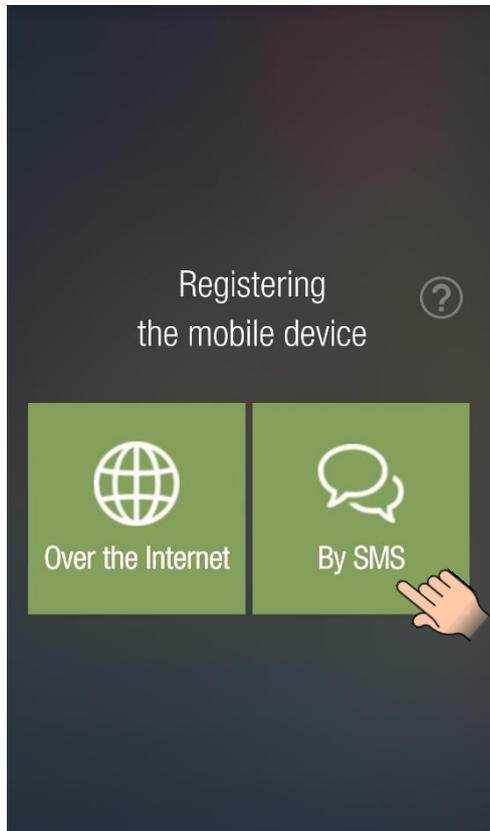
- **by filling in the data fields manually**

Choose this option if you do not have any of the QR codes of the **Gate Control PRO** device, but you know the data necessary for filling in the data fields, or you know the phone number of the **Gate Control PRO** device, and thereby you can retrieve the data via SMS using the mobile application. If you choose this option, your registration request will be sent to the administrators registered in the given **Gate Control PRO** device. You can use the mobile application to control the given **Gate Control PRO** device as soon as an administrator approves your registration.

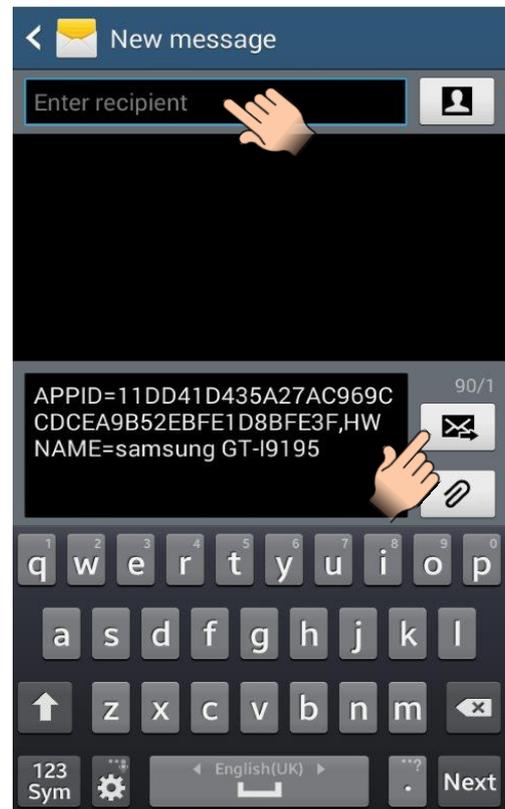
1.2.1 Registering the mobile device via SMS

If you are a registered user already (your phone number has been added earlier in the given **Gate Control PRO** device) and only wish to register the **Gate Control** application, you can choose registration by SMS. In this case registration will be done directly in the **Gate Control PRO** device, therefore there is no need to wait for an administrator to approve your registration. For registration by SMS please follow the steps below:

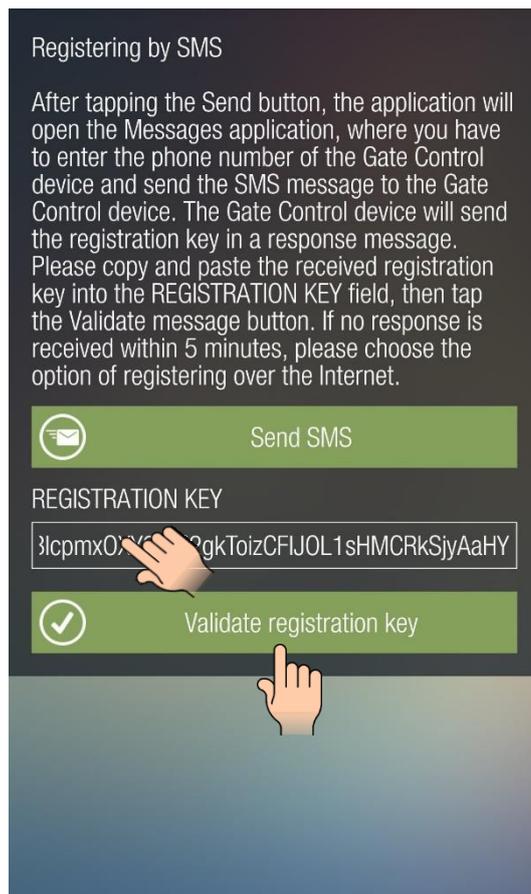
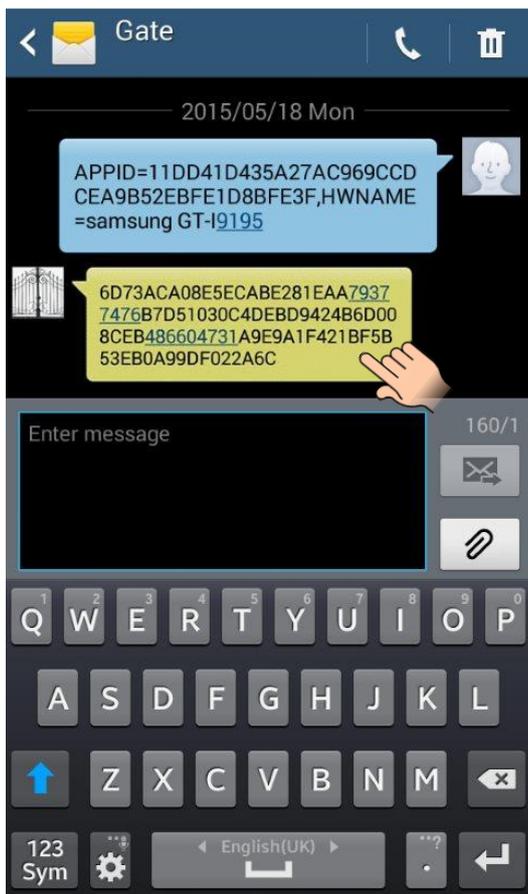
1. From the registration options, choose the option of registering by SMS.



2. Tap on the “Send SMS” button. The **Gate Control** application will open the phone’s default SMS sending application and will automatically insert the message to be sent into the message window . Do not modify the message! Enter the phone number of the **Gate Control PRO** device as the recipient and send the message. The **Gate Control PRO** device will send a response message in a few seconds, which will contain your registration key.



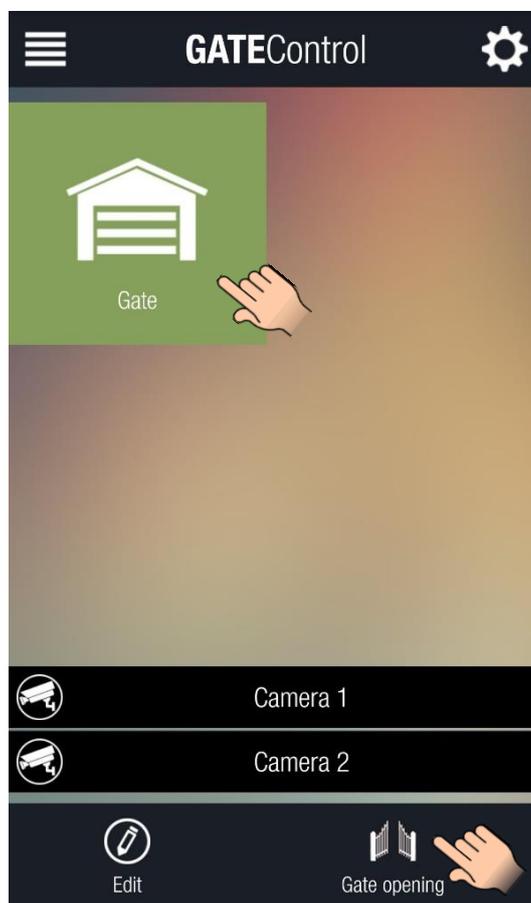
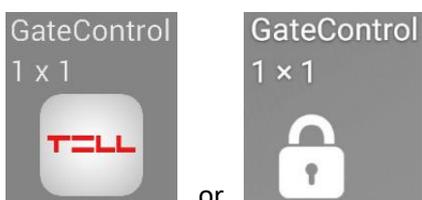
- Copy the registration key from the received message, go back to the **Gate Control** application, paste the registration key into the “**REGISTRATION KEY**” field, and then tap on the “**Validate registration key**” button.



- After that, the mobile application connects to the **Gate Control PRO** device over the Internet and validates the app registration, and then it adds the device button to the main screen.
- To open your gate, select the device button by a short tap, then tap on the “**Gate opening**” button.

Widget support:

The application also supports widgets. You can add a widget to the home screen of your mobile device for each gate controlled by **Gate Control PRO** devices added in the application. Using widgets, you can control your gates by a single tap on your home screen. Depending on the Android version of your mobile device, you can find the widget adding option in the “**Applications and widgets**” or “**Widgets**” menu of your mobile device, with the name and icon shown in the picture below.



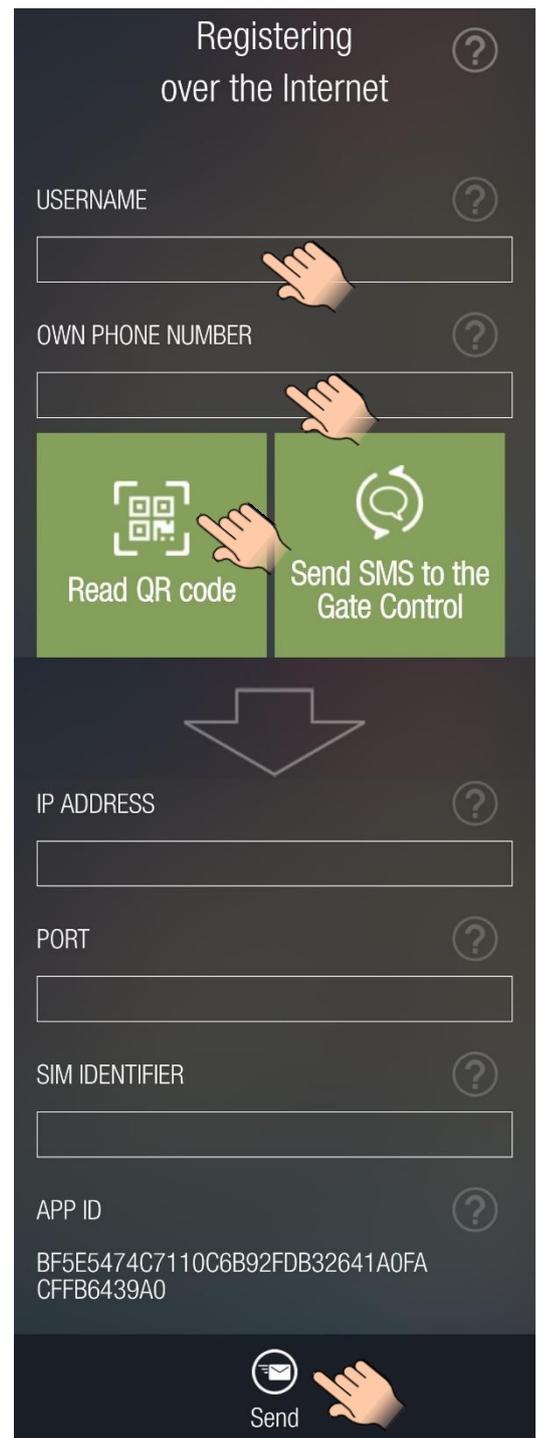
1.2.2 Registering the mobile application over the Internet

1. In case of a non-existing new user, or if the mobile device to be registered is not capable to send SMS, registration can be done over the Internet only. For this, follow the steps below:

- From the registration options, choose the registration over the Internet.
- Enter a username at will for yourself in the “**USERNAME**” field. The user name should not exceed 40 characters. The user name is case sensitive. Entering a user name is mandatory. Attention! The following characters should not be used: ~ ^ < > = ' " , | \$ &
- Entering your phone number in the “**OWN PHONE NUMBER**” field is not mandatory, but the administrators can call you back on the provided phone number if necessary and also you can control the **Gate Control PRO** device by call from this phone number if controlling over the internet fails for any reason. Therefore, it is important to enter the phone number correctly.
- If you have a QR code for the given **Gate Control PRO** device, tap on the “**Read QR code**” button and read the QR code using the camera of your mobile device. A **Gate Control PRO** device has two types of QR codes:
 - a) QR code for direct app registration
 - b) QR code for app registration requiring approval

Depending on the type of QR code read, registering the mobile device will be done directly (a), or by sending a request to the administrators of the given **Gate Control PRO** device (b). By reading the QR code, the “**IP ADDRESS**”, “**PORT**” and “**SIM IDENTIFIER**” fields will be filled in automatically with the appropriate data.

- In case of reading the QR code for direct app registration, a “**PASSWORD**” field will show up additionally, where you have to enter the app registration password configured in the given **Gate Control PRO** device.
- If no QR code is available, you can also type in the necessary data (IP address, port number and SIM identifier) manually, if you know the data. If you do not know the data, but you know the phone number of the **Gate Control PRO** device, you can retrieve the data by SMS. For this tap on the “**Send SMS to the Gate Control**” button. The **Gate Control** application will open the phone’s default SMS sending application and will automatically insert the message to be sent into the message window. Do not modify the message! Enter the phone number of the **Gate Control PRO** device as the recipient and send the message. The **Gate Control PRO** device will send a response message in a few seconds, which will contain the IP address, port number and SIM identifier. Copy over the data from the received message one by one and paste into the appropriate fields in the **Gate Control** application.



- After filling in the fields, tap on the “**Send**” button.
- If you have read the QR code for direct app registration, the **Gate Control** application will connect to the **Gate Control PRO** device over the Internet and when the registration is successfully completed, it will add the device button to the main screen.
- If you have read the QR code for registration requiring approval, or have typed in the data manually, the system will send a registration request to the administrators configured in the given **Gate Control PRO** device. The system will send you a Push notification as soon as an administrator approves your registration. Open the notification bar on your mobile device and tap on the received notification. By this, the **Gate Control** application will connect to the **Gate Control PRO** device over the Internet and when the registration is successfully completed, it will add the device button to the main screen.

1.3 Receiving and approving or refusing the registration request on the admin side

The administrators configured in the **Gate Control PRO** device are responsible for receiving, approving or refusing registration requests. When a person who wishes to register sends a registration request by Push notification over the Internet, the administrators will receive a notification on their phones, which they can view in their phone's notification bar. By tapping the received notification, the **Gate Control** application will start and open the registration request form automatically, where the administrator can approve or refuse the registration.

The picture on the right side shows a registration request form.

The **"NAME"** and **"PHONE NUMBER"** fields contain the data entered by the applicant while filling in the registration form. The **"PERMISSION"** section includes a drop-down menu where you can select a permission level for the applicant who wants to control the **Gate Control PRO** device. In the **"ACCESS TEMPLATES"** section you can select the access templates which you wish to assign to the given user. Below the access templates you can configure control confirmation options (callback, SMS response), ONVIF camera access options (Camera 1 and 2) and the events (doorbell, technical error, gate position limit error) about which the user wishes to receive Push/SMS notifications. If the **Gate Control PRO** device is configured to use control mode No. 1 or No. 2 (for 2 gates), then selecting the output control permissions (Output 1 and Output 2) will also be available. The **Gate Control PRO** can notify the user by Push Notification and/or by SMS in case that the gate fails to open or close. This can be configured with the options related to gate position limit error. In order to use this function it is necessary to connect the gate's position limit switch to the **Gate Control PRO** device. The **"CUSTOM RULES"** option can be used to allow or deny entry of the given user individually for a given period of time, by overriding the access templates assigned.

When refusing a registration request, filling in the **"Comment"** field is mandatory, otherwise an error message will show up. Attention! The following characters should not be used: ~ ^ < > = ' " , | \$ &

After tapping the **"Approve"** or **"Refuse"** button, the applicant will receive a Push notification about the decision. If the registration has been approved, the new device button will automatically be added to the **Gate Control** application's main screen on the applicant's mobile device, after tapping on the received message.

If the administrator needs further information in order to approve or refuse the registration, the administrator can call the applicant by tapping on the **"Call"** button (only if the applicant has provided his/her phone number when filling in the registration request form).

New user registration request

NAME
John

PHONE NUMBER
+36301112222

AUTHORIZER

PERMISSION
User

ACCESS TEMPLATES

Morning
 Weekend
 Afternoon
 Weekdays

Callback requested
 SMS response requested
 Camera 1
 Camera 2
 Output 1
 Output 2
 Output 1 by phone call
 Output 2 by phone call
 Push notification (Doorbell)
 Push notification (technical error)
 Push notification (gate limit error)
 SMS notification (gate limit error)

CUSTOM RULE
None

AUTHORIZER

From 2018. 04. 26. 15:48 Until 2018. 04. 27. 15:48

Comment

Refuse Call Approve

2 Important notes

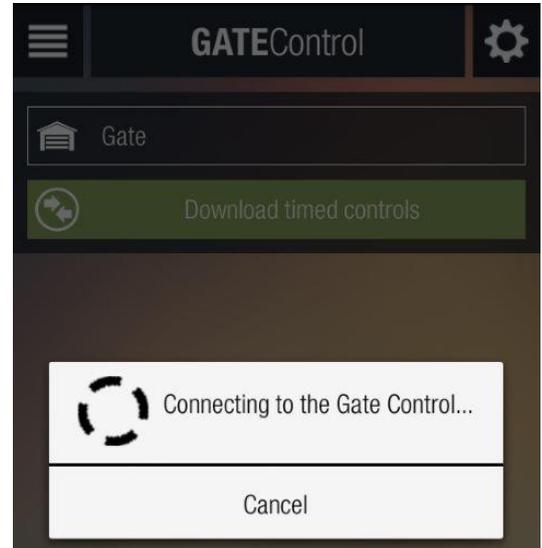
- General information regarding navigation

When navigating on the main screen, if you have the appropriate permission level you can open the left or right menu by dragging the page from left to the right or from right to left, or by tapping the icons at the top corners of the main screen. The left menu is not available for users who have “User” permission level in the system. It is available for “Admin” and “Super admin” users only.

- Information related to data query

Data queries are performed directly from the **Gate Control PRO** device.

Data query from the device is done through mobile Internet connection, therefore the duration of data queries depends on the mobile Internet speed. During data queries, it is shown in a pop-up window that the program works in the background. The “Cancel” button can be used to cancel the communication process. For retrieving data, the application has to establish the connection with the system and the “Cancel” button appears only when this is done. If you tap on the “Cancel” button, the application cancels the data query, but it displays the data downloaded before the process was cancelled.



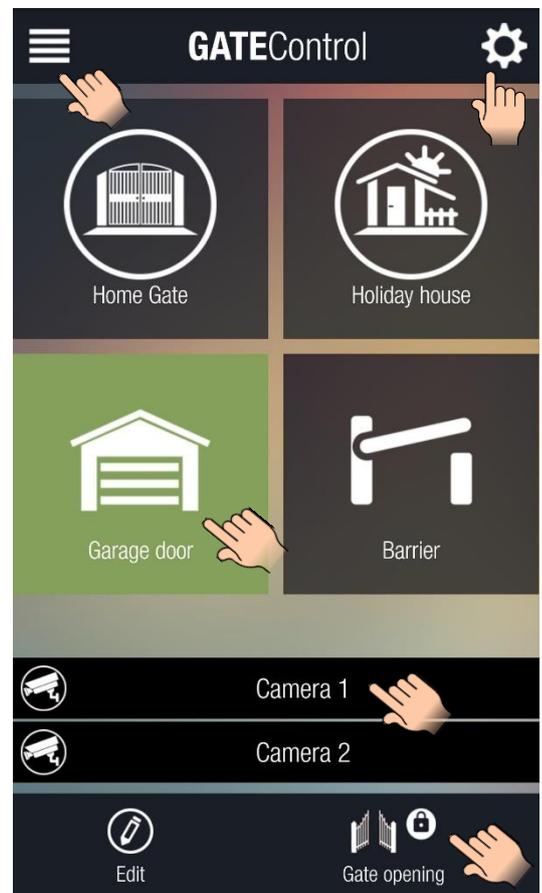
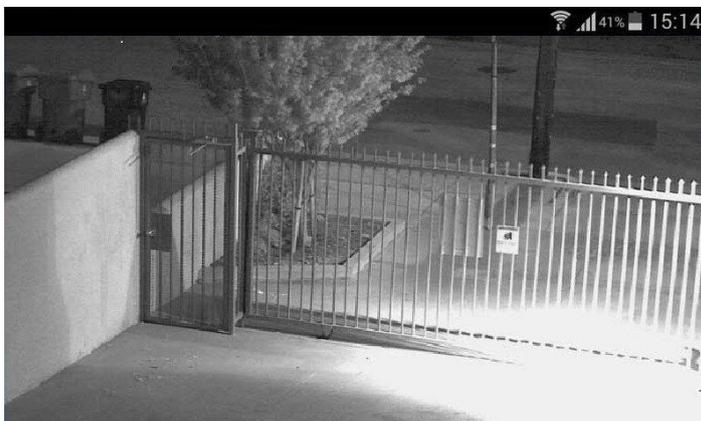
3 The main screen

After the registration, the device button of the given **Gate Control PRO** device will be added automatically to your main screen in the application, as shown in the picture on the right side.

The icons placed at the top left and right corners can be used to open the menus.

Opening your gate: select the device button by a short tap, and then tap on the “Gate opening” button.

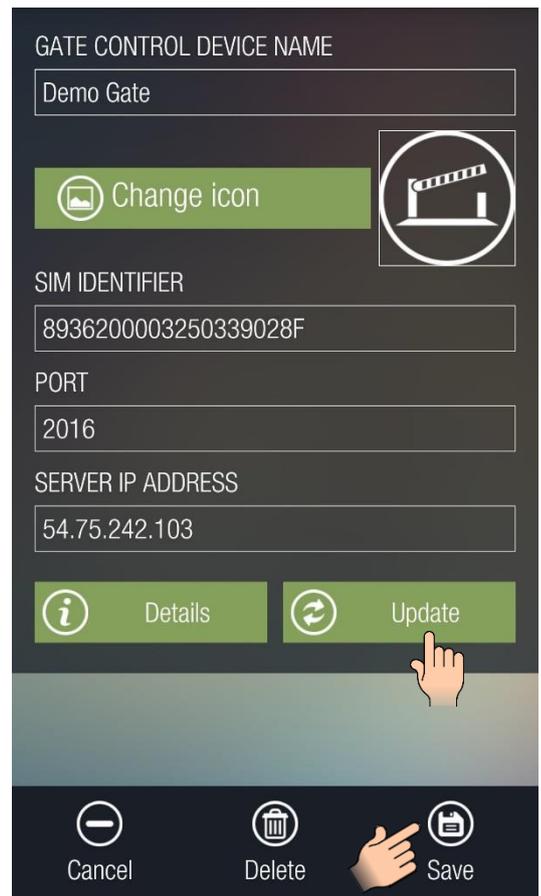
“Camera 1” and “Camera 2” buttons can be used to view the images of two IP cameras, if ONVIF camera availabilities have been provided when the **Gate Control PRO** was configured, and if the given user’s permissions allow viewing the cameras.



Viewing the details and the connection information of the registered device, and refreshing the basic information and permissions are available after selecting the device button and tapping the “Edit” button. This will load the page shown in the picture on the right side.

You can configure a custom name for your gate in the “GATE CONTROL DEVICE NAME” field. Using the “Change icon” option you can select an icon from a set of icons. The changes can be saved and applied by tapping on the “Save” button.

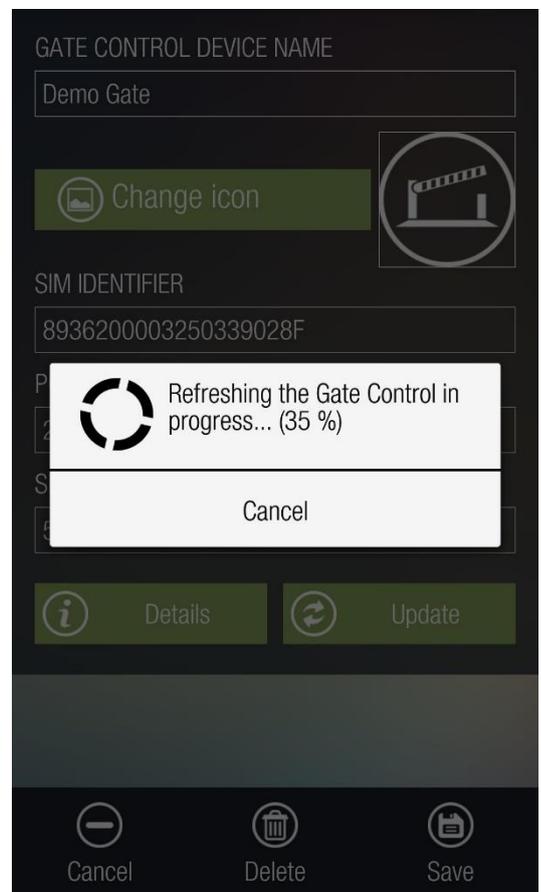
The “Delete” button can be used to delete the selected device button, i.e. to erase the given *Gate Control PRO* device from the application.



The “Update” button is used to resynchronize the device settings, data, and user permissions. After tapping on this button, the application reconnects to the *Gate Control PRO* device and then it downloads and updates the mentioned data. Updating is necessary if the permissions of the user have been changed (with a different administrator level mobile application, or with the PC programming software), or settings have been changed in the *Gate Control PRO* device which affect the operation of the mobile application (e.g. control mode, gate position limit switch usage, access templates). In this case the application will not be informed about the changes and operates according to the permissions and settings configured earlier. The update progress status will be displayed in a window, as shown in the picture on the right side. It is recommended to wait for the update to complete, because cancelling the process may cause malfunction in the operation of the functions.

If you experience problems with any operation or data query, updating the data using the “Update” button may solve the problem.

After the update process has completed, save the updated data and settings by tapping on the “Save” button.



Details about the object representing the given **Gate Control PRO** device are available by tapping on the “**Details**” button. This opens the page shown in the picture on the right side.

This option provides information about the connection status, the settings and the names of files used for synchronization.

GATE CONTROL DEVICE NAME	Demo Gate
AUTHENTICATION	Connecting to server successful.
GC CHANNEL	Connecting to server successful.
IP ADDRESS	54.75.242.103
PORT	2016
SERVER TIMEOUT	20
SIM IDENTIFIER	8936200003250339028F
NUMBER OF INCOMING SMS MESSAGES	50
NUMBER OF SENT SMS MESSAGES	50
FIRST DAY OF THE WEEK	mon
USER TABLE	USER
TEMPLATES TABLE	SCHEMAS
EVENT LOGS TABLE	LOG
CUSTOMIZATION TABLE	TRANSL
HOLIDAYS TABLE	HOL
TIMED CONTROL TABLE	FSCH

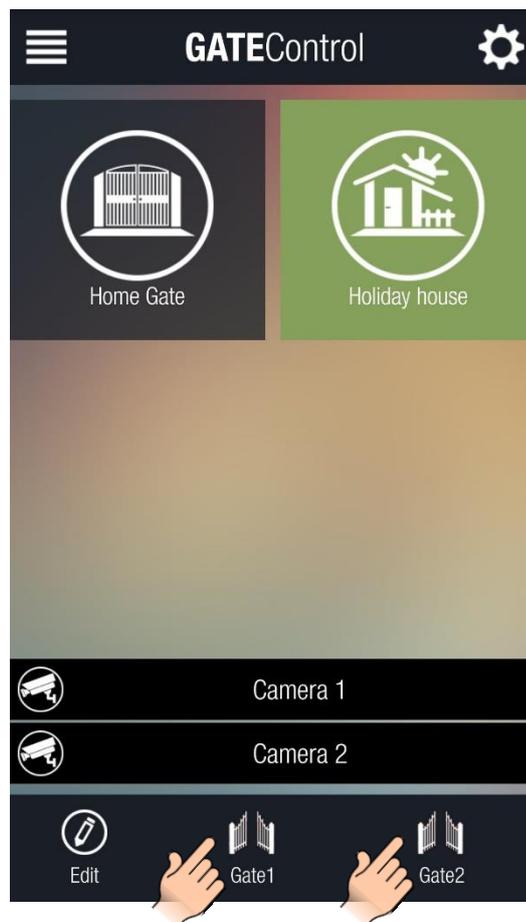

Cancel

3.1 The main screen in case of using dual-gate control mode

The **Gate Control PRO** is able to control two different gates selectively using the mobile application. Attention! The device makes possible controlling two gates in control modes 1 and 2 only, since for all other control modes both outputs are used to control a single gate. You can find details about control modes and their configuration options in the **Gate Control PRO 20/1000** installation and application manual.

If control mode 1 or 2 is used, you have possibility to control two gates with a single **Gate Control PRO** device. You can configure which user should be able to control which gate in the “Users” menu of the **Gate Control PRO** PC software. Of course, you can configure permission to control both gates as well.

If the proper control mode is used and the user has the necessary permissions, two control buttons will be displayed in the mobile application. The two buttons (from left to right) will control the gate connected to output 1 and respectively to output 2.



3.2 The main screen in case of connecting the gate's position limit switch

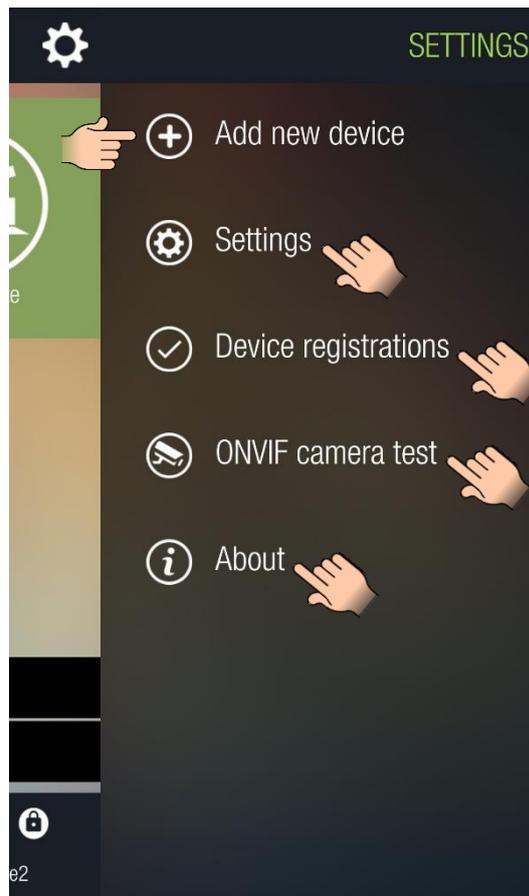
You can connect the position limit switch of the gate to the **Gate Control PRO** device. In case of using a gate position limit switch, the device can notify the user by Push Notification and/or SMS if the gate fails to open or close.



You can find details on how to connect and configure the position limit switch(es) in the **Gate Control PRO 20/1000** installation and application manual.

The open and closed states of the position limit switch(es) and thereby of the gate(s) are represented in the application by the “lockpad” icon. The opened red lockpad means that the gate is open, while the closed black lockpad means that the gate is closed.

4 The menu on the right side



4.1 Adding a new device

The **“Add new device”** option is used to register a new **Gate Control PRO** device over the internet or by SMS.

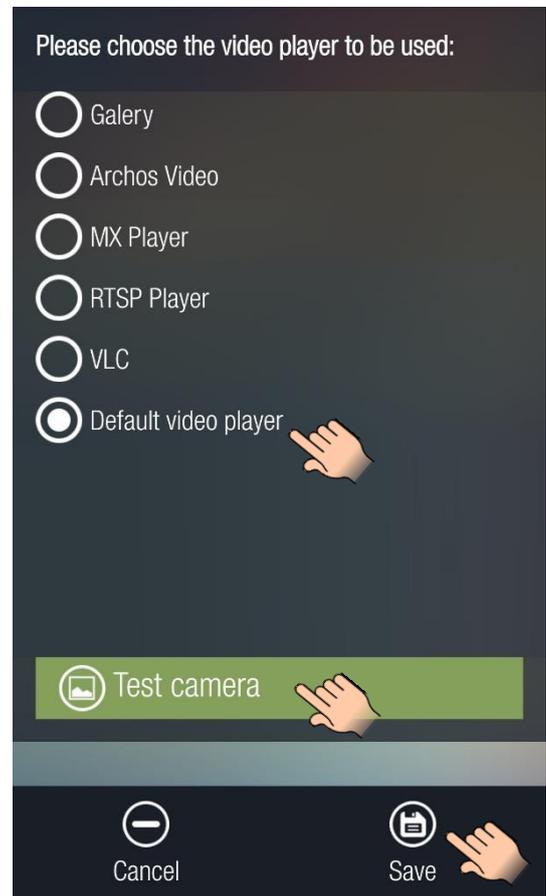
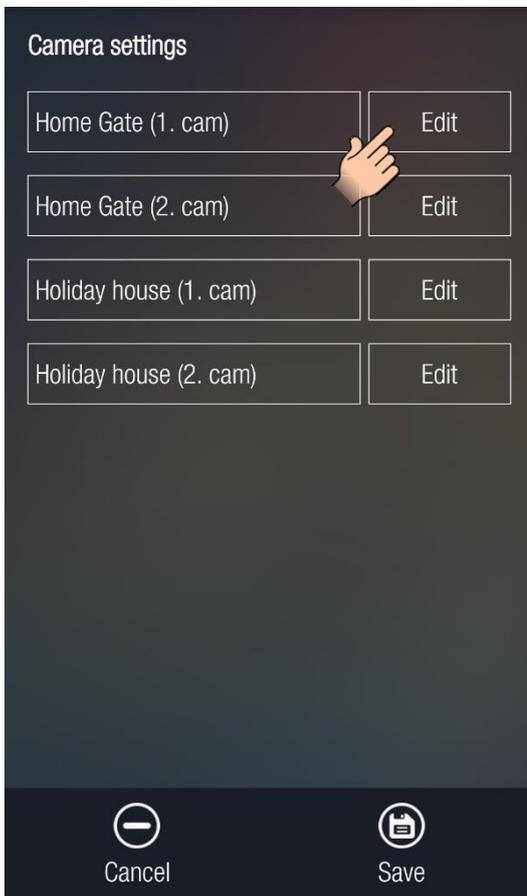
4.2 Settings

The **“Settings”** option enables you to change the application’s settings, e.g. you can configure a password, change the background picture, change the assigned ONVIF camera settings, select the language of the user interface, choose the color for selected items (appearance) and for device buttons. To save the changes, tap on the **“Save”** button.

If you enable the **“Password”** option, you can enter a password which will be requested each time upon opening the application. The application cannot be opened if the wrong password is entered.

If you have more than one device button on the main screen, you can reorder the device buttons in the section below the color settings. To change the order, select the item to be moved by a long tap, then use the buttons marked with up and down arrows to move the selected item.





The “**Camera settings**” option enables you to change the settings of ONVIF cameras assigned to the **Gate Control PRO** device(s). Only the objects to which a video stream, i.e. rtsp URL has been assigned will be listed. To change the settings, tap on the “**Edit**” button of the camera you wish to edit.

You can select the video player to be used for playing the camera stream, and you can also test the camera with the selected video player. The application lists video players available on the given smart device.

Select the desired video player, and then tap on the “**Test camera**” button. If the camera works properly with the selected player, you can save the settings by tapping on the “**Save**” button, otherwise please choose another video player and repeat the test.

4.3 Device registrations

In the “**Device registration**” menu you can manage sent registration requests which are still waiting to be approved. If needed, you can delete or resend the listed registration requests. For this, select the item to be managed and then tap on the “**Delete**” or “**Resend**” button to perform the desired action. You can distinguish the registration requests by the listed SIM identifier.



4.4 ONVIF camera test

The **Gate Control** mobile application is able to display the still and the video image of up to two IP cameras per **Gate Control PRO** device, which support the ONVIF standard. Permission for viewing the images can be configured for each user separately and per camera in the **Gate Control PRO** programming software, in the user editing section.

This function works only with cameras that support the ONVIF standard! The manufacturer does not guarantee that the Gate Control PRO can be used with any IP camera, therefore, still before purchasing the **Gate Control PRO** device, the mobile application assures possibility to test the camera in advance and make sure that your camera works properly with the **Gate Control** mobile application.

To test an ONVIF camera, tap on the “**Settings**” icon to open the settings menu, select the “**ONVIF camera test**” option, enter or copy the rtsp URL of the camera into the text field (e.g. you can send over the URL to your mobile device by email, then copy and paste), select the desired video player, and then tap on the “**Test camera**” button.

The URL should be entered using the following format:

rtsp://username:password@IP/link

If the camera does not request a username and password, use the following format:

rtsp://IP/link

The application lists the video players available on the given mobile device. If the application fails to display the video image of the camera, please choose a different video player.

There are multiple methods to obtain the camera URLs. You can use the “**IP Camera Detector**” software made by the manufacturer (available on the manufacturer’s website: <https://tell.hu/en/products/remote-management-software/ip-camera-detector>), the “**ONVIF Device Manager**” software (<http://sourceforge.net/projects/onvifdm>), or the camera’s own software or technical manual.

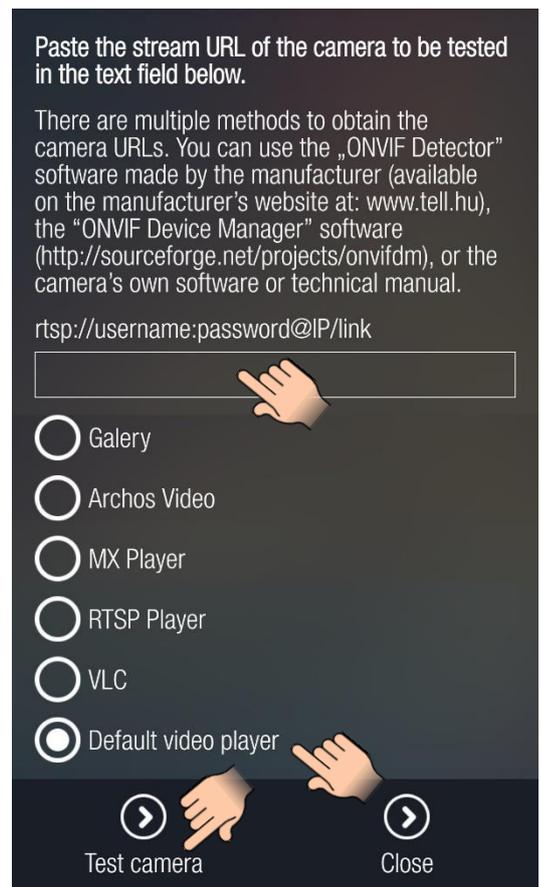
The mobile application uses a built-in RTSP player, therefore the system works with RTSP stream only.

The ONVIF camera detector programs show the local IP addresses of the cameras.

In order to access the camera pictures on your mobile device from outside your local network (from mobile Internet, or other external WiFi networks) as well, it is necessary to configure port forwarding in your router for the IP addresses of the cameras (forwarding of the local IP address and port of the cameras to the external (WAN) IP address of your router and desired external port). When configuring port forwarding, if only one camera is used, for the stream port you can leave both the local and external port setting on 554 (this is the default ONVIF stream port). If multiple cameras are used, the local port can remain 554, and for selective access of the cameras you can configure the external ports at will. Please note that the camera may use a different port. In this case please check the port number in the URL obtained with the used ONVIF detector program or in the camera’s technical manual.

For the snapshot port, the local and external ports can also be configured at will.

In addition to this, for accessing the camera pictures from outside your local network, it is necessary to replace the local IP address and port in the URL obtained with the ONVIF URL detector program, with the external (WAN) IP address of your router and the external port, and after this enter the modified URL in the Gate Control application.



Example for modification of the stream URL, if only one camera is used:

Original URL: rtsp://192.168.1.240:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif

Modified URL in case of using a static IP address:

rtsp://**WAN IP**:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif

Modified URL in case of using a static IP address and username/password:

rtsp://**username:password@WAN IP**:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif

Modified URL in case of using a domain name:

rtsp://**domain name**:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif

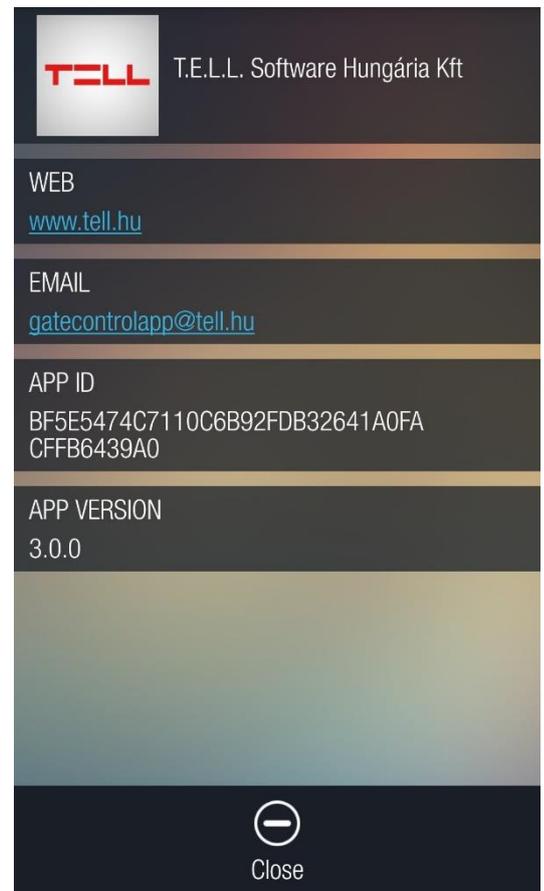
Modified URL in case of using a domain name and username/password:

rtsp://**username:password@domain name**:554/cam/realmonitor?channel=1&subtype=0&unicast=true&proto=Onvif

4.5 About

In the “**About**” menu you can view the availabilities of the manufacturer and information related to the application.

APP ID: the individual identifier of the application, which the system uses to identify the mobile device on which the application is used.



5 The menu on the left side

The menu on the left side is only available for users with super administrator and administrator permission.

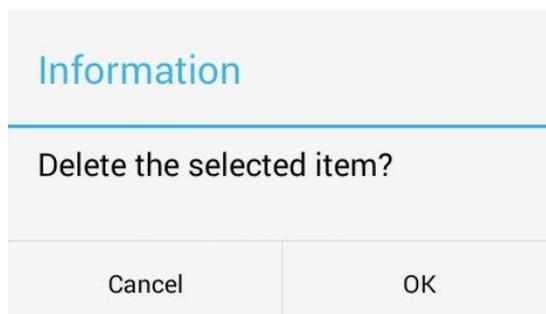
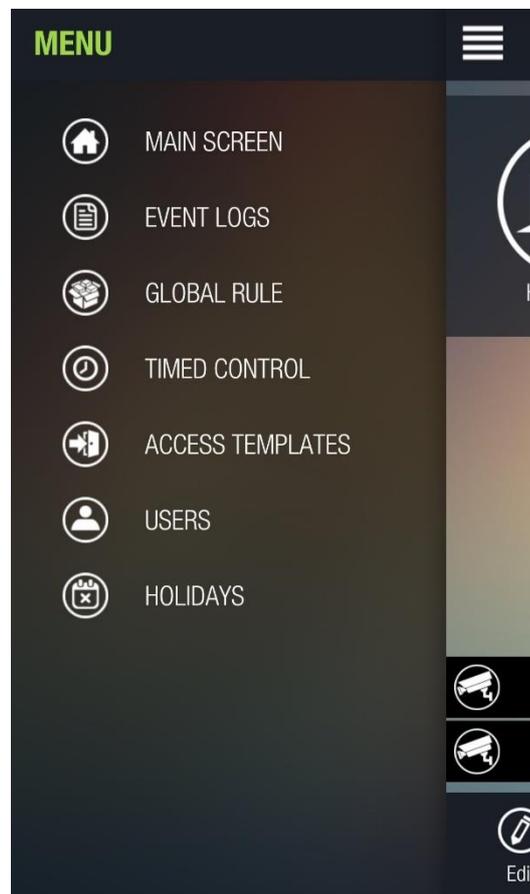
If after selecting a menu option, the application detects that in the meantime the user's permissions have changed for the given *Gate Control PRO* (have been changed with a different administrator level mobile application, or with the PC programming software), and therefore the given menu should not be available any longer, the application cancels the process and returns to the main screen.

- **Writing, editing, deleting**

Writing will be discussed separately in the next chapters.

The “**Edit**” option enables you to change different properties of one element selected from the list loaded on the interface, which can be then saved using the “**Save**” button.

The “**Delete**” option enables you to delete the element selected on the interface. When deleting an element, a confirmation window pops up as shown in the picture below.



- **Settings**

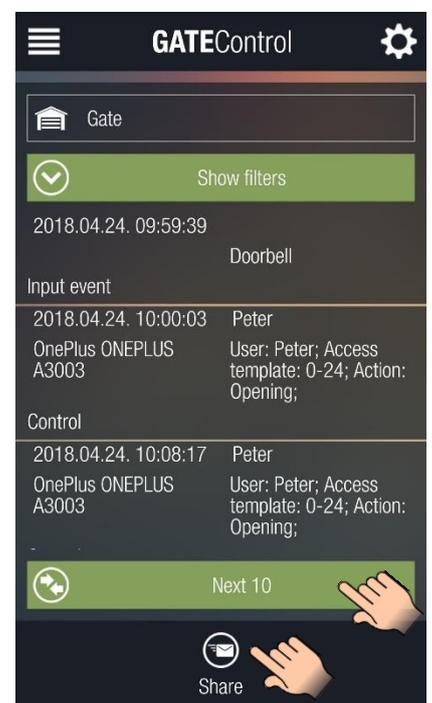
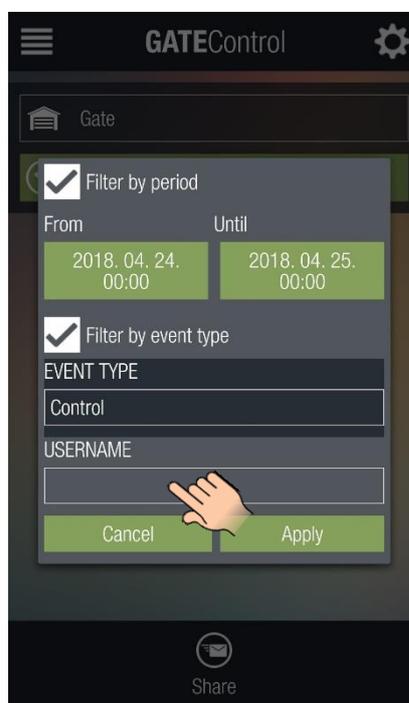
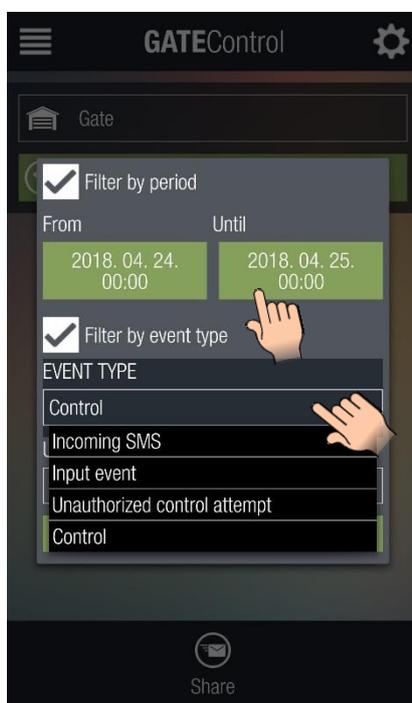
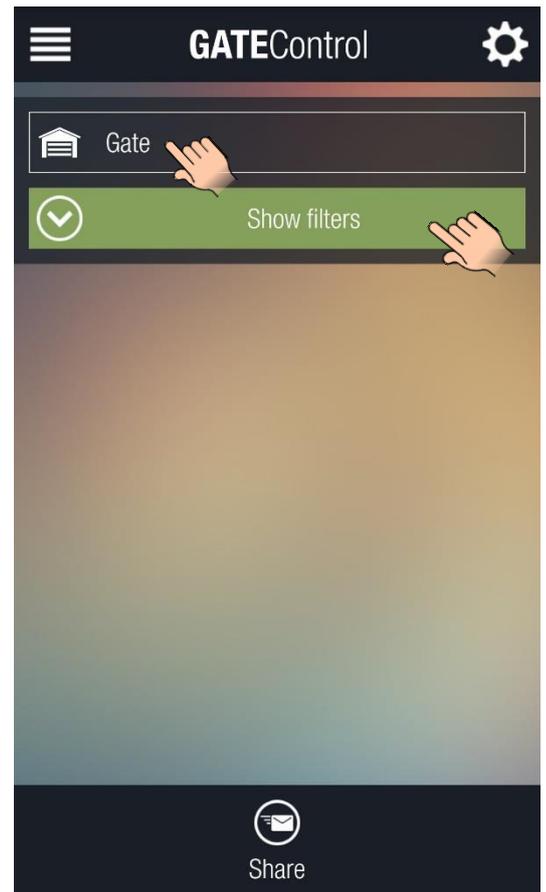
Detailed description about the settings and parameters available in the menu on the left side you can find in the *Gate Control PRO 20/1000* installation and application manual.

5.1 Event logs

This option enables you to download and filter data stored in the event logs.

The drop-down menu at the top lists the *Gate Control PRO* devices registered in the application, and this is where you can select which device you wish to download the event logs from.

After tapping on the “**Show filters**” button, you can filter the events by date, by event type (incoming SMS, input event, unauthorized control attempt, control) or by user name. To start downloading the event logs, tap on the “**Apply**” button. In case that the filter is configured, only events that match the filter conditions will be downloaded. If no filter conditions are configured, the whole event log will be downloaded. Only 10 events will be downloaded at the same time. Tap on the “**Next 10**” button to download further 10 events.



The first two pictures above show the filter settings, while the last one shows a downloaded event log.

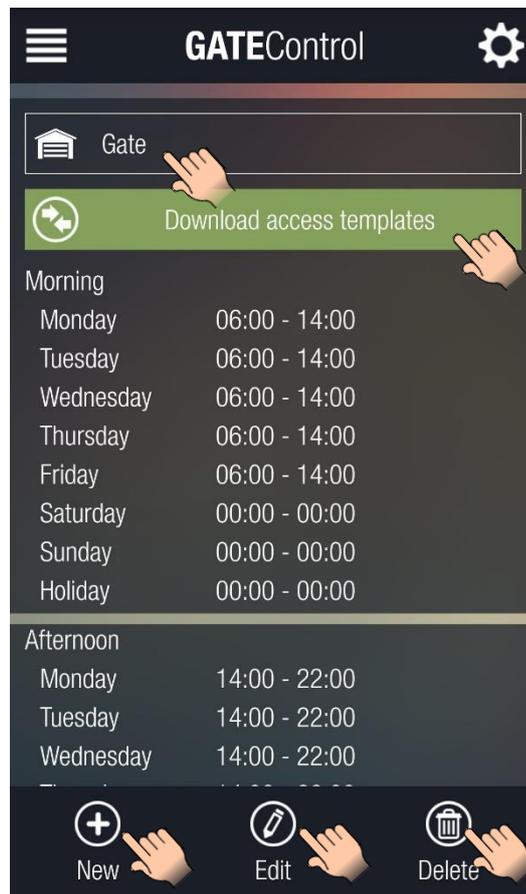
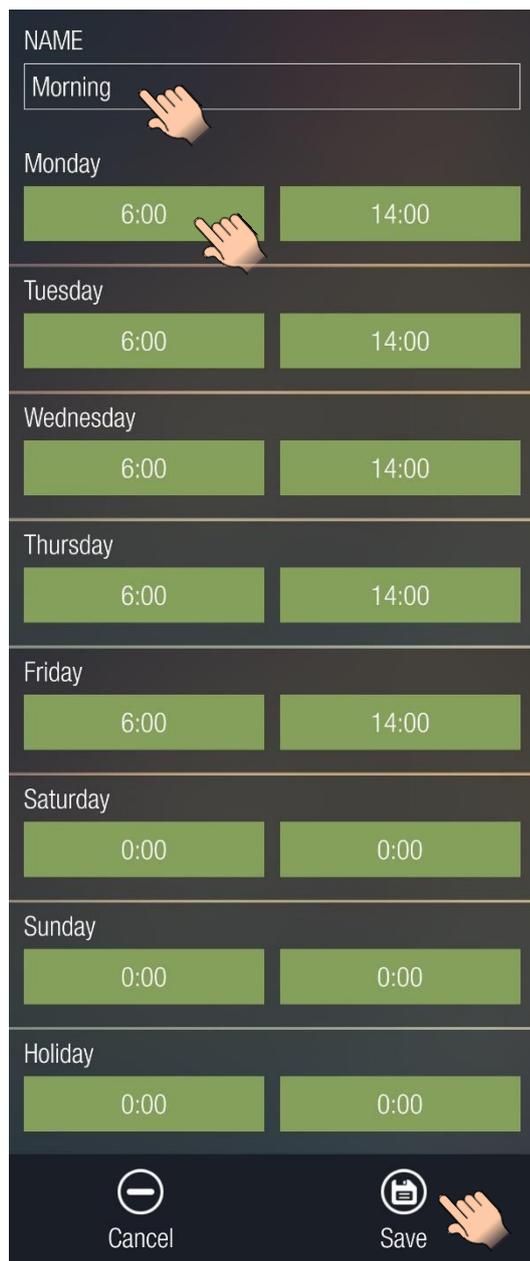
The “**Share**” button can be used to share the downloaded event logs via applications offered by your mobile device.

5.2 Access templates

This option enables you to download the access templates configured in the **Gate Control PRO** device, add new templates and edit or delete existing templates.

The drop-down menu at the top lists the **Gate Control PRO** devices registered in the application, and this is where you can select which device you wish to download the access templates from.

The access templates can be downloaded by tapping on the **“Download access templates”** button.



To add a new access template, tap on the **“New”** button. When adding a new template, entering a name for the template in the **“NAME”** section is required. The template name should not exceed 15 characters.

Attention! The following characters should not be used:
~ ^ < > = ' " , | \$ &

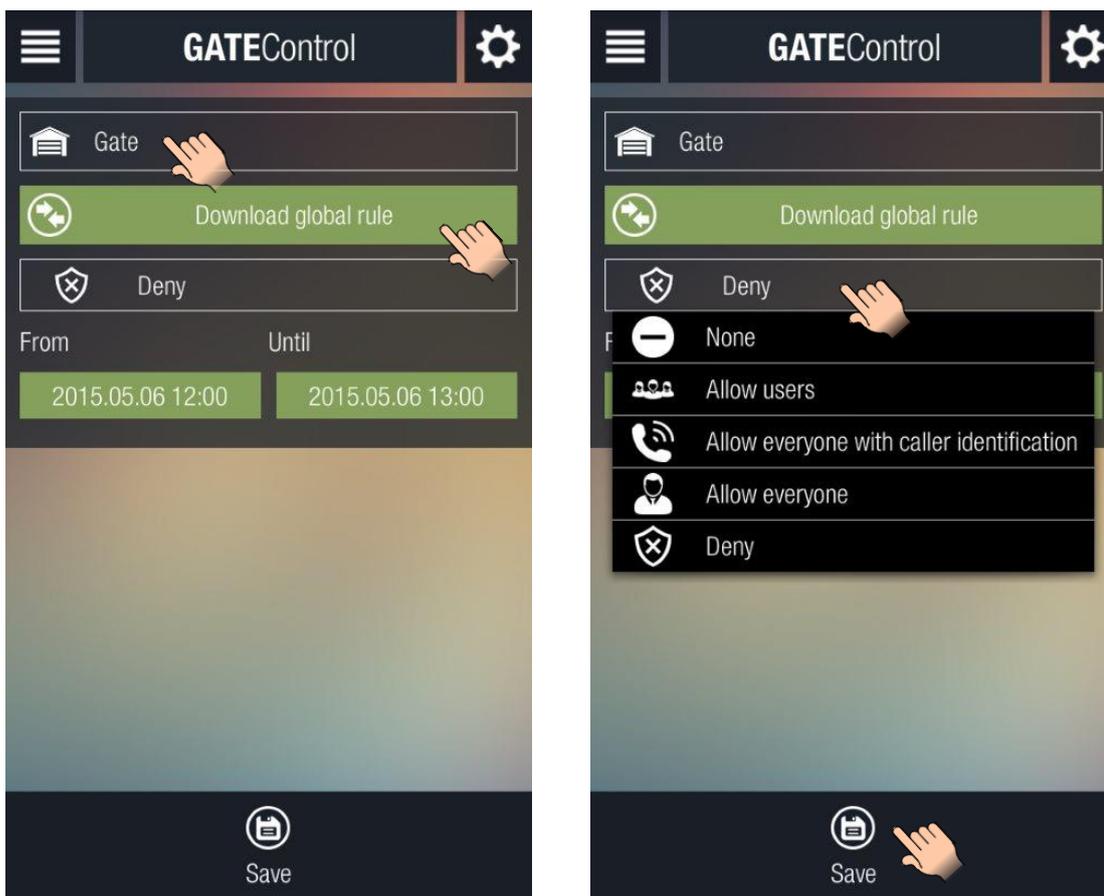
The new template can be saved by tapping on the **“Save”** button.

To edit a template, tap on the template to select it, and then tap on the **“Edit”** button. To save the changes, tap on the **“Save”** button. The interface will be similar to the one when you add a new template, but the current settings of the template to be edited will be loaded in the appropriate sections.

To delete a template, tap on the template to select it, and then tap on the **“Delete”** button.

5.3 Global rule

This option enables you to download and change the global rule settings.



The drop-down menu at the top lists the **Gate Control PRO** devices registered in the application, and this is where you can select which device you wish to download the global rule settings from.

When tapping the “**Download global rule**” button, the actual global rule settings will be downloaded and updated on the user interface.

To change the global rule settings, select the desired rule from the drop-down menu, then select the start and end date and time in the “**From**” and “**Until**” sections, and finally tap on the “**Save**” to save the changes.

5.4 Timed control

This option enables you to download the scheduled control templates configured in the **Gate Control PRO** device, add new templates and edit or delete existing templates.

The drop-down menu at the top lists the **Gate Control PRO** devices registered in the application, and this is where you can select which device you wish to download the scheduled control templates from.

The scheduled control templates can be downloaded by tapping on the **“Download timed controls”** button.

NAME
Morning

Output 1 Output 2

Monday
6:00 7:00

Tuesday
6:00 7:00

Wednesday
6:00 7:00

Thursday
6:00 7:00

Friday
6:00 7:00

Saturday
0:00 0:00

Sunday
0:00 0:00

Holiday
0:00 0:00

Cancel Save

GATEControl

Gate

Download timed controls

Morning

Monday 06:00 - 07:00

Tuesday 06:00 - 07:00

Wednesday 06:00 - 07:00

Thursday 06:00 - 07:00

Friday 06:00 - 07:00

Saturday 00:00 - 00:00

Sunday 00:00 - 00:00

Holiday 00:00 - 00:00

Output 1 Output 2

New Edit Delete

To add a new scheduled control template, tap on the **“New”** button. When adding a new template, entering a name for the template in the **“NAME”** section is required. The template name should not exceed 15 characters. Attention! The following characters should not be used:

~ ^ < > = ' " , | \$ &

In case of using a dual-gate control mode (mode 1 or 2), it can be configured using the checkboxes below the template name, which output to be controlled by the scheduled timed control function (Output 1, Output 2 or both).

The new template can be saved by tapping on the **“Save”** button.

To edit a template, tap on the template to select it, and then tap on the **“Edit”** button. To save the changes, tap on the **“Save”** button. The interface will be similar to the one when you add a new template, but the current settings of the template to be edited will be loaded in the appropriate sections.

To delete a template tap on the template to select it, and then tap on the **“Delete”** button.

5.5 Users

This option enables you to download the user list, add new users and edit or delete existing users.

The drop-down menu at the top lists the **Gate Control PRO** devices registered in the application, and this is where you can select which device you wish to download the user list from.

After tapping on the **“Show filters”** button, you can filter the user list by username, phone number, access template or by custom rule. Tap on the **“Apply”** button to start downloading the users.

NAME
John

PHONE NUMBER
+36301112222

AUTHORIZER

PERMISSION
User

ACCESS TEMPLATES

Morning
 Weekend
 Afternoon
 Weekdays

Callback requested
 SMS response requested
 Camera 1
 Camera 2
 Output 1
 Output 2
 Output 1 by phone call
 Output 2 by phone call
 Push notification (Doorbell)
 Push notification (technical error)
 Push notification (gate limit error)
 SMS notification (gate limit error)

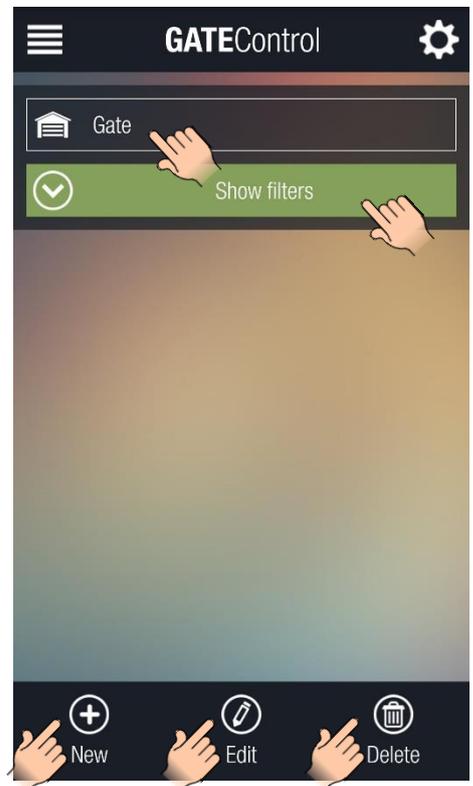
CUSTOM RULE
None

AUTHORIZER

From 2018. 04. 26. 15:48 Until 2018. 04. 27. 15:48

Cancel Save

In case that the filter is configured, only users that match the filter conditions will be downloaded. If no filter conditions are configured, all users will be downloaded. Only 10 users will be downloaded at the same time. Tap on the **“Next 10”** button to download further 10 users.



To add a new user, tap on the **“New”** button. Entering a user name in the **“NAME”** section is required. The user name should not exceed 40 characters. The user name is case sensitive.

Attention! The following characters should not be used:

~ ^ < > = ' " , | \$ &

The new user can be saved by tapping on the **“Save”** button.

To edit a user, tap on the user to select it, and then tap the **“Edit”** button. To save the changes, tap on the **“Save”** button. The interface will be similar to the one when you add a new user, but the current settings will be loaded in the appropriate sections.

To delete a user, tap on the user to select it, and then tap on the **“Delete”** button.

The picture on the left side shows the user editing interface, while the one on the right side shows the interface of the filters.

USERNAME

PHONE NUMBER

Filter by templates

TEMPLATES
Morning

Filter by custom rule

RULES
None

Cancel Apply

New Edit Delete

5.6 Holidays

This option enables you to download the holidays configured in the **Gate Control PRO** device, add new holidays or delete existing ones.

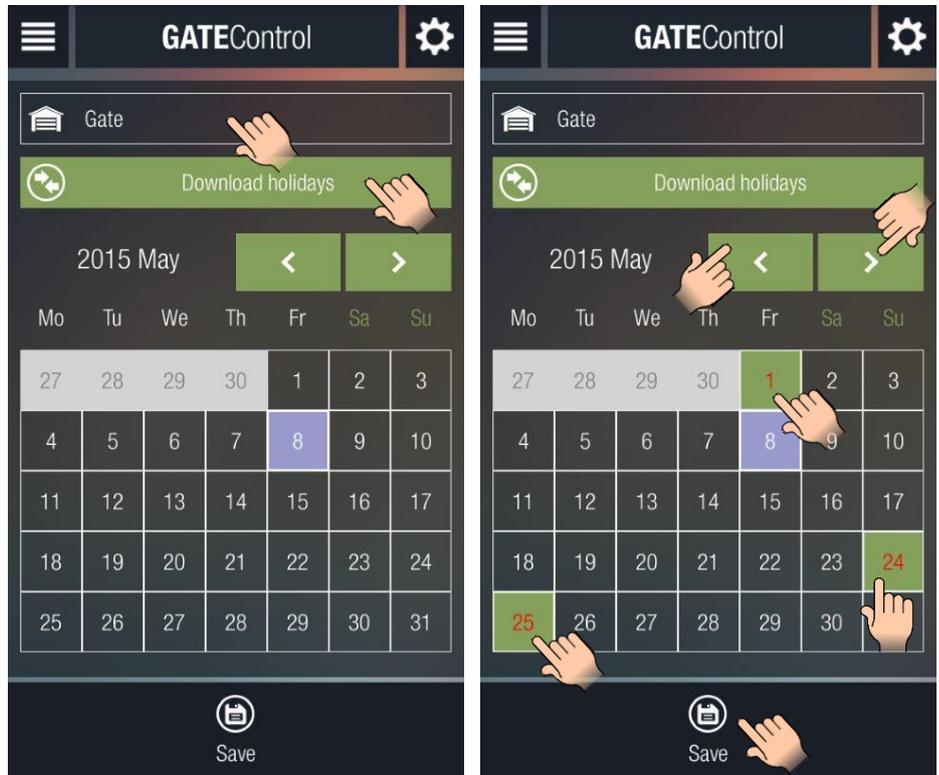
The drop-down menu at the top lists the **Gate Control PRO** devices registered in the application, and this is where you can select which device you wish to download the holiday settings from.

By tapping the “**Download holidays**” button, the configured holidays will be downloaded and displayed in the calendar with a different color than the other days.

Adding or deleting holidays can be done by selecting or deselecting the desired days and saving by tapping on the “**Save**” button.

If you wish to add a day as holiday, select it, or if it was selected, leave it selected. If you wish to remove a holiday, deselect it. Save the settings when finished.

You can navigate in the calendar between the months of the year using the buttons marked with right and left arrows.



6 Differences between platforms

The application was designed to be similar on both platforms (Android, iOS), however, in some cases there might be minor differences in usage or appearance.

1. The calendar component is a bit different on each platform, but regarding the functionality, each version operates similarly.
2. For iOS unfortunately there is no “back” button, therefore if you wish to return to the previous screen, you have to use the “Cancel” button.
3. Certain control components are different:
 - a. Date selectors
 - b. Drop-down menus
 - c. Time selectors
4. Menu operation
5. Action management:
 - a. Double tapping
 - b. Single tapping
 - c. Dragging
6. Pop-up windows
7. Loading screens
8. Navigation (back/return)