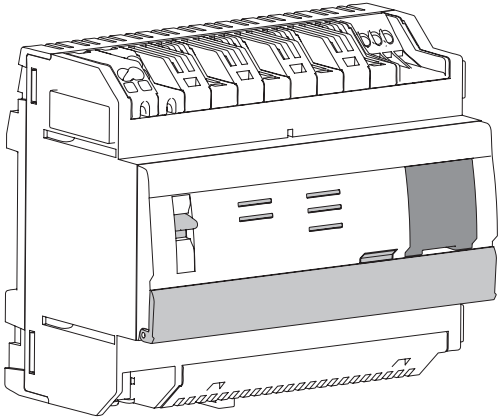


TJA510

configuration (version 1.2.0)

Access Gate 2D/IP gateway DIN-rail



IP	2D	24V ---	PoE
----	----	------------	-----

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1. Introduction

This document is intended to introduce the Installer of the access gate to its configuration interface. It describes the required stages of such configuration, for which the following conditions must be met:

- the physical installation (installation of equipment) must be completed,
- the access gate must be connected to the Internet via a router, in which the DHCP-server function must be activated,
- the Installer must have a mobile terminal (smartphone, touch tablet, PC) connected to the same network as the access gate,
- the Installer must have a professional account with myHager portal.



We strongly advise the Installer to have his own DHCP router (Wifi+ 3G/4G) in order to use a known configuration and control it during the installation, configuration, and the tests on site.

2. Presentation

The TJA510 is an access gate allowing to create a link between an IP environment and the **Elcom/Hager** two-wire door intercom systems. It requires the use of two applications on Smartphone or tablet: the first one is **hager Pilot** configuration application, and the second one is **elcom access** end-user application.

This access gate provides new important functions, such as image memory, or remote access to one's own intercom, with overall proactive operation.

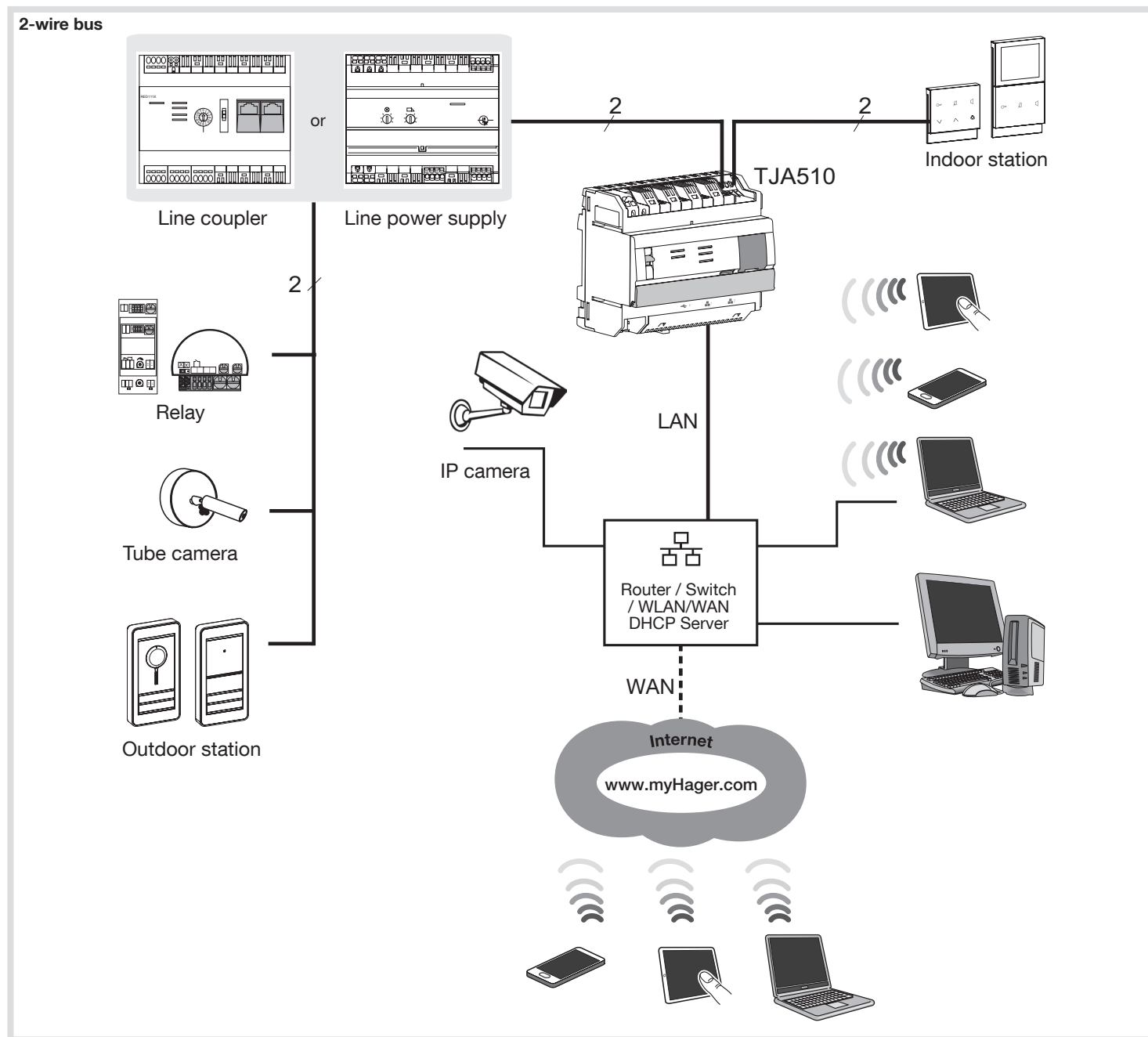
In order to configure an installation, you must:

- declare and identify the products included in the installation (street gate, indoor entrance, camera, mobile...),
- carry out the tests of the installation in order to validate its correct operation locally and from a remote location,
- Save the access gate on myHager portal, and transfer the Administrator's rights to the client via the handover procedure.

2.1. Overview

The Access Gate TJA510 is a central processing unit equipped with a program allowing configuration of the installation. It includes a 2-wire bus and an IP link via 2 Ethernet ports. A KNX connection is physically included, but is presently reserved for future use.

A Wifi router allows the connection between the access gate and the user interfaces (PC, touch tablet, smartphones, etc). The following diagram describes the material architecture of a typical installation.



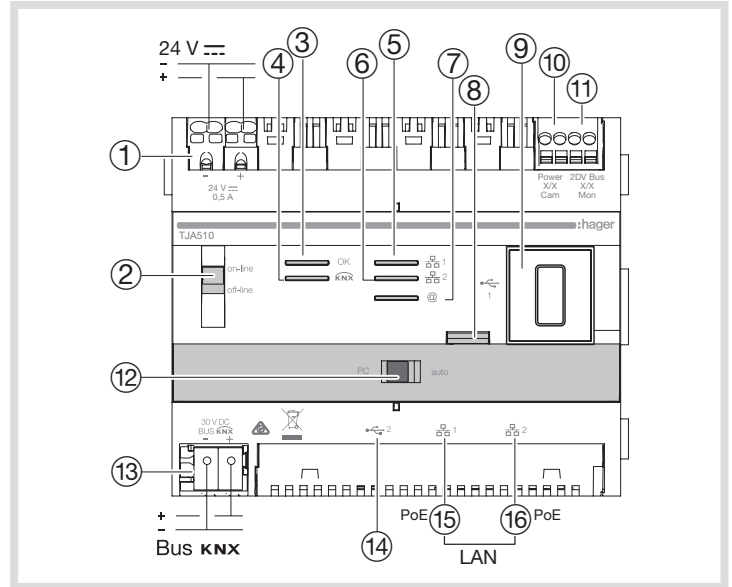
The system is based on two different networks:

- the **i2bus bus** in which all the usual interphone devices (outdoor gate, indoor station, camera, etc.) are installed,
- the **IP network** to which all IP clients are connected (LAN/WAN): PC, touch tablets, smartphones, etc.

2.2. Access Gate

The Access Gate TJA510 is connected:

- to the 2-wire bus for video input (outdoor station side) via connector ⑩,
- to the 2-wire bus for video output (indoor station side) via connector ⑪,
- to the local IP network by means of two Ethernet ports ⑮ or ⑯.



The product has its own configuration software, accessible via **hager Pilot** application, or a standard browser.

Interpretation of the LEDs (operating condition)

LED function	LED Ref.	Status	Description
Power	③	Off	Unit without power
		Blinks green	Unit start-up phase
		Lights up green	Unit started
		Blinks red	Unit supplied by the power reserve (10 s max.)
		Lights up red	OS loading error
Ethernet 1 and 2	⑤ and ⑥	Off	No network (or operating on power reserve (10 s max.))
		Blinks green	No DHCP-server detected, operating on fallback IP address
		Lights up green	Network detected and IP address allocated
		Lights up red	IP address conflict
		Blinks red	Waiting for IP address allocation
Remote access	⑦	Off	No connection (deactivation via software)
		Blinks green	Connection attempt
		Lights up green	Connection established
		Lights up red	Connection inaccessible or connection refused



For more details on the other components of the access gate, please refer to the Installation Instructions provided with the access gate.

2.3. Fonctionnement auto/PC

The 2 Ethernet ports can be used indifferently to connect the access gate to the local area network. They are switched ports connected to the same logical interface on the TJA510 (switch).

Switches		Behavior of the network interface		
②	⑫	Network interface (Ethernet ports ⑮ and ⑯)	IP network status	2-wire bus status
on-line	Auto	This is the normal mode of operation of the TJA510 when it is connected to an external router (ISP box). The application interface can be configured via a DHCP server or with a fixed IP address. <ul style="list-style-type: none"> • As a DHCP client (factory-set default mode), the TJA510 receives an IP address from the DHCP server connected to the network (the router). If, after 40 seconds, no address has been assigned, the TJA510 automatically assumes the fallback address: 192.168.0.253/255.255.255.0. • With a static IP address, the TJA510 immediately takes account of the parameters set on the “Server configuration –Internet” tab of the configuration device adjustment menu: <ul style="list-style-type: none"> - Interface IP address - Subnet mask - Default gateway address NB: When there is an IP address conflict on the network (other equipment already using the set IP address), the module will not automatically switch to the fallback address.	On-line	
	PC	To be used when a PC is connected directly to the TJA510. This mode activates the DHCP server included in the module. The 2 ports are interchangeable and configured with the following parameters: <ul style="list-style-type: none"> • Interface IP address: 192.168.0.253 • Subnet mask: 255.255.255.0 • Default gateway address: 192.168.0.1 • IP address range that can be attributed by the DHCP-server of the TJA510: 192.168.0.10 - 192.168.0.50 		
off-line	Auto / PC	This mode is a fallback mode in which the interface of the TJA510 is configured as a DHCP client mode. <ul style="list-style-type: none"> • If, after 40 seconds, no address has been assigned by a DHCP server, the TJA510 automatically assumes the fallback address: 192.168.0.253/255.255.255.0. 	Off-line	

3. Quick installation guide (usual case)

This section describes step by step the configuration of a typical system used to equip a villa. Each menu shown in this section is further detailed in the following chapters.

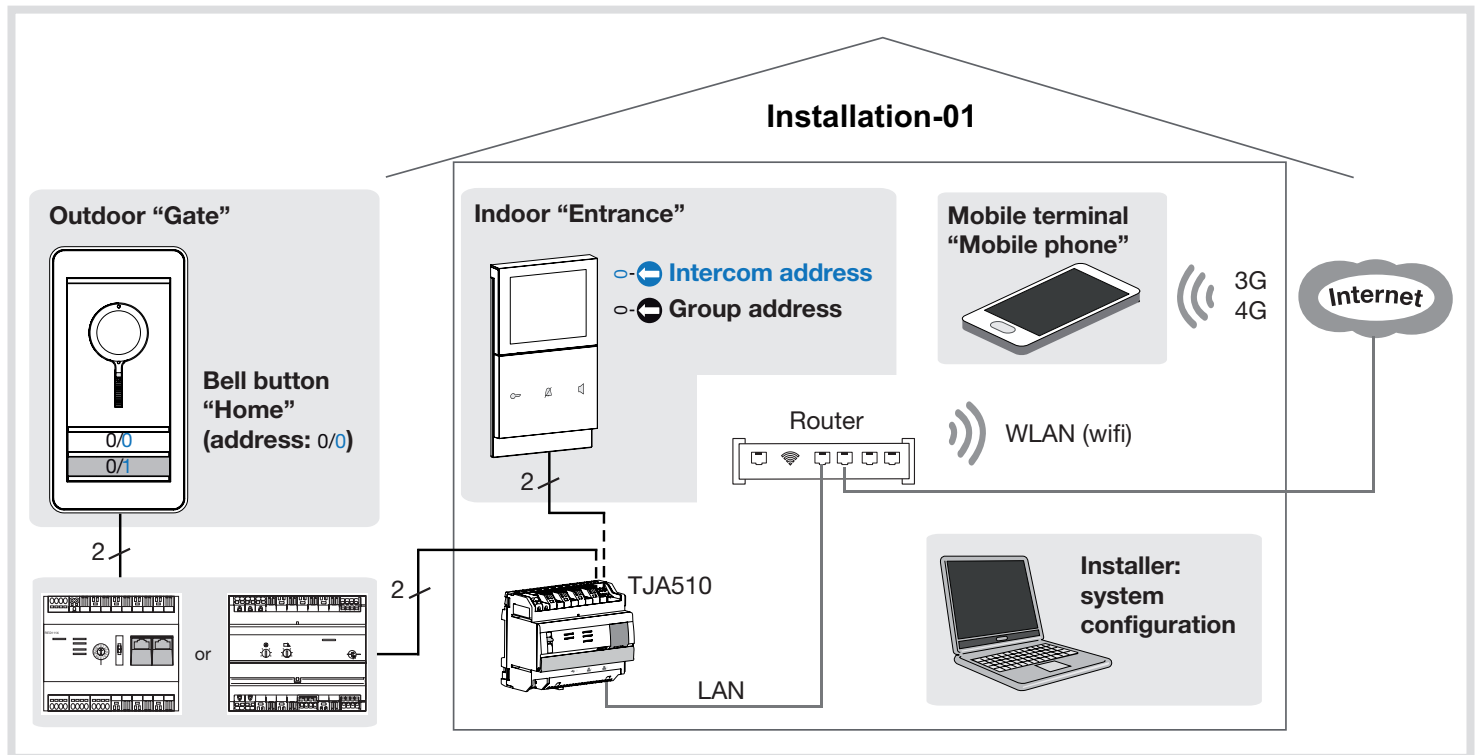


If you are an Installer, please go to chapters 3.1. to 3.7. If you are the owner, review chapters 3.1. to 3.4. as well as chapters 3.8. to 3.10.

3.1. Description of installation

A typical installation for a villa includes:

- a laptop or a mobile terminal, with the **hager Pilot** application installed, so that the Installer can configure the system,
- a mobile terminal named herein “**Mobile phone**” equipped with the **elcom access** application to carry out the tests (in our example, iPhone or Android telephone),
- an outdoor station named herein “**Gate**” on which only one bell button “**Home**” is used, and which i2bus address is “**0.0**”,
- an indoor station named herein “**Entrance**” which i2bus address is “**0.0**”.



3.2. Presentation of the applications

3.2.1. Configuration

The integration of the access gate between an IP environment and a two-wire gate intercom system is achieved via the **hager Pilot** application, a true configuration unit of the intelligence embedded in the access gate and in the hager cloud infrastructure required for correct operation of the system.

Browser compatibility

Use the following (or higher) versions:

- Internet Explorer 11,
- Google Chrome 32,
- Mozilla Firefox 27,
- Safari 7.0.2,
- Microsoft Edge 20.X.

OS Mobile compatibility

Use the following (or higher) versions:

- iOS 9,
- Android 4.4.

3.2.2. Scope

The access gate allows the users to establish a link with the traditional intercom system from a local area network (LAN) and Internet, via the **elcom access** application. It converts the data in both directions, and allows to interoperate a broad set of connected devices (smartphones, touch screens, IP cameras) with the i2bus bus based installations (outdoor, indoor stations, i2bus cameras, relays, etc.).

OS Mobile compatibility

Use the following (or higher) versions:

- iOS 10.2,
- Android 5.

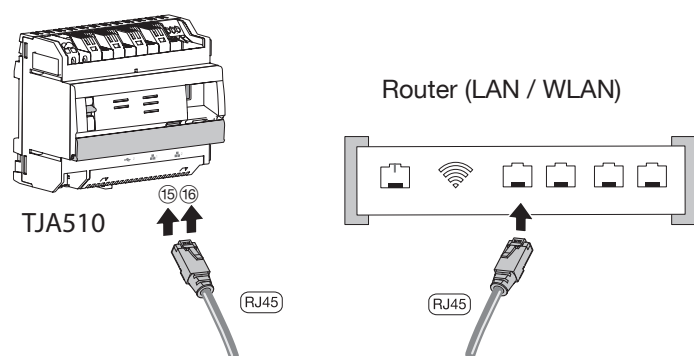
3.3. Installation of equipment



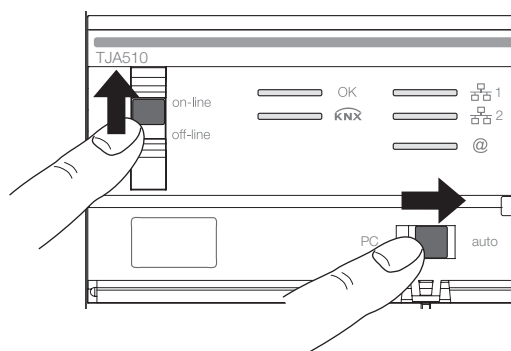
The access gate has never been configured, or was reset to the initial factory configuration.

In order to configure an installation of i2bus intercom with an IP environment, the Installer shall:

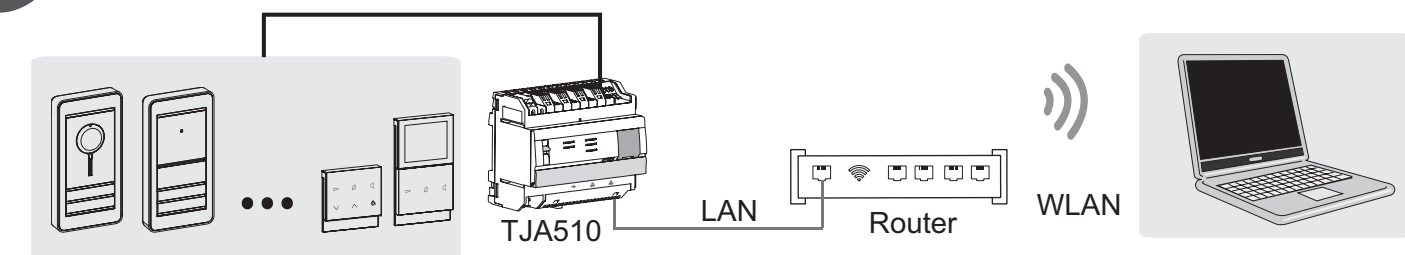
- 1** Connect the TJA510 server to the Wifi router via the LAN cable.



- 2** On TJA510: set switch ② to the on-line position, and switch ⑫ to auto position.



- 3** Activate Wifi of mobile terminal (PC, touch tablet, smartphone...), and register it with the Wifi network of the router.



For practical reasons and greater effectiveness, we strongly advise the Installer to have his own DHCP router (Wifi + 3G/4G) to carry out system configuration and tests locally (via the wifi) or by the Internet (via the 3G/4G). Under normal operation, the client shall use the access router of his internet operator (ISP box).

3.4. Software implementation

3.4.1. Installation of the hager Pilot application

• On mobile terminal:

- 1.** Download the **hager Pilot** application from Appstore or Google Play Store.



- 2.** Install the **hager Pilot** application, an icon will appear on the screen.

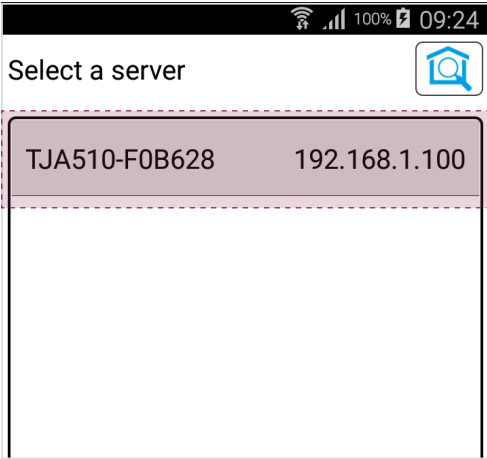


3.4.2. Starting hager Pilot application

Locally connect the mobile equipment to the network, which the access gate is connected to.

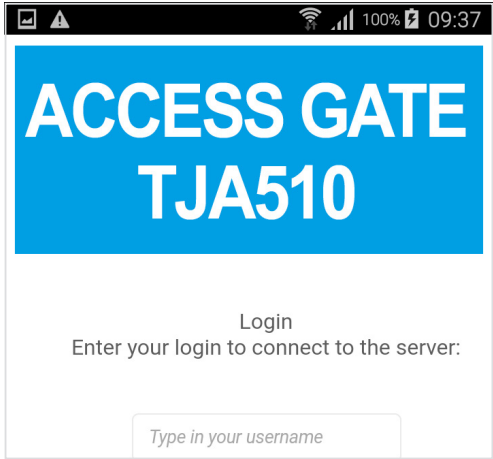
1

Start the **hager Pilot** application, the window of server selection will be displayed. Select a server.



2

You are now connected to the server (see chapter “Login to the access gate”).



3.4.3. Access to the configurator without hager Pilot

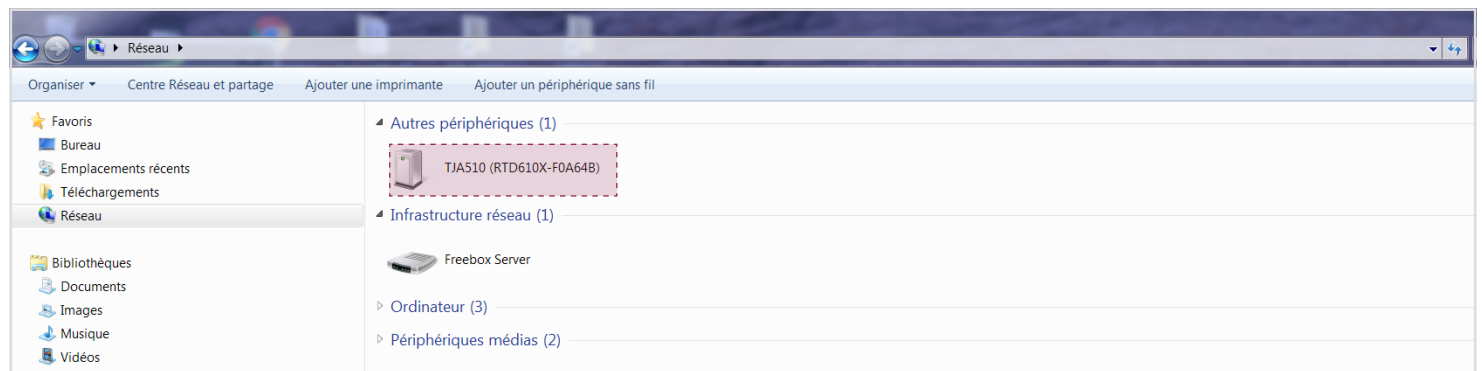
In certain circumstances, it may be necessary to access the configurator directly without using the hager Pilot application.

• With the web browser

This login mode requires knowing the IP address of the access gate: this address is provided by the local DHCP-server if switch ⑫ is set to “**auto**”. If switch ⑫ is set to “**PC**”, start the web browser and type in the IP address of the default gateway: 192.168.0.253).

• With the file explorer

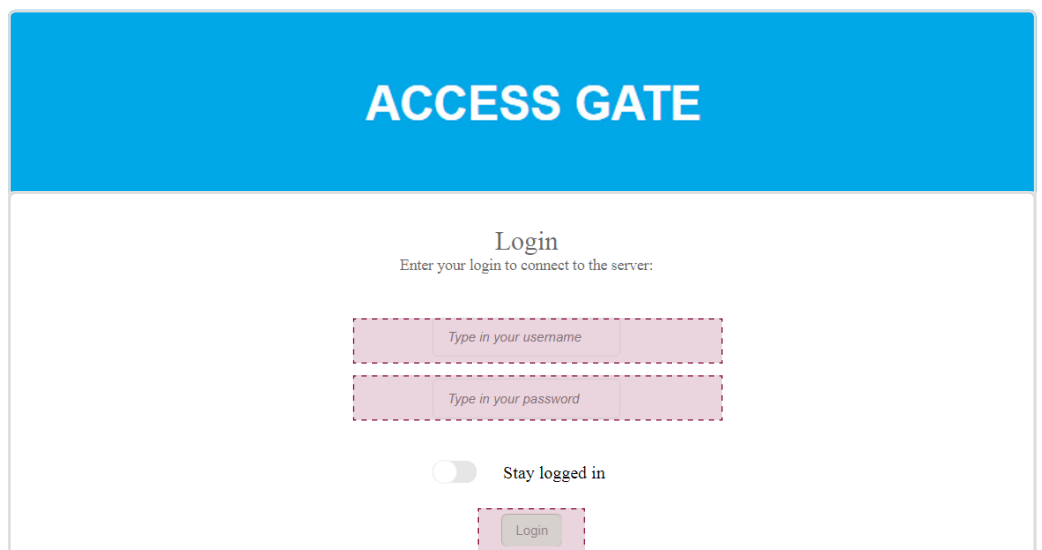
The Access gate TJA510 supports the UPnP function. Under Windows, UPnP devices are displayed in the **Network** heading. A double-click on TJA510 icon opens the configuration interface of the web browser.



3.4.4. Login to access gate

At this stage of the installation procedure, you can only connect under the Administrator profile since this is the only account that is active. The factory access data are as follows:

- Identifier: **admin**
- Password: **1234**
- Click on **Login**



The factory access data are active only during the installation and handover phases.

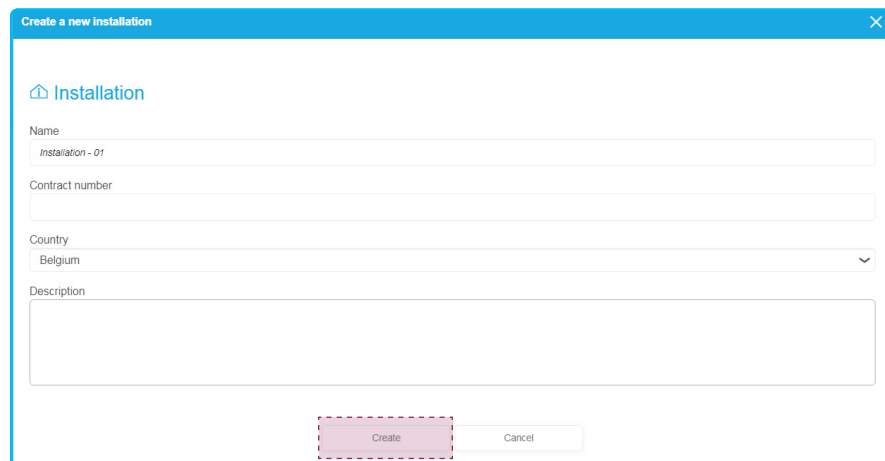
3.5. Access gate configuration

The page **Create a new installation** is displayed automatically and allows to start the installation.

3.5.1. Créer une installation

After the window **Create a new installation** is open, you must:

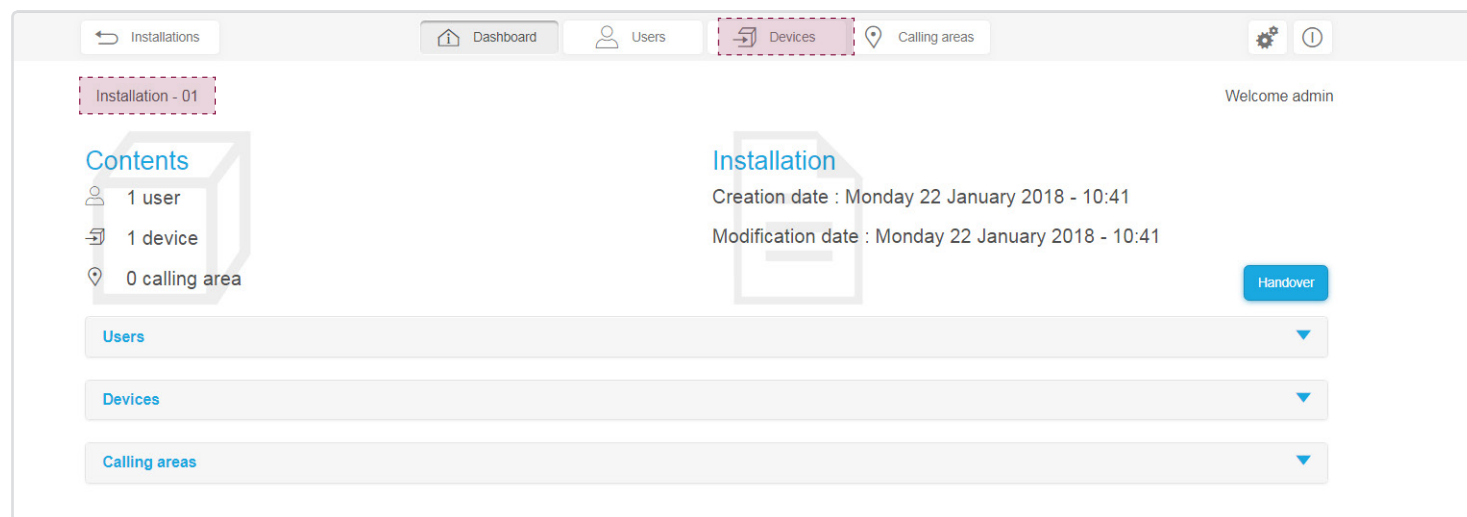
- click on **Create** to complete creation.



The dialog box titled "Create a new installation" has a blue header bar with a close button. Below the header, there is a section titled "Installation" with a home icon. It contains four input fields: "Name" (with "Installation - 01" as a placeholder), "Contract number", "Country" (a dropdown menu showing "Belgium"), and "Description". At the bottom, there are two buttons: "Create" (highlighted with a dashed red border) and "Cancel".

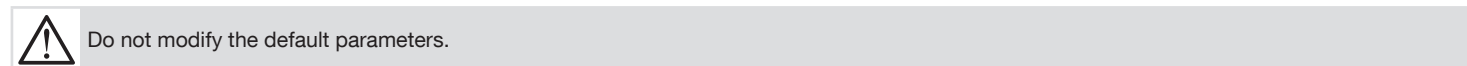
The window **Dashboard** is displayed and allows to view the content of the installation called **Installation-01**.

- click on the **Devices** button to create the devices of your installation.

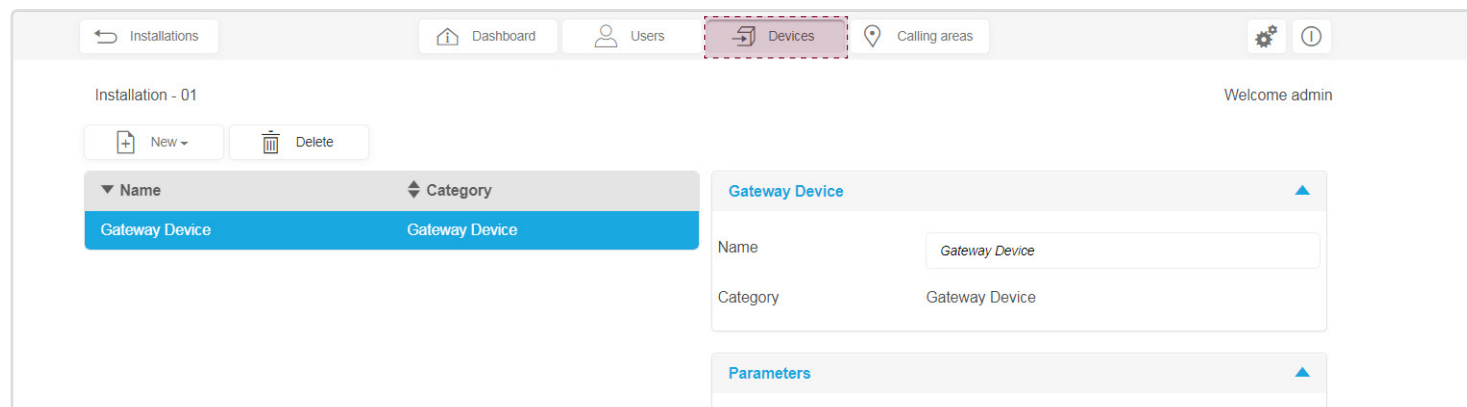


The Dashboard window shows a navigation bar at the top with tabs: "Installations", "Dashboard" (active), "Users", "Devices" (highlighted with a dashed red border), and "Calling areas". On the right of the navigation bar are settings and help icons. The main content area has a header "Installation - 01" and "Welcome admin". Below this, there is a "Contents" section with a 3D box icon and a list: "1 user", "1 device", and "0 calling area". To the right, there is an "Installation" section with a document icon, showing "Creation date : Monday 22 January 2018 - 10:41" and "Modification date : Monday 22 January 2018 - 10:41", and a "Handover" button. At the bottom, there are three expandable sections: "Users", "Devices", and "Calling areas", each with a dropdown arrow.

The **Devices** window will be displayed. This page allows to create i2bus and IP equipment of the installation. At this stage, the only declared device is the access gate (**Gateway Device**).



A warning banner with a yellow triangle icon containing an exclamation mark. The text reads: "Do not modify the default parameters."



The Devices window shows a navigation bar at the top with tabs: "Installations", "Dashboard", "Users", "Devices" (active and highlighted with a dashed red border), and "Calling areas". On the right of the navigation bar are settings and help icons. The main content area has a header "Installation - 01" and "Welcome admin". Below this, there are two buttons: "New" (with a plus icon) and "Delete" (with a trash icon). Below the buttons, there is a table with two columns: "Name" and "Category". The table has one row with "Gateway Device" in both columns. To the right of the table, there is a "Gateway Device" section with a dropdown arrow, showing "Name" (with "Gateway Device" as a placeholder) and "Category" (with "Gateway Device" as a placeholder). Below this, there is a "Parameters" section with a dropdown arrow.

3.5.2. Creating an outdoor station

Click on the **Devices** tab:

- click on **New**, a pull-down menu will be displayed,
- click on **Outdoor station**.

Installations

DashboardUsersDevicesCalling areas

Welcome admin

Installation - 01

NewDelete

Outdoor station

Indoor station

Functional relay

Additional camera

Camera (IP)

Mobile client (IP)

Category

Gateway Device

Gateway Device

NameGateway Device

CategoryGateway Device

Parameters

Address0F

Device ID (SIP)500

Echo cancellation delay150

Type of recordImage

DTMF codes:

DTMF release

Light command

Camera switch

- When the window of the outdoor station will be displayed, you may:
- personalize the name of the station (in our example: **Gate**),
 - validate the type of the outdoor station (in our example: **Audio/video**), select video and audio for a video outdoor station,
 - define the number of bell buttons used on the station by clicking on + (in our example: only 1 button is used),
 - create as many calling areas as there are bell buttons created. For that, click on **New** in the **Calling area** pull-down menu (in our example we must create only one calling area),
 - modify the address of the outdoor station so that it corresponds to the assignment of the device (see rotary switches or digital display). In our example, the address is **0.0**.

Installations

DashboardUsersDevicesCalling areas

Welcome admin

Installation - 01

NewDelete

NameCategory

GateOutdoor station

Gateway DeviceGateway Device

Outdoor station

NameGate

CategoryOutdoor station

Type☒ Audio / Video☐ Audio

Buttons number1+

Calling areasParticipant addressCalling areas ID (SIP)

New

Address00

Device ID (SIP)300

i

The address of the outdoor station (in our example: 0.0) is defined as follows:

- the first digit is the zone address, which matches either the line address of the line coupler if the installation is equipped for example with a RED111X, or is set to "0" if the installation is equipped with a Line power supply, RED011X for example,
- the second digit is the door address.

- When the calling area is created, you can modify:
- the name of the calling area (in our example: **Home**)
 - the address of the bell button so that it matches the assignment of the bell button of the outdoor station. In our example, the address of the calling area **Home** is **0.0**.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome admin

New

Delete

Name	Category
Gate	Outdoor station
Gateway Device	Gateway Device

Outdoor station

Name

Gate

Category

Outdoor station

Type

☒ Audio / Video

☐ Audio

Buttons number

1

+

Calling areas

Participant address

Calling areas ID (SIP)

Home

0

0

100

Parameters

Address

0

0

Device ID (SIP)

300

3.5.3. Creating an indoor station

- For creating an indoor station, use the Devices tab:
- click on **New**, a pull-down menu will be displayed,
 - click on **Indoor Station**.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome admin

New

Delete

Outdoor station

Indoor station

Functional relay

Additional camera

Camera (IP)

Mobile client (IP)

Name	Category
Gate	Outdoor station
Gateway Device	Gateway Device

Outdoor station

Name

Gate

Category

Outdoor station

Type

☒ Audio / Video

☐ Audio

Buttons number

1

+

Calling areas

Participant address

Calling areas ID (SIP)

Home

0

0

100

Parameters

Address

0

0

Device ID (SIP)

300

- When the window of the indoor station will be displayed, you can modify:
- the name of the indoor station (in our example: **Entrance**),
 - the address so that it corresponds to the assignment of the device (see rotary switch). In our example, the address of the indoor station is **0.0**.

← Installations

Dashboard

Users

Devices

Calling areas

⚙️ ⓘ

Installation - 01Welcome admin

+ New ▾

🗑️ Delete

▼ Name

Category

GateOutdoor station

Gateway DeviceGateway Device

Indoor station - 01Indoor station

Indoor station

NameEntrance

CategoryIndoor station

Parameters

Participant address00

Device ID (SIP)400

Link☐ Listening on 0/0

Floor call☒ Active
Floor call forward to IP devices

3.5.4. Creating a mobile terminal

- In order perform the tests of the installation, the Installer must create and associate a mobile terminal (smartphone, touch tablet). For declaring a mobile terminal, use the **Devices** tab:
- click on **New**, a pull-down menu will be displayed,
 - click on **Mobile client (IP)**.

← Installations

Dashboard

Users

Devices

Calling areas

⚙️ ⓘ

Installation - 01Welcome admin

+ New ▾

🗑️ Delete

Category

Indoor station

Outdoor station

Gateway Device

Outdoor station

Indoor station

Functional relay

Additional camera

Camera (IP)

Mobile client (IP)

Indoor station

NameEntrance

CategoryIndoor station

Parameters

Participant address00

Device ID (SIP)400

Link☐ Listening on 0/0

Floor call☒ Active
Floor call forward to IP devices

- When the **Mobile client (IP)** window will be displayed, you:
- may personalize the name of the station (in our example: **Mobile phone**),
 - must choose the name of the owner from the list of the users created using the owner Name pull-down menu. In our example, we assign the **Mobile phone** device to the owner **admin** who is the only user profile Saved.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome admin

New

Delete

Name

Category

Entrance

Indoor station

Gate

Outdoor station

Gateway Device

Gateway Device

mobile phone

Mobile client (IP)

Mobile client (IP)

Name

mobile phone

Category

Mobile client (IP)

State

No associated device

Revoke

Owner username

Allowed calling areas

admin

Parameters

Device ID (SIP)

401

Authorizations:

Door call

Authorized

Door release

Authorized

Camera switch

Authorized

When the **Mobile phone** device is assigned to the owner **admin**, you must validate the activation of **Allowed calling areas** (in our example: **Home**).

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome admin

New

Delete

Name

Category

Entrance

Indoor station

Gate

Outdoor station

Gateway Device

Gateway Device

mobile phone

Mobile client (IP)

Mobile client (IP)

Name

mobile phone

Category

Mobile client (IP)

State

No associated device

Revoke

Owner username

admin

Allowed calling areas

Home

Parameters

Device ID (SIP)

401

Authorizations:

Door call

Authorized

Door release

Authorized

Camera switch

Authorized

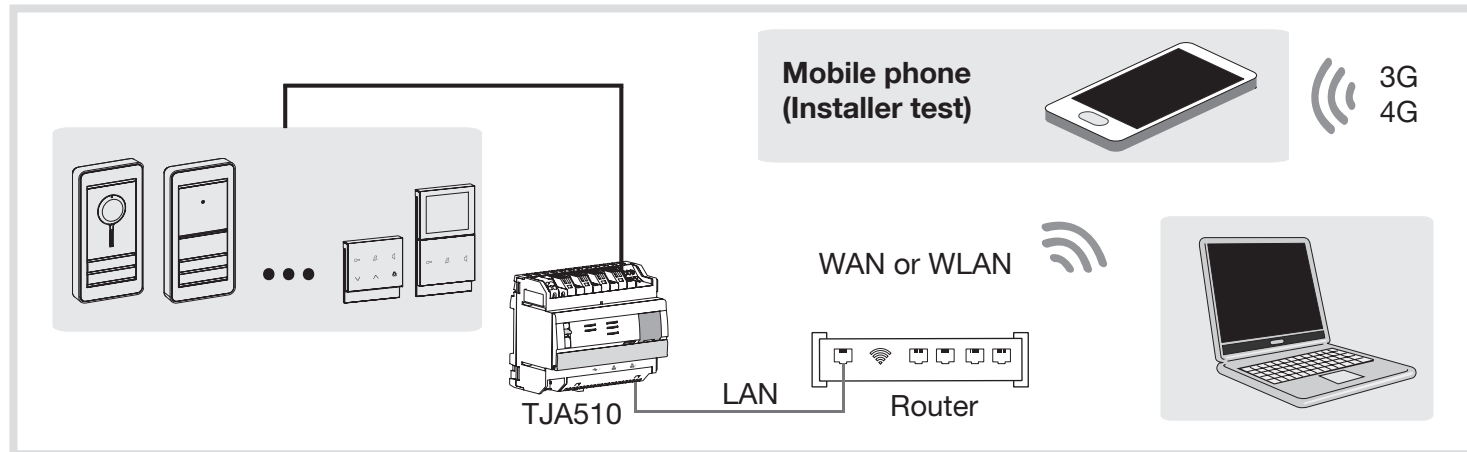
3.6. Tests

In order to carry out the tests of the installation, the mobile terminal named here “**Mobile phone**” must have the **elcom access** application installed.

3.6.1. Installation tests

In order to test a 2wire bus intercom installation in an IP environment, the following conditions must be met:

- the access gate must be connected to internet (**WAN**),
- the mobile terminal of the Installer must be created and associated with the configuration server.
- the mobile terminal of the Installer must have access to the Internet from his mobile (3G/4G or Internet via Wifi),
- the **elcom access** application must be downloaded on the mobile terminal used for the tests.



For practical reasons and greater effectiveness, we strongly advise the Installer to have his own DHCP router (Wifi + 3G/4G) to carry out system configuration and tests locally (via the wifi) or by internet (via the 3G/4G). Under normal operation, the client shall use the access router of his internet operator (ISP box).

3.6.2. Installation of elcom access application

OS mobile compatibility: Use the following (or higher) versions:

- iOS 10.2,
- Android 5.

The application is designed for use with touch tablet or smartphone.

1. Download the **elcom access** application from the Appstore or Google Play Store.
2. Install the **elcom access** application, an icon will appear on the screen.

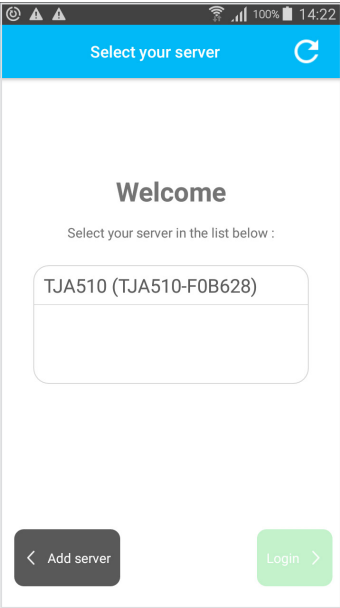


3.6.3. Start-up and login with elcom access

First connection of a mobile can only be made using wifi. Locally connect your mobile client (wifi) to the router which the access gate is connected to.

1

Start the **elcom access** application, the window **Select your server** will be displayed (1):



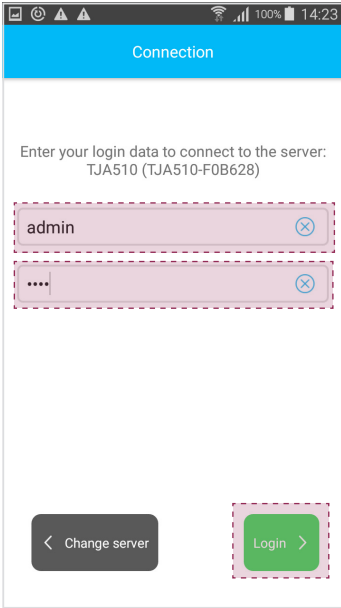
2

Select server **TJA510** of installation and click on **Login**.



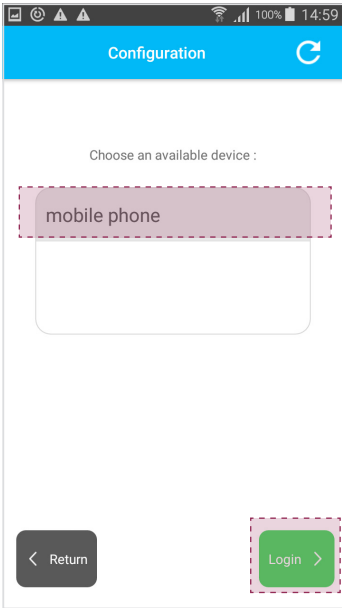
3

The Connection window will be displayed. Enter your **Username / Password** (in our example: **admin/1234**) and click on **Login**.



4


The **Configuration** window will be displayed with the name of the device to be associated (in our example: **Mobile phone**). Select **Mobile phone** and click on **Login**.



5

Your mobile terminal is now correctly associated. It can be used in the installation and you can carry out the tests.



(1) If your server is not listed, click on 

3.6.4. Call test

Before transferring the installation to his Client, the Installer shall check that local (wifi) and remote (3G/4G) communication between the IP environment (mobile terminal) and the 2-wire bus intercom is correct. For this, you shall check:

- reception/end of call from the outdoor station (bell button at the gate) on the mobile terminal,
- operation of gate or light controls, if any is used,
- transmission of video if the installation includes one or more cameras,
- quality of audio transmission,
- hands-free mode of operation (using a smartphone or a tablet),
- image or video memory if a call is missed (using the indoor station video comfort).

3.7. Handover procedure

Once the Installer has completed the installation, and that the tests are satisfactory, he can then transfer the Administrator rights to the owner. Proceed as follows:


- go back to the **Dashboard** page by clicking on the **Dashboard** tab,
- start the handover procedure by clicking on **Handover**.

The screenshot shows the myHager dashboard for 'Installation - 01'. The top navigation bar includes 'Installations', 'Dashboard' (highlighted with a red dashed box), 'Users', 'Devices', and 'Calling areas'. The main content area displays 'Welcome admin' and 'Contents' (1 user, 4 devices, 1 calling area). The 'Installation' section shows 'Creation date : Monday 22 January 2018 - 10:41' and 'Modification date : Monday 22 January 2018 - 11:10'. A 'Handover' button is highlighted with a red dashed box. Below are sections for 'Users' and 'Devices'.

Name	Role	Active
admin	Administrator	<input checked="" type="checkbox"/>

Name	Category	Address
Gateway Device	Gateway Device	0/F
Entrance	Indoor station	0/0
mobile phone	Mobile client (IP)	
Gate	Outdoor station	0/0

The Handover window will be displayed. Fill in the fields required to Save the access gate to your account myHager. The field of the **login identifier (Username)** allows to update a local account that can be used for remote connection thereafter. The Administrator's account (Identifier: **admin** and Password: **1234**) will no longer be active when the Handover phase is completed.

 If you don't have a professional Hager account, you must create one now by clicking on **No myHager account or Password forgotten?**

After filling in the information requested, you must check it out by clicking on **Next**.

The 'Handover' window displays a three-step process. Step 1 is active, showing instructions to link the installation with a myHager account. It includes a text input for the email (pre-filled with 'instcorp@hager.com'), a password field, and a text input for the user ID (pre-filled with 'InstCorp'). A link 'No myHager account or Password forgotten?' is at the bottom left. 'Cancel' and 'Next' buttons are at the bottom right, with 'Next' highlighted by a red dashed box.

The account is checked and the access gate is now Saved in the Installer's myHager account. You can then transfer the installation and the Administrator's rights to the owner. If you know the owner's email address, you shall then:

- fill in its email address (in our example: **mr.martin@gmail.com**),
- click on **Send** to inform the owner of the handover of Administrator's rights to his account and including:
 - a download link of **hager Pilot** application for login to server TJA510,
 - the default identifier and password of the Administrator profile (Identifier: **admin** and Password: **1234**) to login to the server.

Handover

1

2

3

Congratulations, you are ready to make the handover.

Add the email address of the owner so we can send information to facilitate the grip.

mr.martin@gmail.com

I don't have the email.

Send

If you don't have the owner's email address:

- click on **I don't have the email**,
- no message will be send to the owner to tell him he is now Administrator of installation. In this case, the Installer shall inform the owner directly and provide him with all the necessary details to finalize the installation.

A confirmation window will be displayed.

Handover

1

2

3

Congratulations, the administration rights have been transfered per email to mr.martin@gmail.com

You can now leave the Hager pilot application. As Installer, you will always be able to log in by using your myHager account ID. Many thanks.

The task specific to the Installer is now completed. From there:

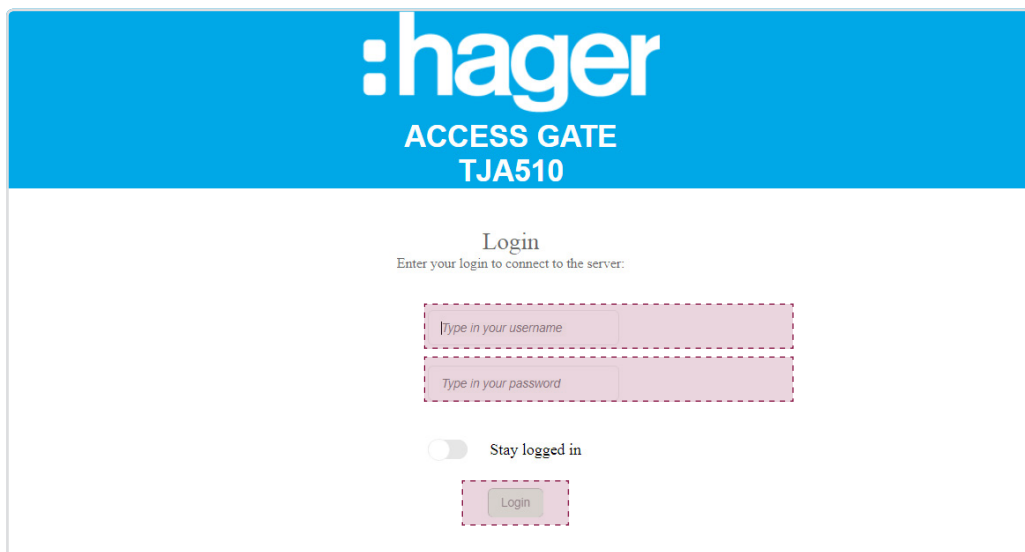
- the owner is informed that he is now the installation Administrator, and he must finalize the handover procedure according to the instructions provided in the related documentation,
- the Administrator's account will remain active (identifier: **admin** and Password: **1234**) until the owner finalizes the handover phase,
- the new account of the installer is deactivated in the access gate when handover has been completed by the owner,
- only the owner can reactivate the Installer's account on a permanent or provisional basis. This makes possible remote support of the installation by the Installer.

3.8. Handover finalization by owner

In order to complete handover, you must first follow the steps as detailed in chapters 3.1. to 3.4.

Access gate TJA510 is connected to the box (ISP) of the owner, and you are connected to the access gate via the **hager Pilot** application. At this stage of installation, you can only login using the Administrator's profile as this is the only active account available. The factory access data are:

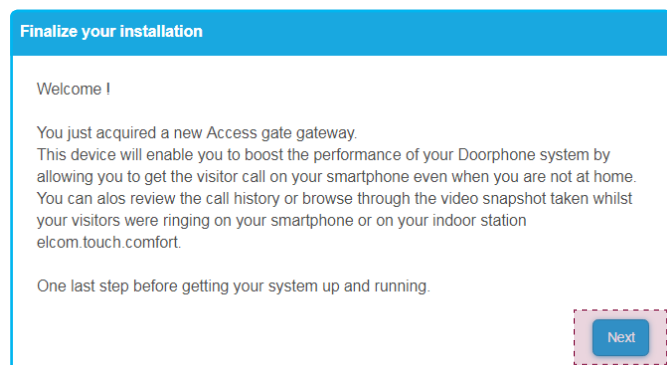
- identifier: **admin**
- password: **1234**
- click on **Login**.




 The factory access account (Identifier: **admin** and Password: **1234**) will be disabled at the end of the handover phase.

You are now connected to the server. A window will be displayed and inform the user of installation finalization.

- Click on **Next**.

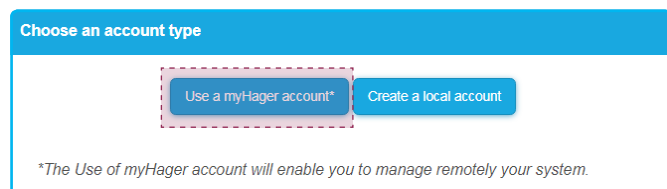


A window **Choose an account type** is displayed inviting you to create a myHager account or a local account.

 The use of a myHager account gives you remote access (via hager Pilot) to the configuration of your system. The local account enables you only to manage your system (via hager Pilot) from the local area network (LAN).

In our example, the owner has a myHager account:

- Click on **Use a myHager account**.



A window inviting you to use your myHager account is displayed. This account will replace the (default) administrator's account of the access gate.



If you do not have a myHager account, then you must create one now by clicking on the link **No myHager account or Password forgotten?**

You must fill in the required information then:

- the email address of your myHager account,
- the password of your myHager account,
- the login identifier (Username) which you want to use to login on this device,
- click on **Next**.



The Login and Password typed in are the new access data of the Administrator's account on the access gate. Please Save these login details and keep them for future reference; choose a secure password not too easy to guess (avoid: common word, first name, birth date, date of marriage, etc.).

Use a myHager account

To finalize your installation, please fill in your myHager account information:

mr.martin@gmail.com

Enter here the id (User Name) that you would like to use on this device

martin

[No myHager account or Password forgotten?](#)

Back

Next

A window **Create a new mobile device** inviting you to create a mobile terminal is displayed. You can personalize the name of the device (in our example: **touch pad**). The calling area (in our example: **Home**) is already validated.

- Click on **Next**.

Create a new mobile device

Name

touch pad

☒ Home

Later

Next

A window **Finalize your installation** informs you of the recommendations to be followed in order to use or configure your connected intercom.

If you want to create a new user equipped with a terminal, click on **Add a new user**.

Finalize your installation

Congratulations !

You are now ready to use your new connected doorphone system !

You have got an email that details you how to install you mobile app ("Elcom Access").
You will require this app to get the video call from your doorphone system.

The admin account has been deactivated for security reason. During you next login session, please use the Login/password that you just previously have created.

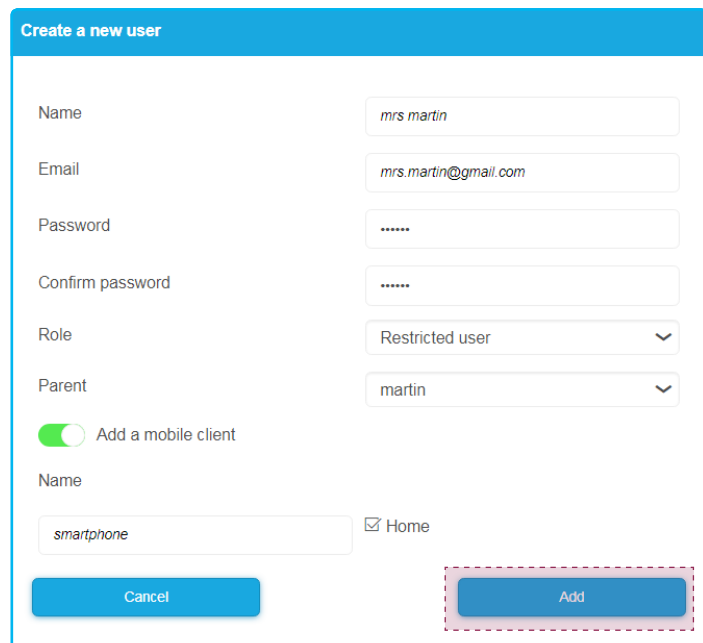
Have a nice doorphone experience, with Access Gate !

Add a new user

Finish

A new window **Finalize your installation** will be displayed. You must fill in the requested information:

- name of user, in our example: **mrs martin**
- her email address, in our example: **mrs.martin@gmail.com**
- her password (at least 8 characters)
- modify the name of the mobile terminal in **smartphone**
- using the **Parent** pull-down menu, choose the owner account Martin which will determine the access rights of this new user
- check validation of the calling area. In our example **Home** is activated,
- click on **Add**.



Create a new user

Name

Email

Password

Confirm password

Role

Parent

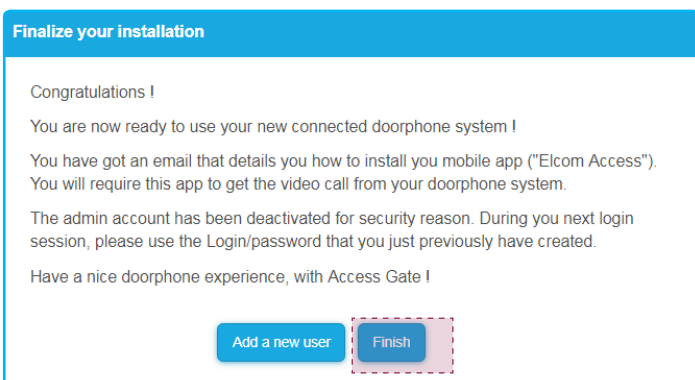
☒ Add a mobile client

Name ☒ Home

A window **Finalize your installation** informs you of the recommendations to be followed in order to use or configure your connected doorphone.

If you want to create a new user equipped with a terminal, click on **Add a new user**.

If you want to add a new user, repeat the previous step as many times as necessary by clicking on **Add a new user** then click on **Finish** to finalize installation.



Finalize your installation

Congratulations !

You are now ready to use your new connected doorphone system !

You have got an email that details you how to install you mobile app ("Elcom Access").
You will require this app to get the video call from your doorphone system.

The admin account has been deactivated for security reason. During you next login session, please use the Login/password that you just previously have created.

Have a nice doorphone experience, with Access Gate !

The **Dashboard** window is displayed and allows to review the contents of installation.

- You can now log off from the access gate by clicking on ①.



Installations

Dashboard

Users

Devices

Calling areas



Installation - 01

Welcome martin

Contents

3 users

6 devices

1 calling area

Installation

Creation date : Monday 22 January 2018 - 10:41

Modification date : Monday 22 January 2018 - 13:35


Add a new user

Add a mobile client

Users

Devices

Calling areas

 You must now associate the mobile terminals with the access gate, as explained in the next chapter.

3.9. System operation

In order to use mobile terminals with the intercom, they must have the elcom access application installed (in our example: **Touch pad** for the owner **martin** and smartphone for the user **mrs martin**).

3.9.1. Installation of elcom access application

OS Mobile compatibility: use the following (or higher) versions:

- iOS 10.2,
- Android 5.

The application is designed for operation with touch tablet or Smartphone.



1. Download the **elcom access** application from Appstore or Google Play Store.

2. Install the **elcom access** application, an icon will appear on the screen.

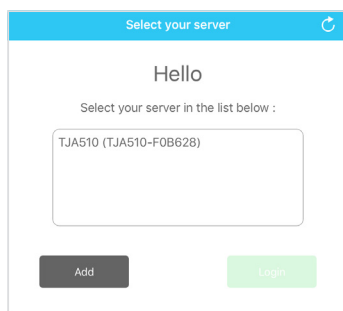


3.9.2. Login to and starting the elcom access application (Quick installation guide)

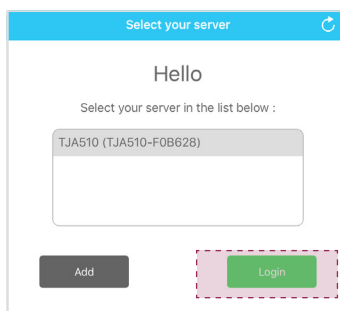
On first login, locally connect your mobile terminal (wifi) to the router which the access gate is connected to.

- associate the device to owner **Martin**.

1 Start the **elcom access** application, the window **Select your server** will be displayed:

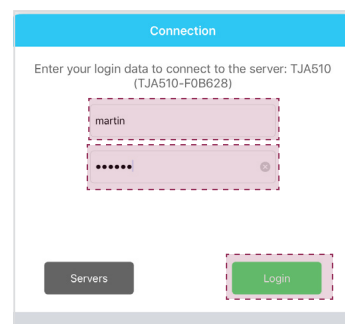


2 Select server **TJA510** of the installation and click on **Login**.

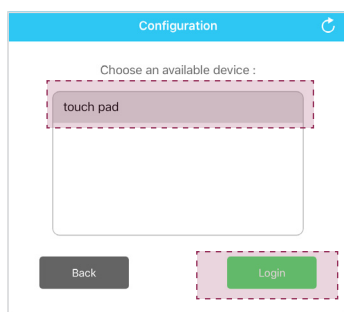


3 The **Login** window will be displayed. Type in:

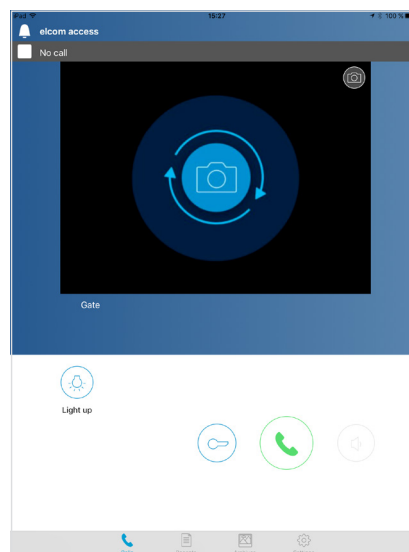
- the Username (in our example: **Martin**)
- and the password,
- and click on **Login**.



4 The **Configuration** window will be displayed with the name of the device to be associated (in our example: **Touch pad**). Select **Touch pad** and click on **Login**.

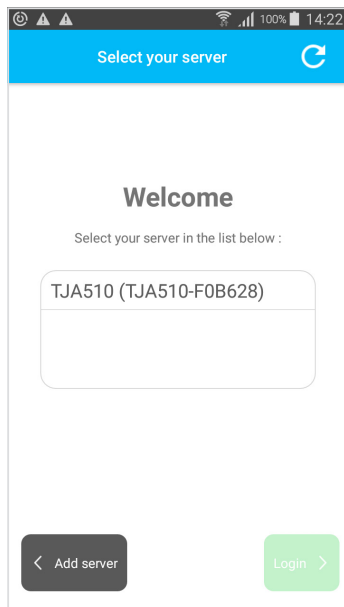


5 Your mobile terminal is now correctly associated. It can be used with the installation and you may perform the tests.

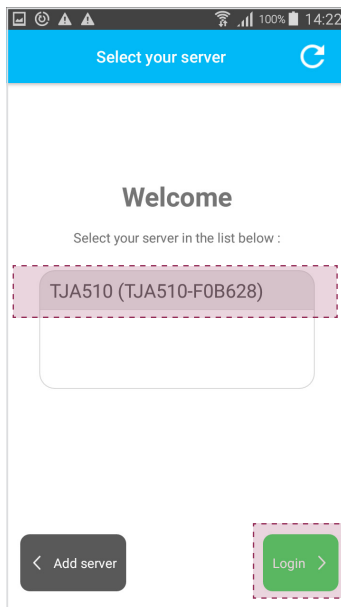


- In order to associate the device of new user **mrs martin**.

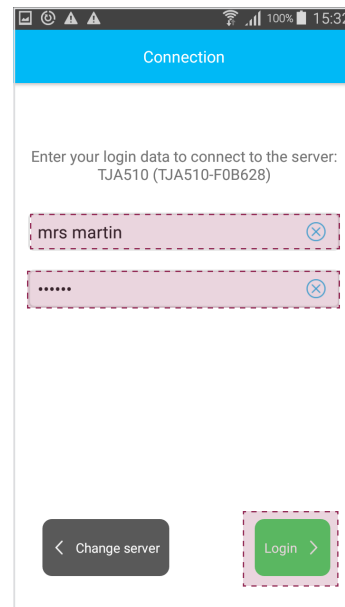
- 1** Start the **elcom access** application, the window **Select your server** will be displayed:



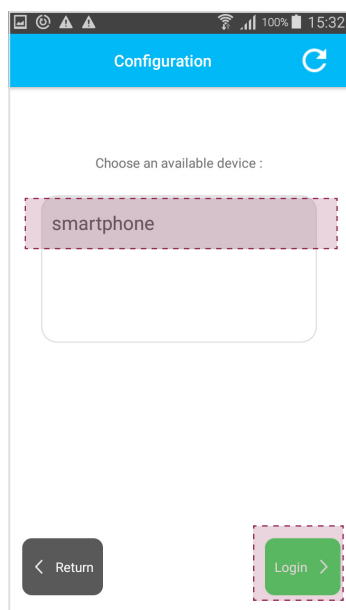
- 2** Select installation server **TJA510** and click on **Login**.



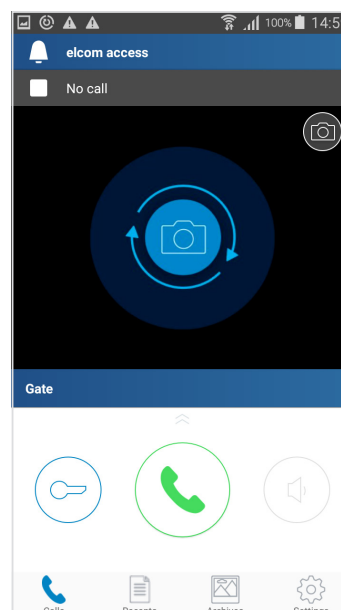
- 3** The **Login** window will be displayed. You must enter:
- the Username (in our example: **mrs martin**) and the Password,
 - and click on **Login**.



- 4** The **Configuration** window will be displayed with the name of the device to be associated (in our example: **smartphone**). Select **smartphone** and click on **Login**.



- 5** Your mobile terminal is now correctly associated. It can be used with the installation and you may perform the tests.





The Quick installation process is completed.
The next sections are a detailed configuration guide for TJA510 access gate.

4. TJA510 detailed configuration guide

4.1. Login to server

When you are connected to the server TJA510, the configuration software allows you:

- to create and configure a new installation,
- to create user profiles associated with these installations.

After selecting the server TJA510 and provided an installation is already created, the login page will be displayed.

ACCESS GATE

Login

Enter your login to connect to the server:

You may login to the configuration application interface using the access data of your user profile:

- **identifier**: up to 40 characters,
- **password**: up to 40 characters,
- click on **Login**.



The factory access data are active only during the installation and handover phases (Identifier: **admin** and Password: **1234**).

After connection to the server, the general installation page is displayed (if several installations are already set up) and allows:

- to manage an installation using the buttons of the navigation bar (+, Open, Edit, Delete, Save Installation),
- to view the name of the online user (in our example, the user profile is Martin),
- to review installations already created.

Welcome martin

+ New Open Edit Delete Save Installation

Name	Date	Memo	Active
Installation - 02	Monday 22 January 2018 - 13:54		<input checked="" type="checkbox"/>
Installation - 01	Monday 22 January 2018 - 13:35		<input type="checkbox"/>

4.2. Installations

This section allows to create a new installation, and to display and manage the existing installations.

4.2.1. Creating a new installation

When the list of installations is displayed:

- click on **New**, a pull-down menu will be displayed,
- click on **Create a new installation**.

Welcome martin

+ New Open Edit Delete Save Installation

Create a new installation

Import installation

Name	Date	Memo	Active
Installation - 02	Monday 22 January 2018 - 13:54		<input checked="" type="checkbox"/>
Installation - 01	Monday 22 January 2018 - 13:35		<input type="checkbox"/>

The window **Create a new installation** will open, in which you may:

- fill in the necessary information for creating the new installation (by default, the name **Installation-03** will be displayed),
- click on **Create** to finalize creation.

The dialog box titled "Create a new installation" has a blue header bar with a close button. Below the header, there is a section titled "Installation" with a home icon. The form contains the following fields: "Name" (with "Installation - 03" pre-filled), "Contract number", "Country" (a dropdown menu currently showing "Belgium"), and "Description" (a large text area). At the bottom right, there are two buttons: "Create" (highlighted with a red dashed border) and "Cancel".

The created installation file opens automatically in the dashboard.

The dashboard has a top navigation bar with tabs: "Installations" (selected), "Dashboard", "Users", "Devices", and "Calling areas". On the right of the navigation bar are settings and help icons. The main content area shows "Installation - 03" at the top left, highlighted with a red dashed border. To its right is a "Welcome martin" message. Below the installation name, there is a "Contents" section showing "3 users", "1 device", and "0 calling area". To the right of this is an "Installation" section with "Creation date : Monday 22 January 2018 - 13:57" and "Modification date : Monday 22 January 2018 - 13:57". Below these are two buttons: "Add a new user" and "Add a mobile client". At the bottom, there are three expandable sections: "Users", "Devices", and "Calling areas", each with a dropdown arrow.

4.2.2. Importing an installation

Using the export file of an installation, it is possible to import the settings of an installation previously saved..

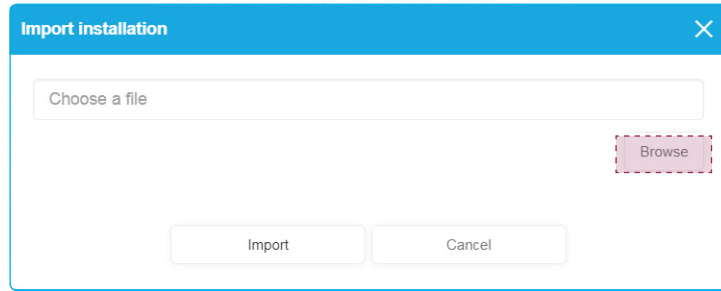
When the list of installations is displayed:

- click on **New**, a pull-down menu will be displayed,
- click on **Import installation**.

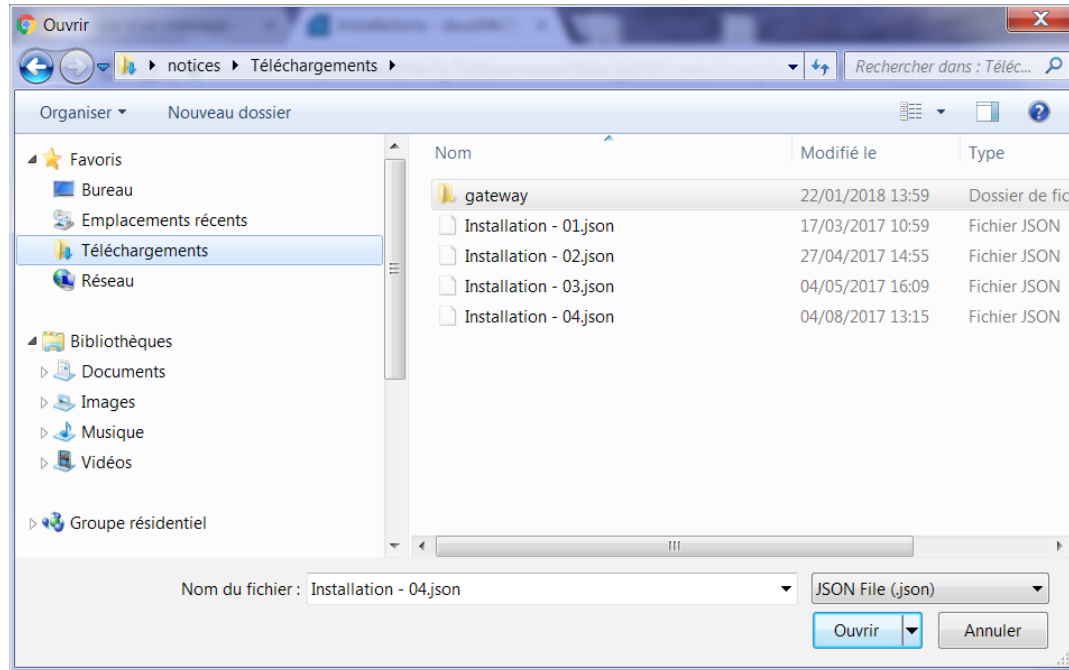
The screenshot shows the "Installations" list in the dashboard. At the top right is a "Welcome martin" message. Below the navigation bar, there is a toolbar with buttons: "New" (highlighted with a red dashed border), "Open", "Edit", "Delete", and "Save installation". The "New" button has a pull-down menu open, showing two options: "Create a new installation" and "Import installation" (highlighted with a red dashed border). Below the toolbar is a table of installations. The table has columns: "Date", "Memo", and "Active". The first row is highlighted in blue and shows "Monday 22 January 2018 - 13:57", a memo icon, and a green toggle switch. The second row shows "Installation - 02", "Monday 22 January 2018 - 13:54", a memo icon, and a grey toggle switch. The third row shows "Installation - 01", "Monday 22 January 2018 - 13:35", a memo icon, and a grey toggle switch.

The window **Import installation** will be displayed.

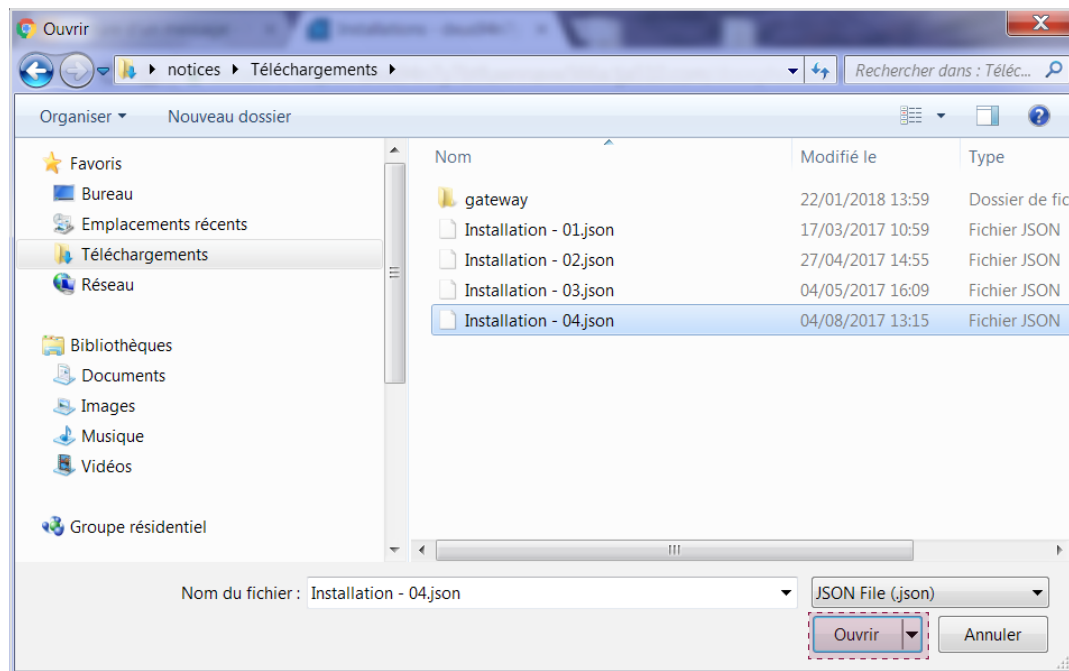
- Click on **Browse** to select the installation file to be imported.



A window will be displayed and you must select the installation file to put in.



- Select the installation file, and click on **Open**.



The installation file to be imported use **.json** format.

Next click on **Import**.

Import installation

Installation - 04.json

Browse

Import

Cancel

The imported file opens automatically in the Dashboard.

- Click on **Installations** to view the list of installations.

Installations

DashboardUsersDevicesCalling areas

Welcome martin

Installation - 04

Contents

3 users

1 device

0 calling area

Installation

Creation date : Friday 04 August 2017 - 13:08

Modification date : Monday 22 January 2018 - 14:07

Add a new user

Add a mobile client

Users

Devices

Calling areas

The imported file appears in the list of installations of the configuration server:

Welcome martin

New

Open

Edit

Delete

Save installation

Name	Date	Memo	Active
Installation - 04	Monday 22 January 2018 - 14:12		<input checked="" type="checkbox"/>
Installation - 03	Monday 22 January 2018 - 13:57		<input type="checkbox"/>
Installation - 02	Monday 22 January 2018 - 13:54		<input type="checkbox"/>
Installation - 01	Monday 22 January 2018 - 13:35		<input type="checkbox"/>

4.2.3. Opening an installation

Several projects may be stored in the configuration server. Configuration of an installation may be reviewed, and an installation can be created and modified at this level.

- After an installation has been selected, click on **Open**. It is also possible to open an installation by clicking directly on its name.

The screenshot shows a web interface with a top bar containing a settings icon, an information icon, and the text "Welcome martin". Below the top bar is a toolbar with buttons: "New" (with a plus icon), "Open" (with a folder icon, highlighted with a red dashed border), "Edit" (with a pencil icon), "Delete" (with a trash icon), and "Save installation" (with a circular arrow icon). Below the toolbar is a table with the following columns: "Name", "Date", "Memo", and "Active". The table contains four rows of installation data:

Name	Date	Memo	Active
Installation - 04	Monday 22 January 2018 - 14:12		<input checked="" type="checkbox"/>
Installation - 03	Monday 22 January 2018 - 13:57		<input type="checkbox"/>
Installation - 02	Monday 22 January 2018 - 13:54		<input type="checkbox"/>
Installation - 01	Monday 22 January 2018 - 13:35		<input type="checkbox"/>



When an installation is opened, the system automatically feeds these new parameters to the server TJA510 configuration. In the event of apparent system operation failure, or unexpected behaviors, check that the related installation is active (last open installation).

4.2.4. Editing an installation

The related information for an existing installation can be modified at this level:

- After an installation has been selected, click on **Edit**.

The screenshot shows the same web interface as before, but the "Edit" button in the toolbar is now highlighted with a red dashed border. The table of installations is the same, but the "Active" column shows that "Installation - 01" is now the active installation (checkbox checked).

The **Edit Installation** window will appear.

- Once the modifications have been made, click on **Save** to back up the data.

The "Edit installation" window is a modal dialog with a blue header bar containing the title "Edit installation" and a close button (X). The main content area has a blue header with a house icon and the text "Installation". Below this, there are several form fields:

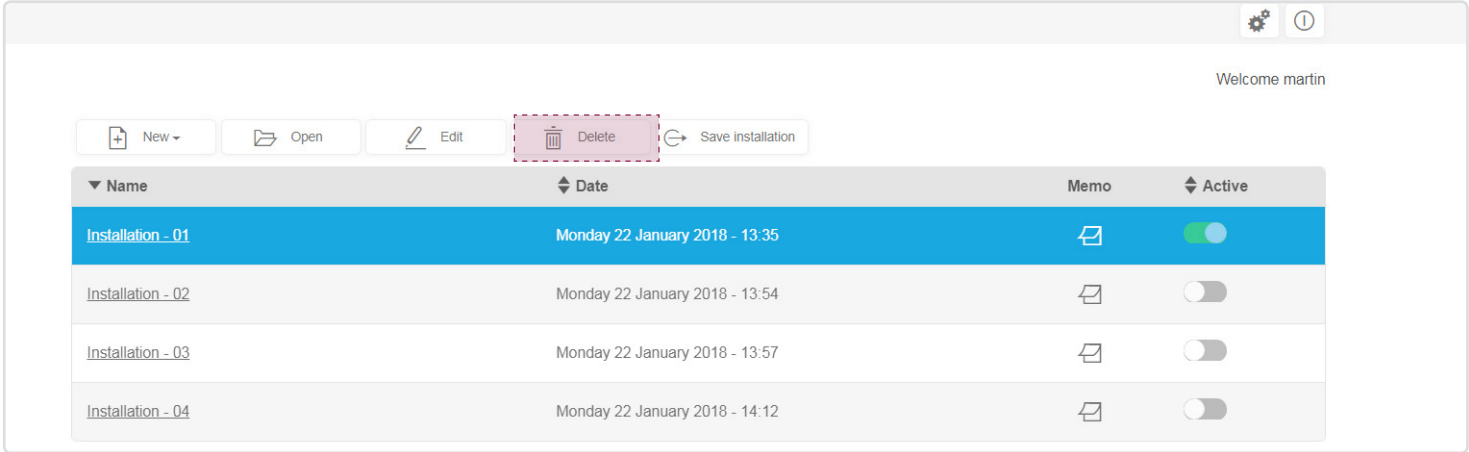
- Name:** A text input field containing "Installation - 01".
- Creation date:** A text input field containing "Monday 22 January 2018 - 10:41".
- Modification date:** A text input field containing "Monday 22 January 2018 - 13:35".
- Contract number:** A text input field.
- Country:** A dropdown menu with "France" selected.
- Description:** A large text area.

At the bottom of the window, there are two buttons: "Save" (highlighted with a red dashed border) and "Cancel".

4.2.5. Deleting an installation

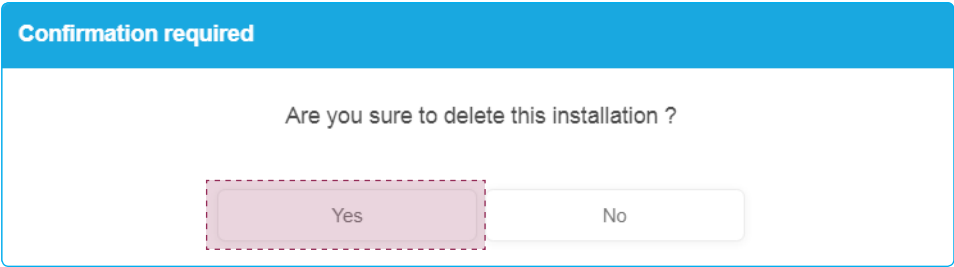
The installation settings saved are deleted from the built-in memory of the configuration server:

- After an installation has been selected, click on **Delete**.



A **Confirmation required** window will appear, requesting action:

- Click on **Yes** to confirm deletion.

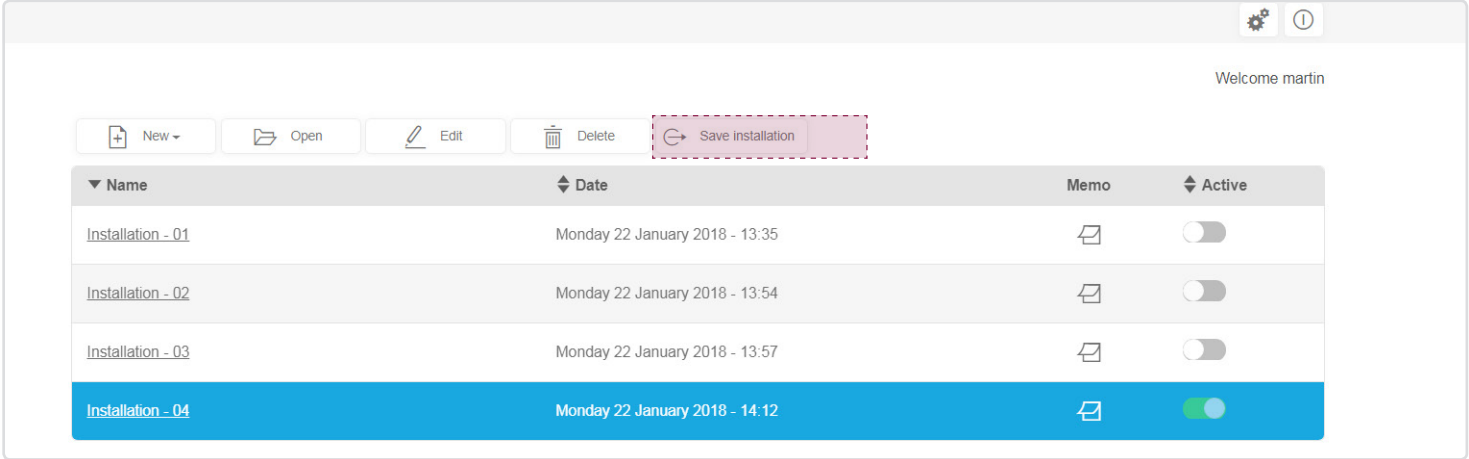


4.2.6. Saving an installation

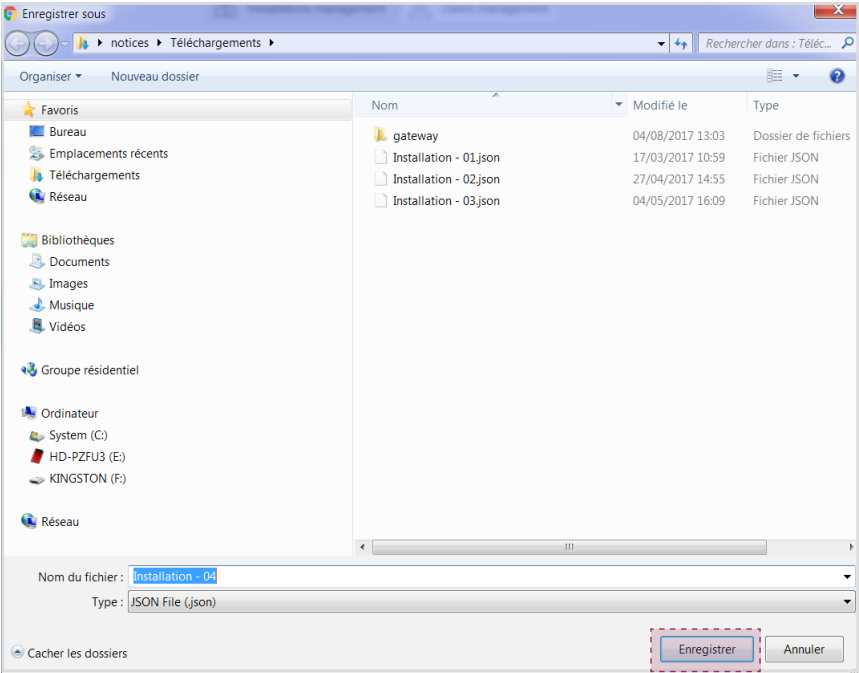
allows to back up a project on a separate external medium.

Select the installation to be backed up, and then generate the installation backup:

- Click on **Save installation**.

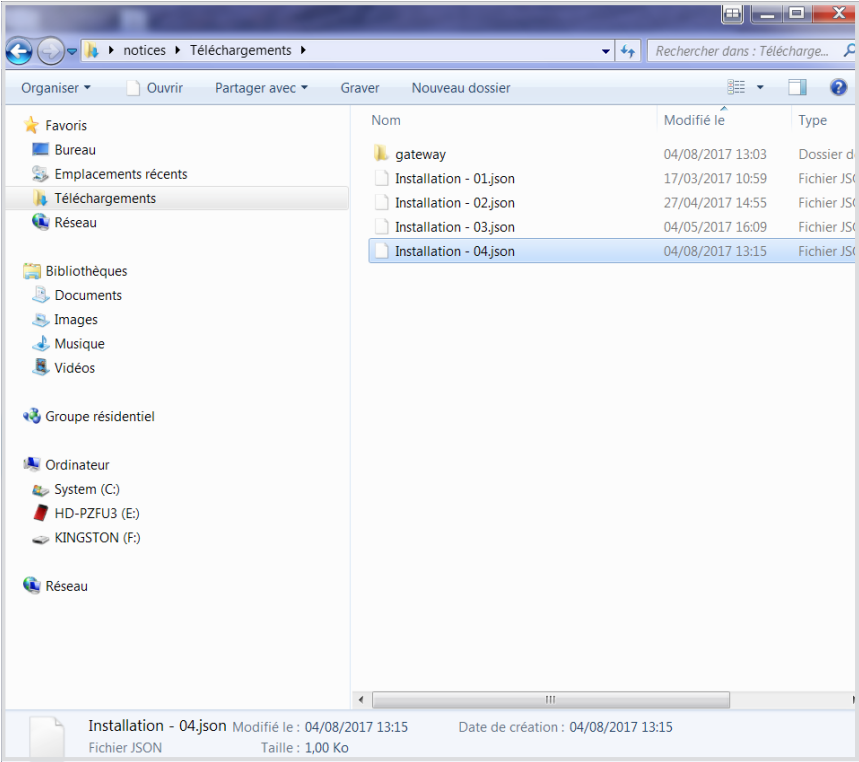


A window will be displayed, click on **Save** to start downloading the file.



It is possible that the file management window does not appear. In this case, the file is directly generated with the default name in the downloading directory of your web browser. To display this window, review the parameter settings of your web browser in the download section.


After downloading has been completed, archive the backup file.

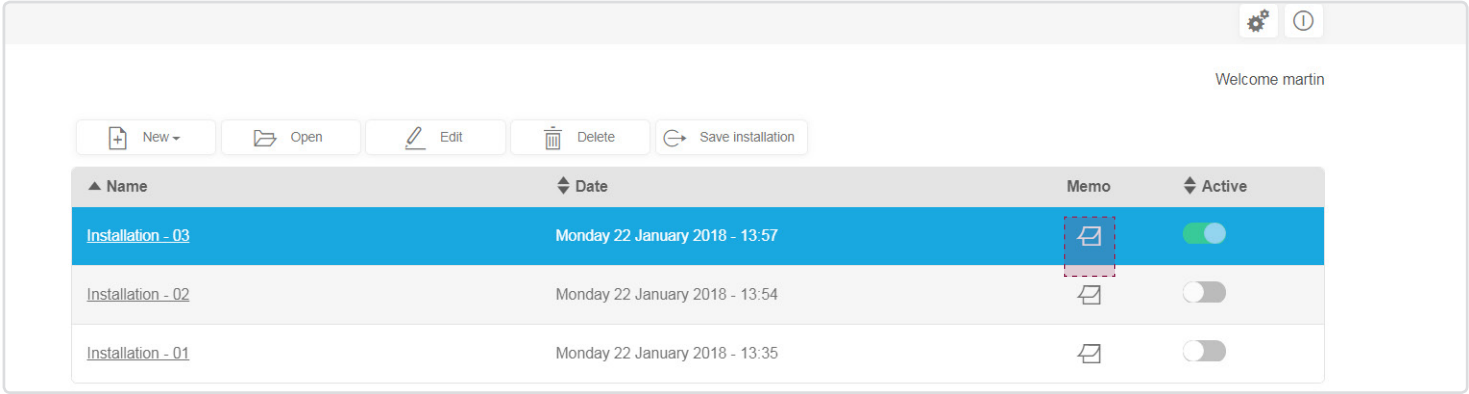


4.2.7. Creating a Memo

You can enter a task to be carried out as comment, or any other information related to an installation.

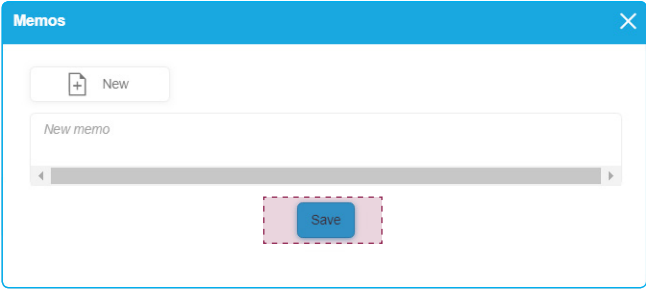
When the list of installations is displayed:

- Click on  , for example to add a memo about a task to be carried out.

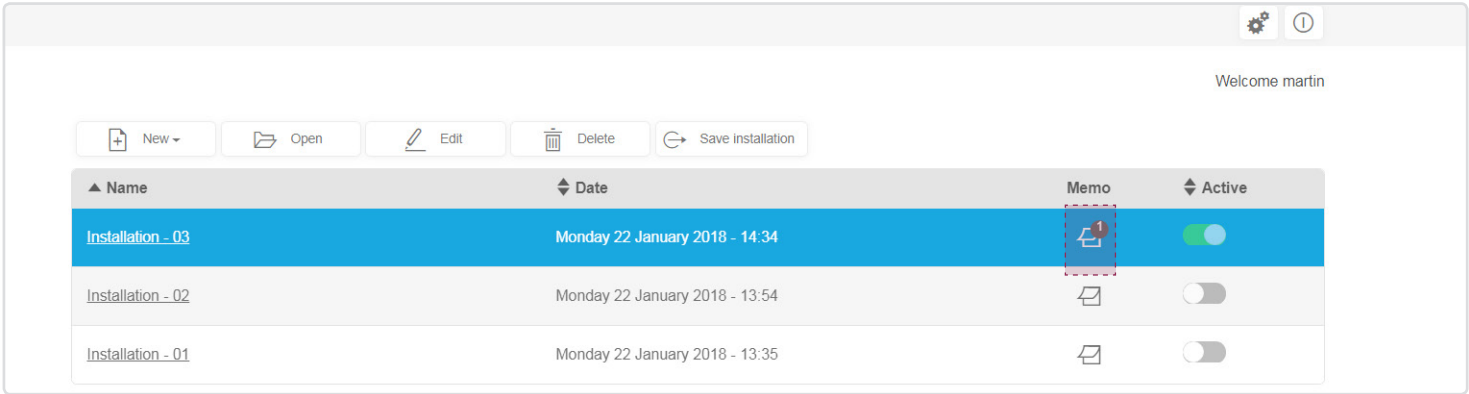


The **Memos** window is displayed.

- Next click on **Save** to save the memo.



The number of memos recorded can be viewed in the Installations window.



4.3. Dashboard

When an installation (**Installation-01** in our example) has been selected in the **Installations Management** section, the **Dashboard** page allows the user:

- to display in the **Contents** section an overall view of the installation's elements, such as **Users**, **Devices** and **Calling areas**,
- to display the list of **Users** configured with the following information:
 - **Name** of user with a dynamic link allowing to display the detailed view
 - **Role** of the user
 - the state of the user's account (**Activated** or not),
- to display the list of **Devices** configured with the following details:
 - **Name** of the device with a dynamic link allowing to display the detailed view
 - **Category** of the device
 - **Address** of the device in the 2-wire bus installation,
- to display the list of the **Calling areas** configured with the following details:
 - **Name** of the calling area with a dynamic link allowing to display the detailed view
 - **Category** of the calling area
 - **Devices** (mobiles) **associated** with the calling area
 - **Address** of participant of the calling area (address of bell button),
- to add a user and his mobile device with an **Add a new user** button (see section 4.4.1. Creating a new user),
- to add a mobile device and to associate it with an existing user, and with an **Add a mobile client** button.

The screenshot shows the 'Installation - 01' dashboard. At the top, there's a navigation bar with 'Installations', 'Dashboard' (selected), 'Users', 'Devices', and 'Calling areas'. A 'Welcome martin' message is on the right. The 'Contents' section shows 3 users, 4 devices, and 1 calling area. The 'Installation' section displays creation and modification dates. On the right, there are buttons for 'Add a new user' and 'Add a mobile client'. Below are three tables: 'Users' with columns Name, Role, and Active; 'Devices' with columns Name, Category, and Address; and 'Calling areas' with columns Name, Category, Devices members, and Participant address.

Name	Role	Active
martin	Administrator	<input checked="" type="checkbox"/>
InstCorp	Installer	<input type="checkbox"/>
mrs.martin	Restricted user	<input checked="" type="checkbox"/>

Name	Category	Address
Gateway Device	Gateway Device	0/F
Entrance	Indoor station	0/0
touch pad	Mobile client (IP)	
Gate	Outdoor station	0/0

Name	Category	Devices members	Participant address
Bell button - 01	Bell button		0/0



The displayed information of the installation's elements is dynamic, i.e. it depends on the role (profile) of the online user.

4.4. Users

This section allows the user:

- to create or remove the users by defining the profile or the role of each one,
- to view and manage the existing user profiles (saved in the configuration server),
- to modify access rights.

There are 4 different user profiles:

- **administrator**: it is the only active default account when logging to a configuration server. It has a full access to the configuration software, and all the rights. There is only one Administrator's account for each configuration server.
- **installer**: his role is to install the equipment. He has full access to the configuration software. Only the Administrator can create or delete an Installer profile.
- **referent user**: there are potentially as many referent users as there are calling areas (bell buttons). It has an access right to use the configuration software, and modify the settings only in its calling area. It can create or delete restricted users. A referent user can manage several restricted users.
- **restricted user**: it is a system user whose rights are defined by the associated user (Administrator, Installer or Referent). He does not have any access to the configuration software, and he can use only the end-user application **elcom access**.

The window displays:

- the **Activation** field (default value: activated box),
- the **Name** field (by default: the name indicated when the user was created. Cannot be modified here),
- the **Role** field (by default: the role indicated when the user was created. Cannot be modified here),
- the **E-mail** field (by default: the role indicated when the user was created. Cannot be modified here),
- the field **Access to images memory** allows to authorize access for this user to the images stored in memory on the server (default value: active),
- the field of **Allowed calling areas** allows to associate a bell button to a user. It is possible to associate several bell buttons to a user.

Installation - 01

Welcome martin

New Delete Edit

Name	Role	Email
martin	Administrator	t.martinez@hager.fr
InstCorp	Installer	t.martinez@hager.fr
mrs martin	Restricted user	mrs.martin@gmail.com

User

Activation ☒

Name mrs martin

Role Restricted user

Parent admin

Email mrs.martin@gmail.com

Informations

Access of the memories of the images ☒ Authorized

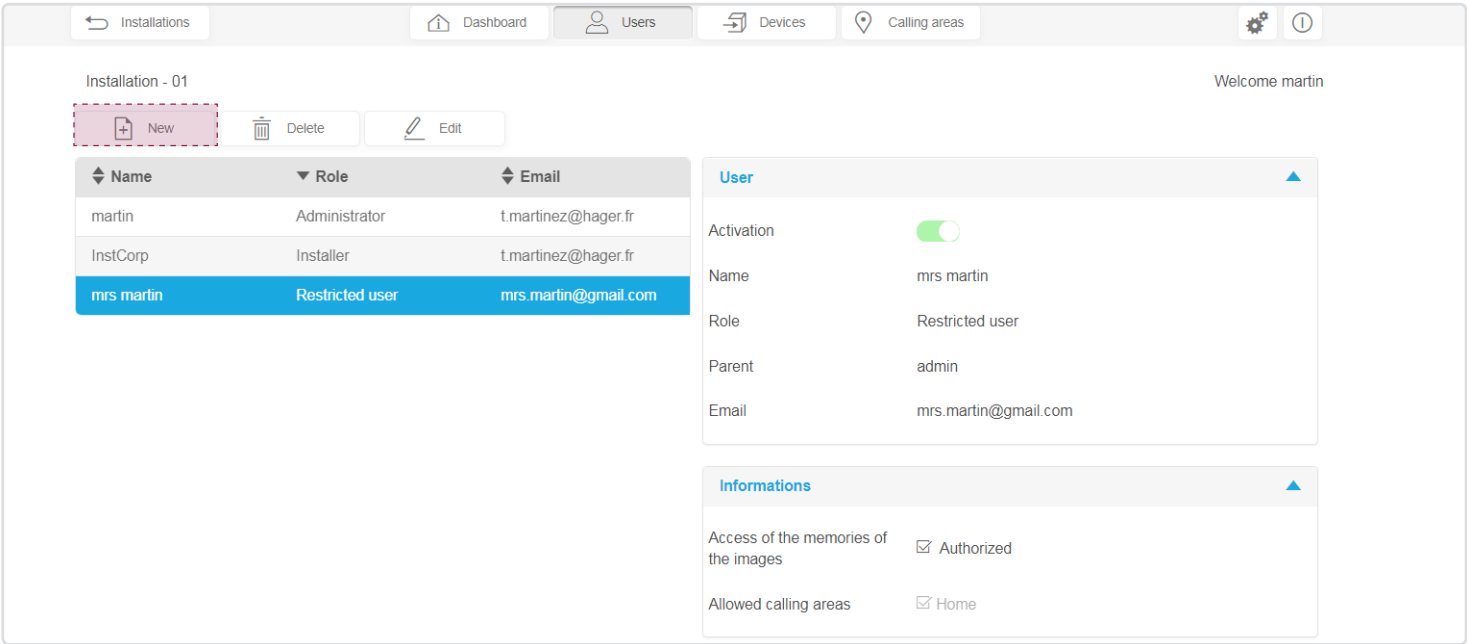
Allowed calling areas ☒ Home

4.4.1. Creating a new user

The profile with which you are connected to the configuration software authorizes you to create certain accounts. For example, a referent user can't create an Installer profile. We will use the Administrator's profile below to detail the various functions of the system.

After **Users** has been selected in the navigation bar:

- Click on **New** to create a new user.



The window **Create a new user** will be displayed:

- fill in the requested information for the creation of the user:
 - name: up to 40 characters,
 - e-mail: a maximum of 100 characters,
 - password: a minimum of 6 characters, and up to 40,
 - confirm password: same.

Create a new user

Name

Email

Password

Confirm password

Role

Restricted user

Parent

martin

☒ Add a mobile client

Name

Mobile client (IP) - 01

☐ Bell button - 01

Ok

Cancel

Click on **Role** in the pull-down menu to define the user profile.

Create a new user

Name

user

Email

user@gmail.com

Password

Confirm password

Role

Restricted user

Installer

Referent user

Restricted user

Parent

☒ Add a mobile client


Name

Mobile client (IP) - 01

☐ Bell button - 01

Ok

Cancel



If an Installer profile already exists, it is not possible to create a second one.

If the role of the new user is defined as **Restricted user**, you must then choose the user who will define his rights. For that, click in the **Parent** pull-down menu.

Create a new user

Name

user

Email

user@gmail.com

Password

Confirm password

Role

Restricted user

Parent

martin

InstCorp

martin

☒ Add a mobile client

Name

Mobile client (IP) - 01

☐ Bell button - 01

Ok

Cancel

You must fill in information required for the mobile device.

- Modify the name of the mobile terminal, in our example, the name is **smartphone**.
- Validate the calling area, in our example **Bell button-01** is activated.

Create a new user

Name

user

Email

user@gmail.com

Password

Confirm password

Role

Restricted user

Parent

martin

☒ Add a mobile client

Name

smartphone

☒ Bell button - 01

Ok

Cancel

Click on **OK** to validate the creation of the user profile.

Create a new user

Name

user

Email

user@gmail.com

Password

Confirm password

Role

Restricted user

Parent

martin

☒ Add a mobile client

Name

smartphone

☒ Bell button - 01

Ok

Cancel

Une fenêtre **Finish** s'affiche, cliquer sur **OK**.

Finish

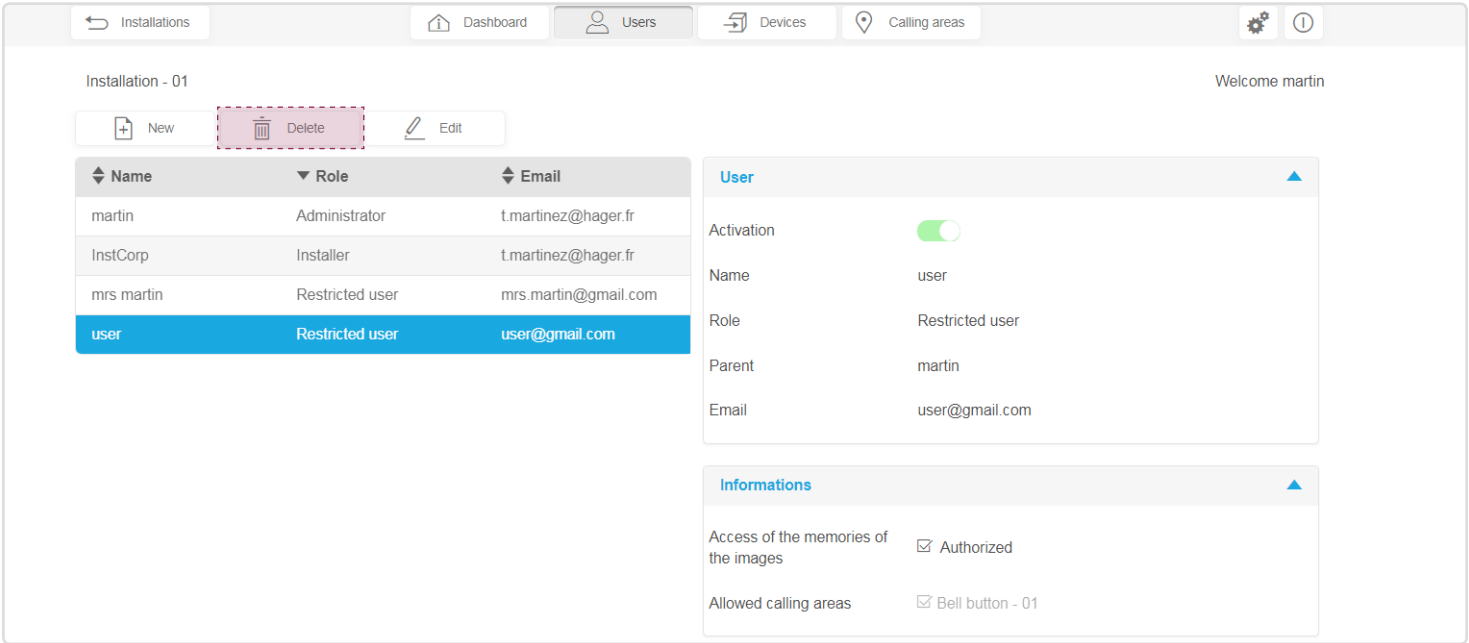
You have just created a user: in order for him to receive calls on his mobile client, he will have to download the elcom access app on the Play Store or the Apple Store and enter the credentials you just created.

Ok

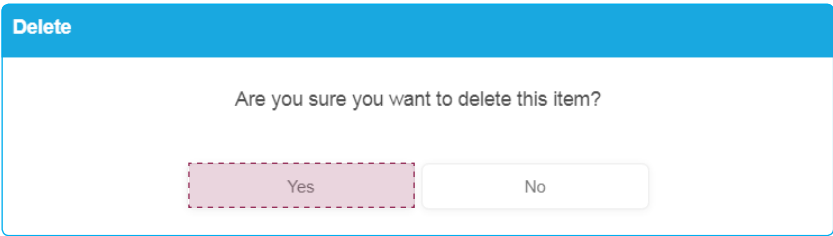
4.3.2. To delete a user

The account of the user is deleted in the built-in memory of the configuration server.

- After a user has been selected, click on **Delete**.



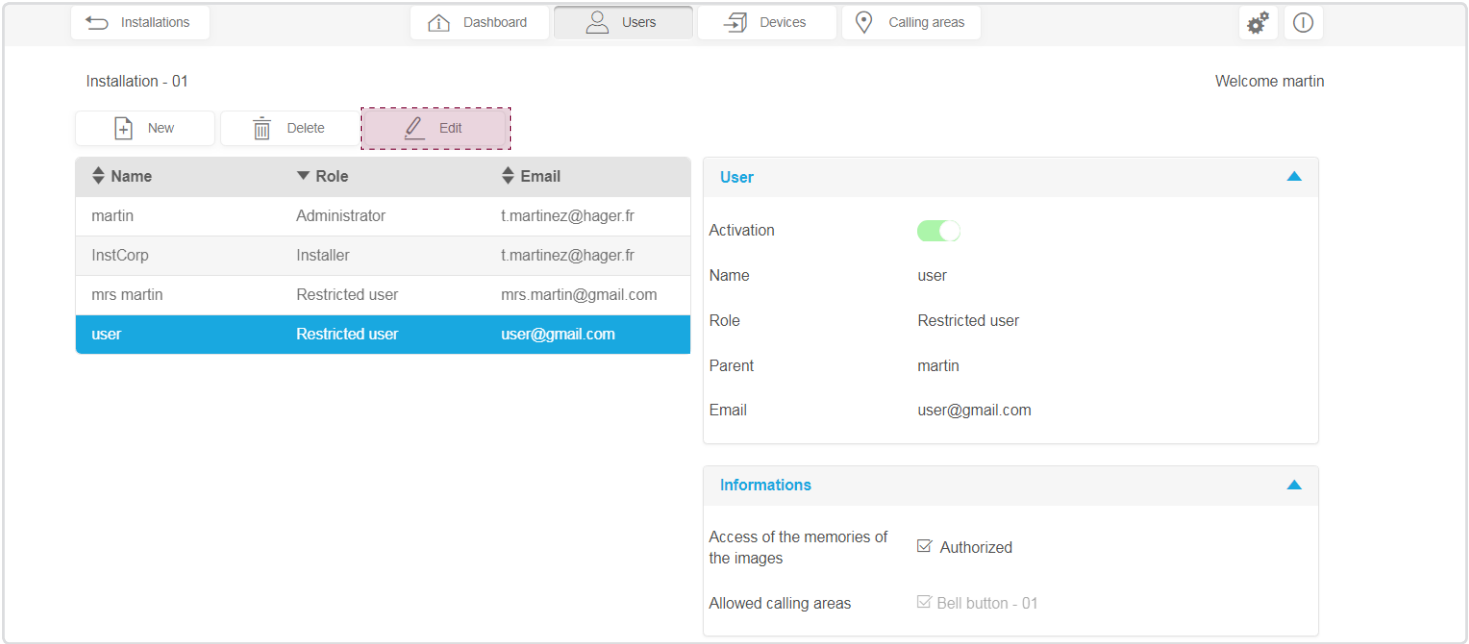
The **Delete** window will appear, click on **Yes** to confirm deletion.



4.3.3. Editing a user

The related information for an existing user can be modified at this level.

- After a user has been selected, click on **Edit**.



The window Edit the user will appear:

- the **Activation** field allows to activate or disable the user profile,
- the **Name** field allows to modify the user's identifier,
- the **Email** field allows to change the user's email address,
- the field **Change password** allows to modify the user's password,

Edit the user

Activation: ☒

Name: user

Email: user@gmail.com

Change password: Change password

Role: Referent user

Description:

Language: English

Time format: 24h

Theme: ☐ Black ☒ White

Display settings: ☐ Display arrow to accede details

Link your MyHager account: Link your MyHager account

Save Cancel

- the **Role** field allows to modify the user's profile by activating the pull-down menu,

Edit the user

Activation: ☒

Name: user

Email: user@gmail.com

Change password: Change password

Role: Referent user

Description:

Language: English

Time format: 24h

Theme: ☐ Black ☒ White

Display settings: ☐ Display arrow to accede details

Link your MyHager account: Link your MyHager account

Save Cancel



When an Installer profile already exists, it is not possible to create a second one.

- the **Language** field allows to modify the language used by the user when logged to his profile,

Edit the user

Activation: ☒

Name: user

Email: user@gmail.com

Change password: Change password

Role: Referent user

Description:

Language: English

Time format: 24h

Theme: ☐ Black ☒ White

Display settings: ☐ Display arrow to accede details

Link your MyHager account: Link your MyHager account

Save Cancel

- the **Time format** field allows to change the time format,

Edit the user

Activation

Name

user

Email

user@gmail.com

Change password

Change password

Role

Referent user

Description

Language

English

Time format

24h

Theme

24h

AM/PM

Display settings

Link your MyHager account

Link your MyHager account

Save

Cancel

- the **Theme** field allows to select the color of the background (**black** or **white**) of the display when the user is connected to his profile,
- the **Display settings** allows to display an arrow to access the user's details in the Dashboard (Installations Management),

Edit the user

Activation

Name

user

Email

user@gmail.com

Change password

Change password

Role

Referent user

Description

Language

English

Time format

24h

Theme

☐ Black

☒ White

Display settings

☐ Display arrow to accceed details

Link your MyHager account

Link your MyHager account

Save

Cancel

Once modifications have been made, click on **Save** to back up the data.

Edit the user

Activation

Name

user

Email

user@gmail.com

Change password

Change password

Role

Referent user

Description

Language

English

Time format

24h

Theme

☐ Black

☒ White

Display settings

☐ Display arrow to accceed details

Link your MyHager account

Link your MyHager account

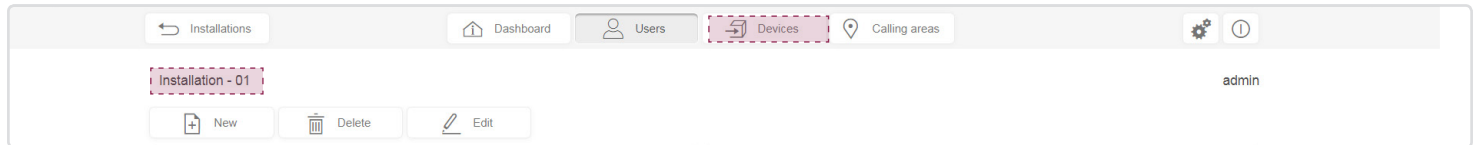
Save

Cancel

4.5. Devices

When an installation (**Installation-01** in our example) has been selected in the **Installations Management** section, the **Devices** page allows the user:

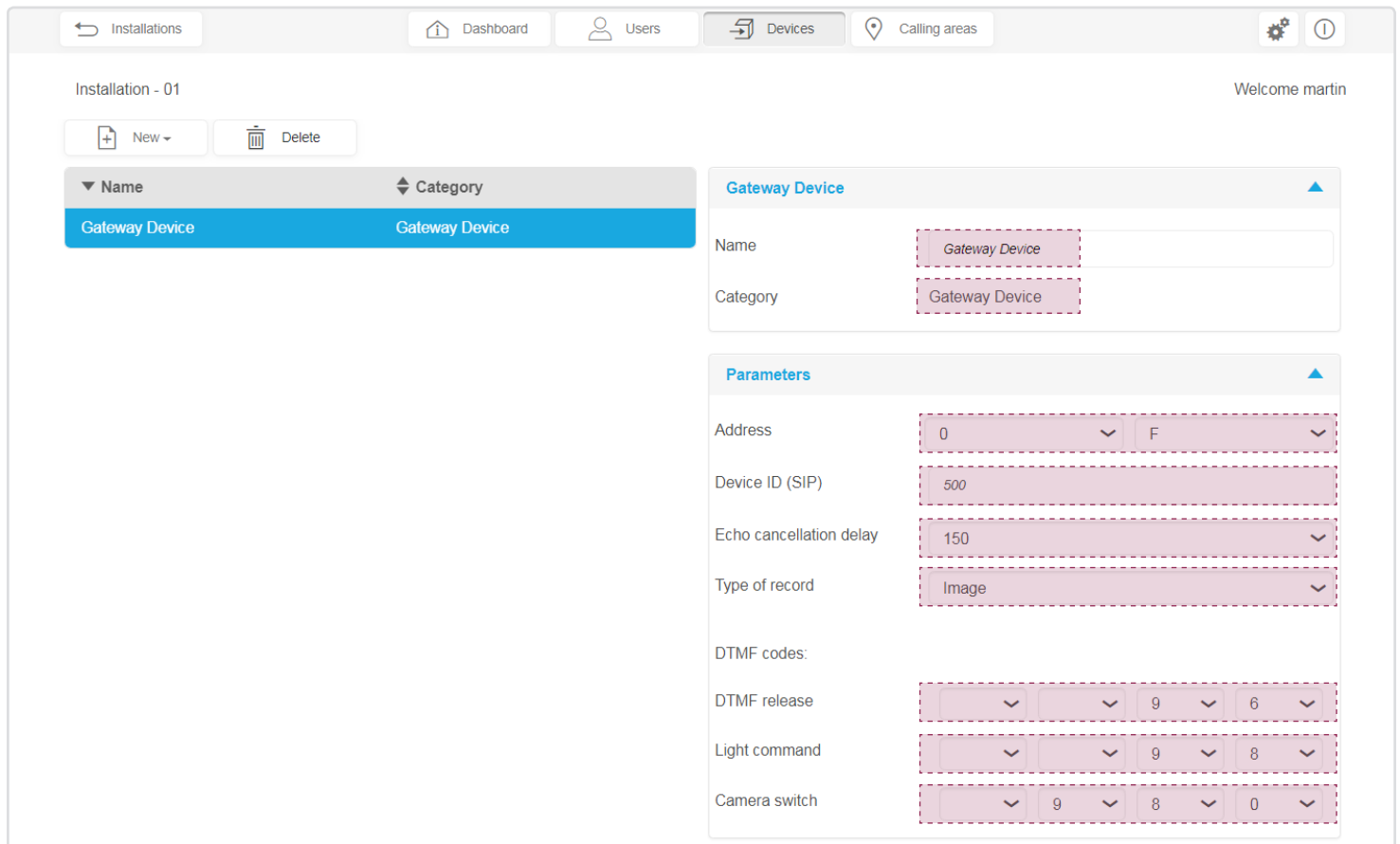
- to display the current list of existing devices,
- to declare or delete devices (2-wire bus and IP), and
- to modify the parameters of the devices.



4.5.1. Access gate/Configuration server

When an installation is created, only the access gate (Gateway Device) is present in the list. It is the only device which cannot be deleted or created manually. When the access gate window is displayed:

- the **Name** field can be personalized,
- the **Category** field is not modifiable (each device can have only one category),
- the **Address** field for device identification with the group and device's address (default value: 0/F with a range of values: 0/0 - F/F),
- the **ID (SIP)** field of the **device** identifies the access gate (default value: 500 to a range of values: 000 to 999),
- the field **Echo cancellation delay** (default value: 150 with a range of values: 000 to 999),
- **when the Image capture is allowed, the** Type of record field allows to determine whether the record is an image or a video,
- the field **DTMF codes** is used for activation:
 - of **DTMF release** (default value: 96 with a range of values: 0000 to FFFF),
 - of **Light command** (default value: 98 with a range of values: 0000 to FFFF),
 - of **Camera switch** (default value: 980 with a range of values: 0000 to FFFF).



4.5.2. Outdoor station

If the system is equipped with several stations, they all must be declared.

4.5.2.1. Declaring an outdoor station

In order to declare an outdoor station, go to the **Devices** menu:

- click on **New**, a pull-down menu will be displayed, and
- click on **Outdoor station**.

Installations

DashboardUsersDevicesCalling areas

Welcome martin

Installation - 01

NewDelete

Outdoor station

Indoor station

Functional relay

Additional camera

Camera (IP)

Mobile client (IP)

Category

Gateway Device

Gateway Device

NameGateway Device

CategoryGateway Device

Parameters

Address0F

Device ID (SIP)500

Echo cancellation delay150

Type of recordImage

DTMF codes

DTMF release96

Light command98

Camera switch980

- Once the window of outdoor station is displayed:
- the **Name** field can be personalized,
 - the **Category** field is not modifiable (each device can have only one category),
 - the **Type** field defines the type of the outdoor station (default value: Audio. You may choose between Audio/Video and Audio).
 - the **Buttons number** field defines the number of bell buttons used on the outdoor station (default value: 1 with a range of values: 1 to 256). The + button allows to add bell buttons,
 - the **Address** field corresponds to the assignment of the outdoor station (rotary switches or digital display panel) with the group and door addresses (default value: value available with a range of values: 0/0 to F/F),
 - the **ID (SIP)** field of the device identifies the outdoor station (default value: 300 to a range of values: 000 to 999).

Installations

DashboardUsersDevicesCalling areas

Welcome martin

Installation - 01

NewDelete

Name

Category

Gateway DeviceGateway Device

Outdoor station - 01Outdoor station

Outdoor station

NameOutdoor station - 01

CategoryOutdoor station

Type☐ Audio / Video☒ Audio

Buttons number1+

Calling areasParticipant addressCalling areas ID (SIP)

Parameters

Address00

Device ID (SIP)300

4.5.2.2. Configuring a calling area

The **Calling area** field defines the calling areas which dynamic list depends on the number of bell buttons defined previously. There as many calling areas as there are existing bell buttons created. In our example, only one bell button is used and the **Calling area** field is empty.

In order to define the settings of the calling area, go to the **Calling area** pull-down menu, and:

- Click on **New**.

Installations

DashboardUsersDevicesCalling areas

Welcome martin

NewDelete

Name	Category
Gateway Device	Gateway Device
Outdoor station - 01	Outdoor station

Outdoor station

Name

Outdoor station - 01

Category

Outdoor station

Type

Audio / Video

Audio

Buttons number

1

+

Calling areas

New

Participant address

Calling areas ID (SIP)

Address


0

0

Device ID (SIP)

300

In the window displayed:

- the **Calling area** field is named **Bell button-01** by default,
- the **Participant address** field corresponds to the assignment of the bell button of the outdoor station with the address of the group and the address of the button (default value: available value with a range of values: 0/0 to F/F),
- the **ID (SIP)** field of the **calling area** identifies the calling area (default value: 100 with a range of values: 000 to 999),
- the symbol  allows to delete a calling area.

Installations

DashboardUsersDevicesCalling areas

Welcome martin

NewDelete

Name	Category
Gateway Device	Gateway Device
Outdoor station - 01	Outdoor station

Outdoor station

Name

Outdoor station - 01

Category

Outdoor station

Type

Audio / Video

Audio

Buttons number

1

+

Calling areas

Bell button - 01

0

0

100

Participant address

Calling areas ID (SIP)

Parameters

Address

0

0

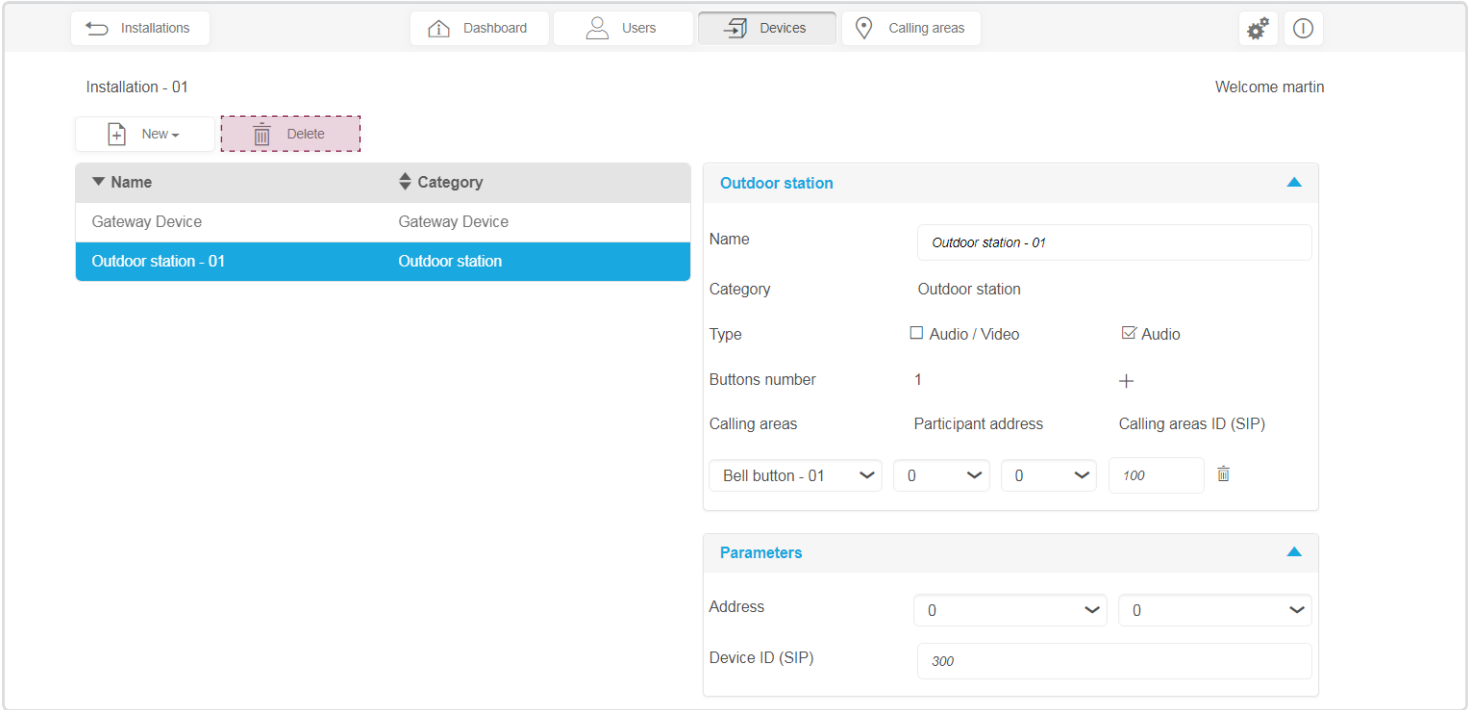
Device ID (SIP)

300

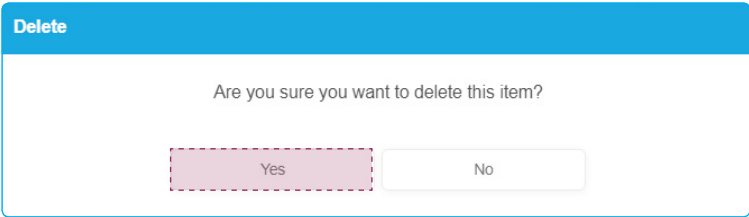
4.5.2.3. Deleting an outdoor station

In order to delete an outdoor station of an installation, you must:

- select the outdoor station and click on **Delete**.



A **Delete** window will open, click on **Yes** to confirm deletion.



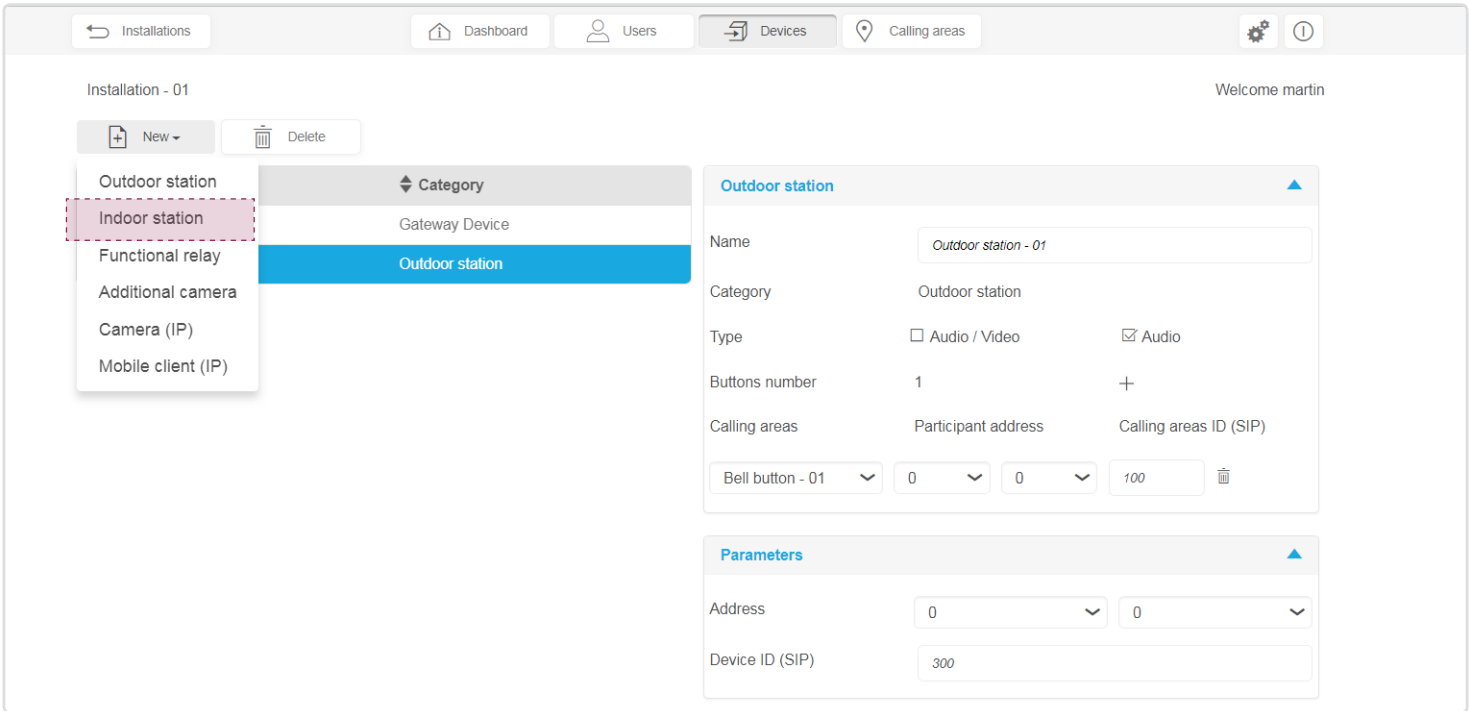
4.5.3. Indoor station

If the system has several stations, they all must be declared.

4.5.3.1. Declaring an indoor station

You must go the **Devices** menu to declare an indoor station:

- click on **New**, a pull-down menu will be displayed.
- click on **Indoor Station**.



- In the window of the indoor station displayed:
- the **Name** field can be personalized,
 - the **Category** field is not modifiable (each device can have only one category),
 - the **Participant address** field corresponds to the assignment of the indoor station (rotary switches) with the addresses of the group and of the station (default value: value available with a range of values: 0/0 to F/F),
 - the **Device IP (SIP)** field of the device identifies the indoor station (default value: 400 with a range of values: 000 to 999),
 - the **Link** field allows to activate simultaneous listening on the stations with the same group address, and a station address of 0 (the function is not activated by default, and is not available for an indoor station with an assigned address of type 0 / 0).
 - the **Floor call** field allows to activate floor call forwarding (bell) to an IP device (by default this function is activated).

Installations

DashboardUsersDevicesCalling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Indoor station

NameIndoor station - 01

CategoryIndoor station

Parameters

Participant address00

Device ID (SIP)400

Link☐ Listening on 0/0

Floor call☒ Active
Floor call forward to IP devices

4.5.3.2. Deleting an indoor station

For deleting an indoor station of an installation, you must:

- Select the indoor station, and click on **Delete**.

Installations

DashboardUsersDevicesCalling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Indoor station

NameIndoor station - 01

CategoryIndoor station

Parameters

Participant address00

Device ID (SIP)400

Link☐ Listening on 0/0

Floor call☒ Active
Floor call forward to IP devices

A **Delete** window will open, click on **Yes** to confirm deletion.

Delete

Are you sure you want to delete this item?

Yes

No

4.5.4. Functional relay

If the system has several relays, they all must be declared.

4.5.4.1. Declaring a relay

Go to the **Devices** menu:

- click on **New**, a pull-down menu will be displayed.
- click on **Functional relay**.

Installations

DashboardUsersDevicesCalling areas

Welcome martin

Installation - 01

NewDelete

Outdoor station

Indoor station

Functional relay

Additional camera

Camera (IP)

Mobile client (IP)

Category

Gateway Device

Indoor station

Outdoor station

Indoor station

NameIndoor station - 01

CategoryIndoor station

Parameters

Participant address00

Device ID (SIP)400

Link☐ Listening on 0/0

Floor call☒ Active
Floor call forward to IP devices

In the relay window displayed:

- the **Name** field can be personalized,
- the **Category** field is not modifiable (each device can have only one category),
- the **Address** field corresponds to the assignment of the relay (rotary switches) with the addresses of the group and of the station (default value: value available with a range of values: 0/0 to F/F),
- the field **DTMF Release** is used to configure the DTMF code of 4 digits (default value: 0 / 0 / 0 / 0 with a range of values for each digit: 0 to 9, *, #, A to D).

Installations

DashboardUsersDevicesCalling areas

Welcome martin

Installation - 01

NewDelete

Name

Category

Functional relay - 01Functional relay

Gateway DeviceGateway Device

Indoor station - 01Indoor station

Outdoor station - 01Outdoor station

Functional relay

NameFunctional relay - 01

CategoryFunctional relay

TypeStrike

Parameters

Address01

DTMF release0000

- the **Type** field is used to choose the type of control (default value: Strike, with other alternative values available by clicking in the pull-down menu: Strike, Light and Other).

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Functional relay

Name

Functional relay - 01

Category

Functional relay

Type

Strike

Light

Strike

Other

Parameters

Address

DTMF release

0

0

0

0

4.5.4.2. Deleting a relay

For deleting a relay of an installation, you must:

- Select the relay, and click on **Delete**.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Functional relay

Name

Functional relay - 01

Category

Functional relay

Type

Strike

Parameters

Address

DTMF release

0

1

0

0

0

0

A **Delete** window will open, click on **Yes** to confirm deletion.

Delete

Are you sure you want to delete this item?

Yes

No

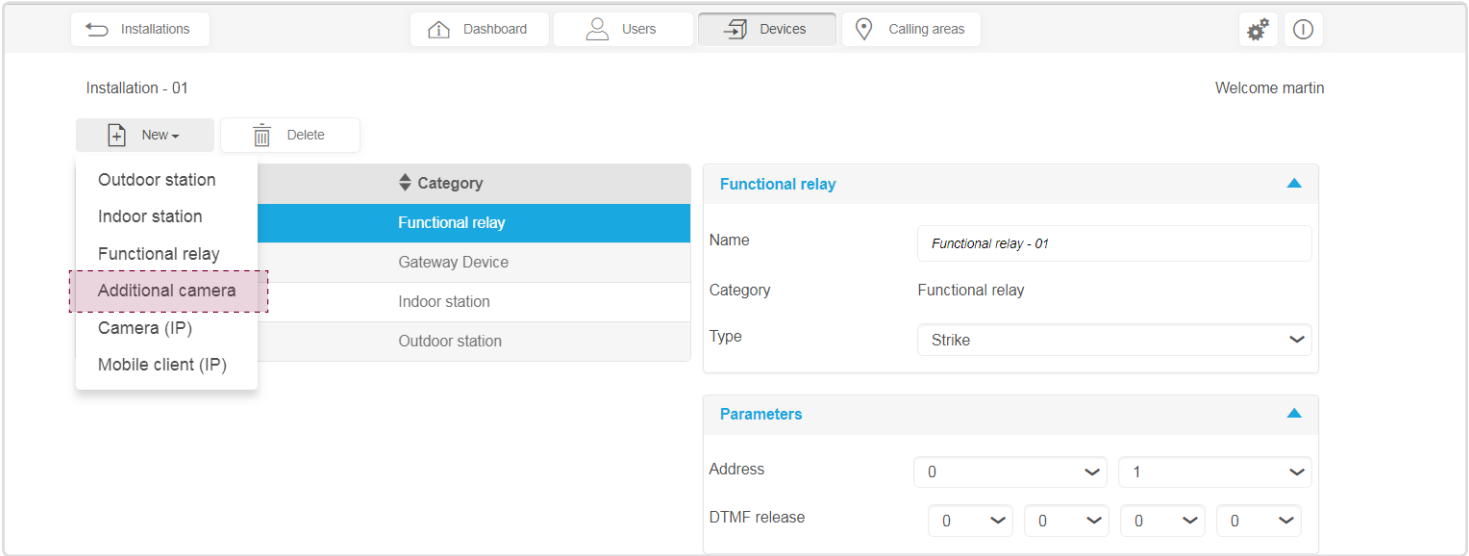
4.5.5. Additional camera

If the system has several cameras, they all must be declared.

4.5.5.1. Declaring an Additional camera

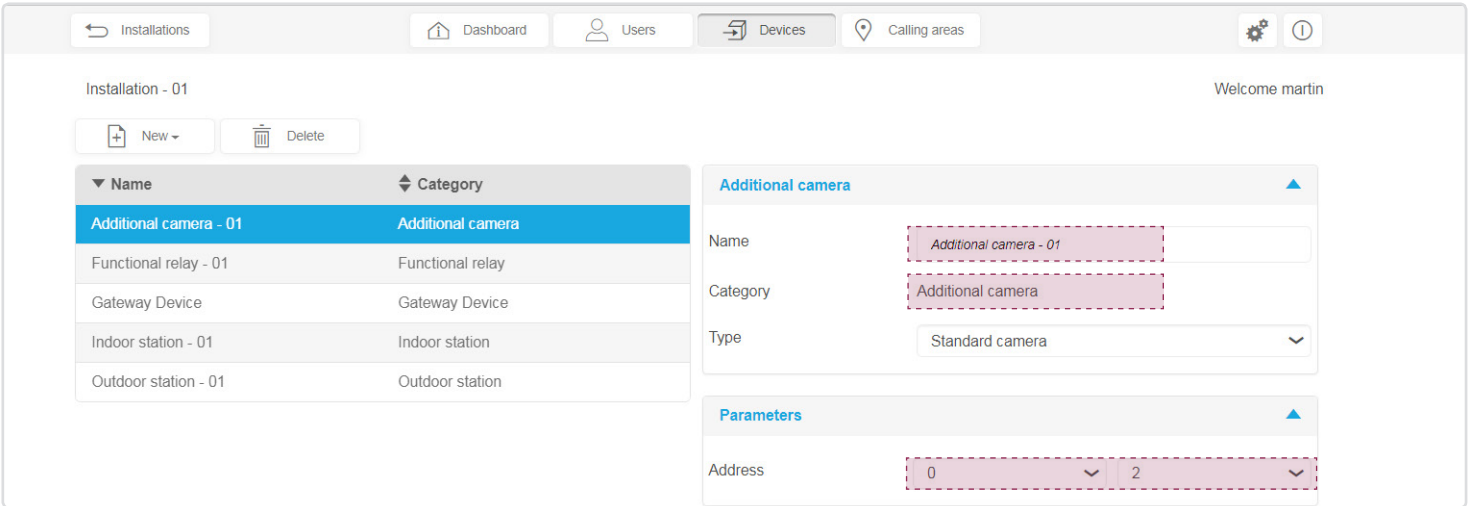
Go to the menu **Devices**:

- click on **New**, a pull-down menu will be displayed, and
- click on **Additional camera**.

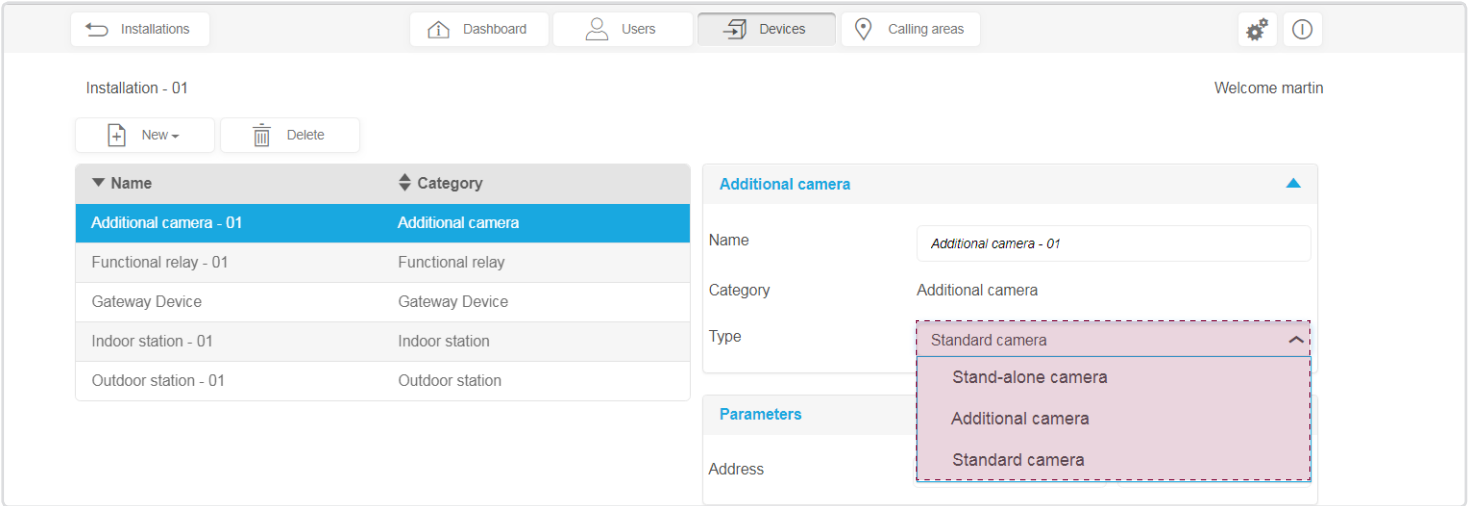



In the window of the additional camera displayed:

- the **Name** field can be personalized,
- the **Category** field is not modifiable (each device can have only one category),
- the **Address** field corresponds to the assignment of the camera with the addresses of the group and of the camera (default value: value available with a range of values: 0 / 0 to F / F),



- the **Type** field is used to choose the type of camera (default value: Standard) with other alternative values available by clicking in the pull-down menu: Stand-alone camera, Additional camera or Standard camera).



 The concepts of stand-alone, additional and standard camera are defined in the technical documentation relating to the 2-wire bus i2bus.

4.5.5.2. Deleting a tube camera

For deleting a camera of an installation, you must:

- First select the camera, and then click on **Delete**.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01Welcome martin

New

Delete

Name	Category
Additional camera - 01	Additional camera
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Additional camera

Name

Additional camera - 01

Category

Additional camera

Type

Standard camera

Parameters

Address

0

2

A **Delete** window will open, click on **Yes** to confirm deletion.

Delete

Are you sure you want to delete this item?

Yes

No

4.5.6. Camera (IP)

If the system has several cameras, they all must be declared.

4.5.6.1. Declaring a camera (IP)

In order to declare a camera, go to the **Devices** menu:

- click on **New**, a pull-down menu will be displayed.
- click on **Camera (IP)**.

← Installations

Dashboard

Users

Devices

Calling areas

⚙️ ⓘ

Installation - 01Welcome martin

+ New ▾

🗑 Delete

Outdoor station

Indoor station

Functional relay

Additional camera

Camera (IP)

Mobile client (IP)

Category

Additional camera

Functional relay

Gateway Device

Indoor station

Outdoor station

Additional camera

NameAdditional camera - 01

CategoryAdditional camera

TypeStandard camera ▾

Parameters

Address0 ▾2 ▾

In the window of IP camera displayed:

- the **Name** field can be personalized,
- the **Category** field is not modifiable (each device can have only one category),
- the **Address** field corresponds to the assignment of the camera with the addresses of the group and of the camera (default value: value available with a range of values: 0 / 0 to F / F). This assignment allows to view this (IP) camera as a (i2bus) camera on an indoor station for example.

← Installations

Dashboard

Users

Devices

Calling areas

⚙️ ⓘ

Installation - 01Welcome martin

+ New ▾

🗑 Delete

▼ Name

Additional camera - 01

Camera (IP) - 01

Functional relay - 01

Gateway Device

Indoor station - 01

Outdoor station - 01

Category

Additional camera

Camera (IP)

Functional relay

Gateway Device

Indoor station

Outdoor station

Camera (IP)

NameCamera (IP) - 01

CategoryCamera (IP)

TypeStandard camera ▾

Parameters

Address0 ▾3 ▾

IP

Port80

Codec ▾

Login

Password

- the **Type** field is used to choose the type of camera (default value: Standard) with other alternative values available by clicking in the pull-down menu: Stand-alone camera, Additional camera or Standard camera).

← Installations

Dashboard

Users

Devices

Calling areas

⚙️ ⓘ

Installation - 01Welcome martin

+ New ▾

🗑️ Delete

▼ Name	↕ Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Camera (IP) ▲

Name

Camera (IP) - 01

Category

Camera (IP)

Type

Standard camera ▲

Stand-alone camera

Additional camera

Standard camera

Parameters

Address

IP

Port


80

Codec

▼

Login

Password




The concepts of stand-alone, additional and standard camera are defined in the technical documentation relating to the 2-wire bus i2bus.

4.5.6.2. Configuring a camera (IP)

The IP settings of the camera must be configured for the login.

For configuring the calling area, go to the pull-down menu of the Calling area:

- the **IP** field corresponds to the IP address of the camera connected to the network (default value: empty / example of data entry: 192.168.0.25),
 - the **Port** field corresponds to the port of the camera to be configured (default value: 80 with a range of value: 1 to 65535),
 - the **Login** field corresponds to the identifier of the camera to be configured (default value: empty with a range of values: up to 40 characters),
 - the **Password** field corresponds to the password of the camera to be configured (default value: empty with a range of values: up to 40 characters).
- 

The Login and Password fields must be filled in to enable the operation of the camera.

← Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Camera (IP)

Name

Camera (IP) - 01

Category

Camera (IP)

Type

Standard camera

Parameters

Address

0

3

IP

Port

80

Codec

Login

admin

Password

- the **Codec** field allows to choose from the pull-down menu the codec suitable for the camera to be configured.

← Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Outdoor station - 01	Outdoor station

Camera (IP)

Name

Camera (IP) - 01

Category

Camera (IP)

Type

Standard camera

Parameters

Address

0

3

IP

Port

80

Codec

UDP (IPX/IPN V1.3.0)

Axis (VAPIX V2)

Mobotix (Camera Integration SDK V1.0.1)

Compro (IP Camera SDK V0.97C)

Panasonic (CGI Interface V4.3)

Generic (V1.0)

IPCAM (CGI SDK V2.1)

D-Link (Nipca V1.9.5)

Login

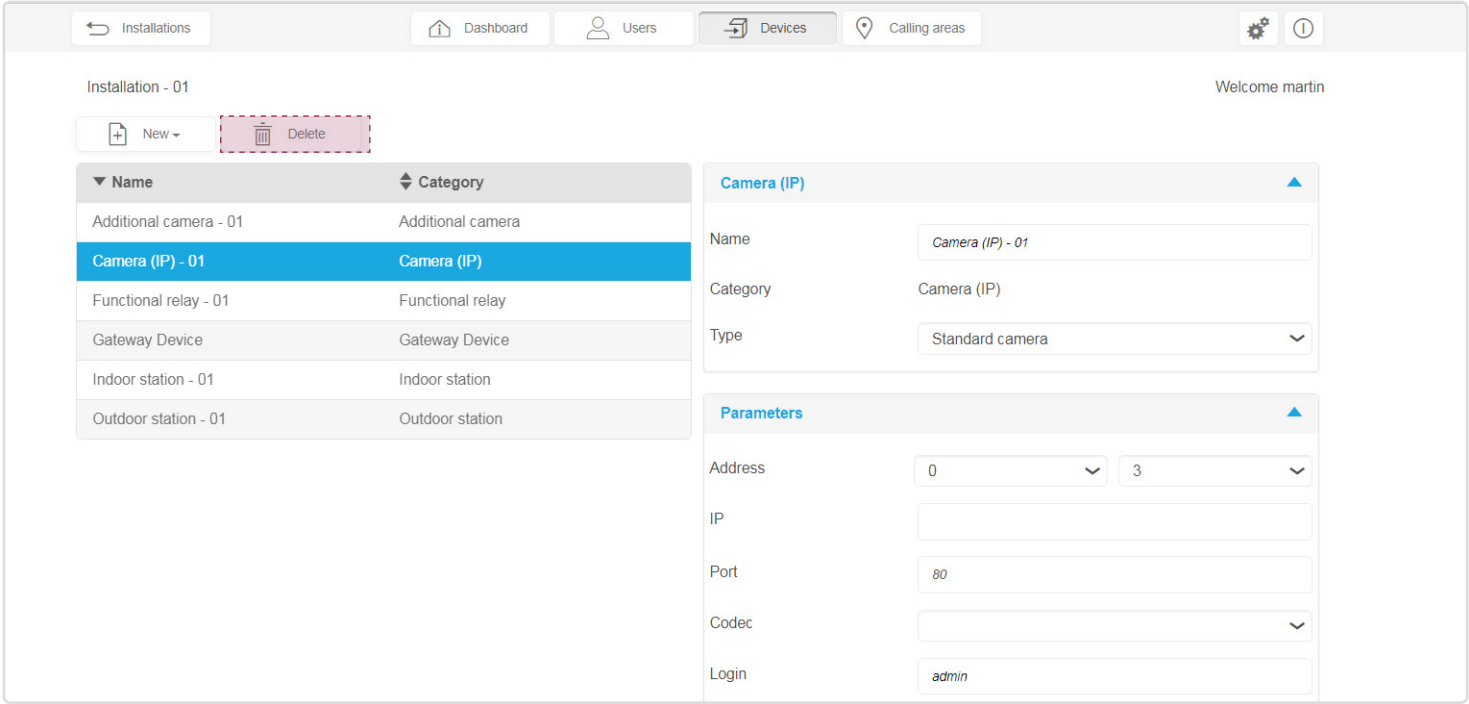
Password

-
- An URL with hyperlink making it possible to display the camera in a browser window will be displayed when:
 - all the fields are filled in, and
 - the camera has responded (with no error).

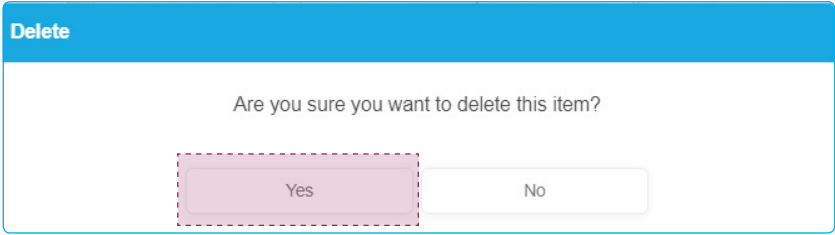
4.5.6.3. Deleting a camera (IP)

For deleting a camera of an installation, you must:

- First select the camera, and then click on **Delete**.



A **Delete** window will open, click on **Yes** to confirm deletion.



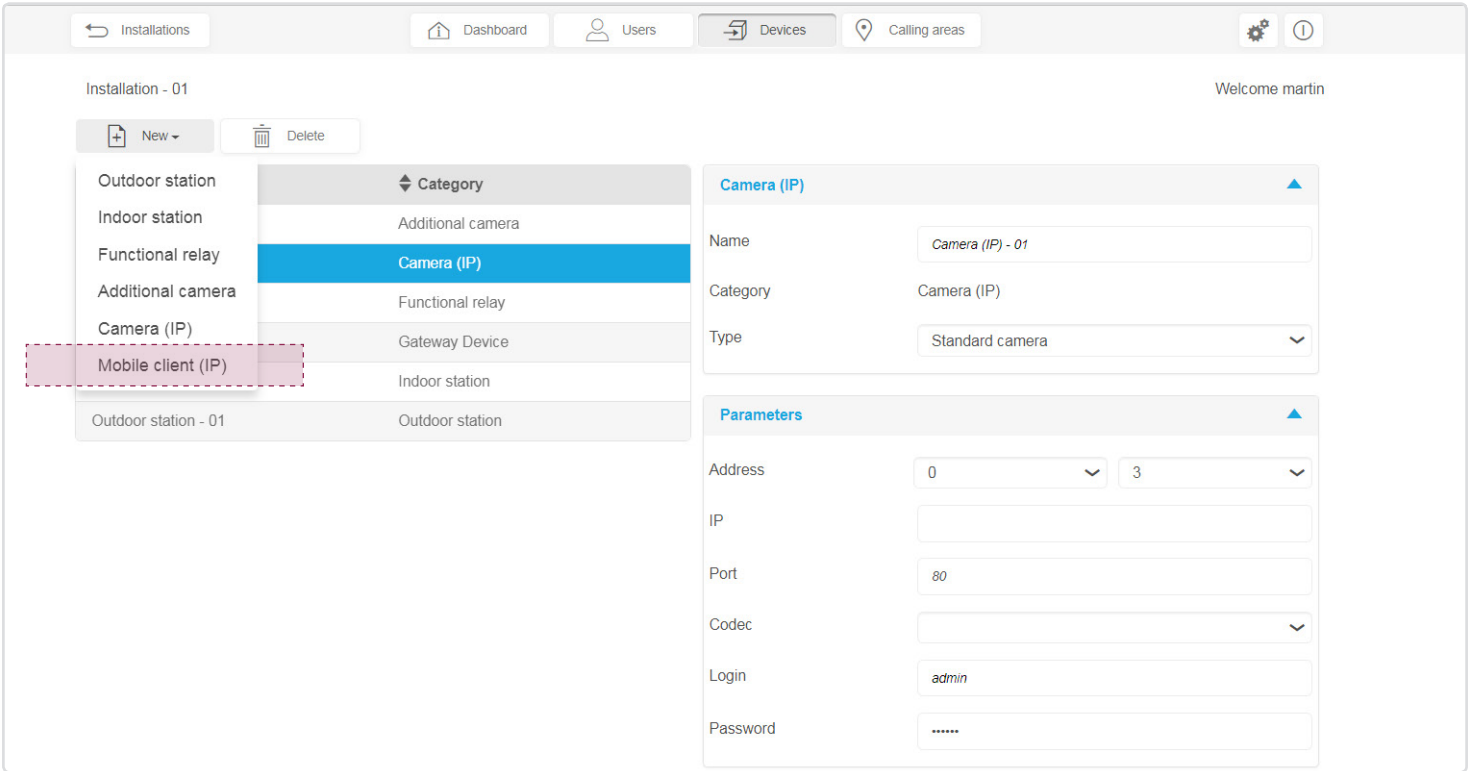
4.5.7. Mobile client (IP)

If several mobile terminals (smartphone or tablet) are used in the installation, they all must be declared.

4.5.7.1. Declaring a Mobile client (IP)

Go to menu **Devices** and:

- click on **New**, a pull-down menu will be displayed,
- click on **Mobile client (IP)**.



- In the window of the mobile terminal displayed:
- the **Name** field can be personalized,
 - the **Category** field is not modifiable (each device can have only one category),
 - the field **Allowed calling areas** corresponds to the existing calling areas. Check the box of the bell button to be associated with the mobile terminal (default value: box unchecked):
 - there as many calling areas as there are bell buttons used
 - it is possible to associate several bell buttons with the same mobile terminal,
 - the **Device ID (SIP)** field of the device identifies the indoor station (default value: value available with a range of values: 000 to 999),
 - the **Authorizations** field allows to define rights for:
 - the **Door call** (default value: allowed)
 - **Door release** (default value: allowed)
 - **Camera switch** (default value: allowed).

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Mobile client (IP) - 01	Mobile client (IP)
Outdoor station - 01	Outdoor station

Mobile client (IP)

Name

Mobile client (IP) - 01

Category

Mobile client (IP)

State

No associated device

Revoke

Owner username

Allowed calling areas

Parameters

Device ID (SIP)

401

Authorizations:

Door call

Authorized

Door release

Authorized

Camera switch

Authorized

- 4.5.7.2. Associating a Mobile client (IP)**
- It is necessary to indicate with which user profile, the mobile terminal **Mobile client (IP) - 01** will be associated. Select a user from the list of the existing users:
- click on **Owner username**, the list of the existing users will be displayed,
 - select the user profile. In our example, the **martin's** profile is selected.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Mobile client (IP) - 01	Mobile client (IP)
Outdoor station - 01	Outdoor station

Mobile client (IP)

Name

Mobile client (IP) - 01

Category

Mobile client (IP)

State

No associated device

Revoke

Owner username

martin

mrs martin

Allowed calling areas

Parameters

Device ID (SIP)

401

Authorizations:

Door call

Authorized

When the user is defined, the window opens and indicates that:

- the **Owner username** is **martin**,
- the mobile terminal of the user is not yet associated. The **State** field indicates that no device is associated for the moment.

Installations

DashboardUsersDevicesCalling areas

Installation - 01

Welcome martin

New

Delete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Mobile client (IP) - 01	Mobile client (IP)
Outdoor station - 01	Outdoor station

Mobile client (IP)

Name

Mobile client (IP) - 01

Category

Mobile client (IP)

State

No associated device

Revoke

Owner username

martin

Allowed calling areas

☒ Bell button - 01

Parameters

Device ID (SIP)

401

Authorizations:

Door call

☒ Authorized

Door release

☒ Authorized

Camera switch

☒ Authorized

In order to associate the mobile terminal (smartphone, tablet), the **elcom access** application must be installed on the terminal (chapter 3.10.). Your mobile terminal must also be connected locally (wifi) to the router to which the access gate is connected. Proceed as follows to carry out the association:

1

Start the **elcom access** application, a window **Select your server** will be displayed:

Select your server

Welcome

Select your server in the list below :

TJA510 (TJA510-F0B628)

Add server

Login

2

Select the server **TJA510** of the installation and click on **Login**.

Select your server

Welcome

Select your server in the list below :

TJA510 (TJA510-F0B628)

Add server

Login

3

The **Login** window will be displayed. You must enter the **Username/Password** (in our example: **admin/1234**), then click on **Login**.

Connection

Enter your login data to connect to the server:
TJA510 (TJA510-F0B628)

admin

....

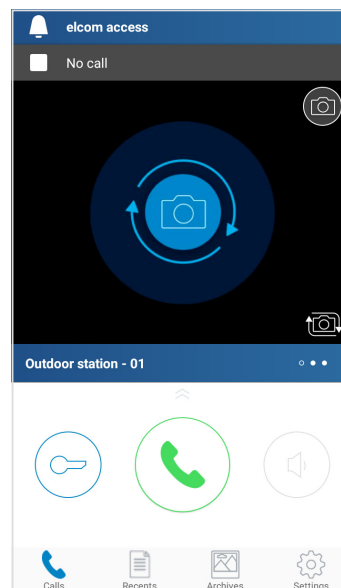
Change server

Login

53

- 4 The **Configuration** window will be displayed with the name of the device to be associated (in our example: **Mobile client (IP) - 01**). Select **Mobile client (IP) - 01** and click on **Login**.

- 5 Your mobile terminal is now correctly associated. It can be used in the installation and you can perform the tests.



When association of the mobile terminal is successful, a message will be displayed instantaneously in the window:

- the **State** field will display a message: **Device associated**. The mobile terminal is now connected to the 2-wire bus intercom.

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Mobile client (IP) - 01	Mobile client (IP)
Outdoor station - 01	Outdoor station

Mobile client (IP)
Name: Mobile client (IP) - 01
Category: Mobile client (IP)
State: **Device associated** [Revoke]
Owner username: admin
Allowed calling areas: ☒ Bell button - 01

Parameters
Device ID (SIP): 401
Authorizations:
Door call: ☒ Authorized
Door release: ☒ Authorized
Camera switch: ☒ Authorized

If you wish to delete association of a mobile terminal, you must:

- click on **Revoke**, the Revoke window will be displayed, and
- click on **Yes** to validate.

Once the mobile terminal is revoked, the **State** field displays **No associated device**.

Installations

DashboardUsersDevicesCalling areas

Installation - 01

admin

NewDelete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Mobile client (IP) - 01	Mobile client (IP)
Outdoor station - 01	Outdoor station

Mobile client (IP)

NameMobile client (IP) - 01

CategoryMobile client (IP)

StateNo associated deviceRevoke

Owner usernameadmin

Allowed calling areasBell button - 01

Parameters

Device ID (SIP)401

Authorizations:

Door callAuthorized

Door releaseAuthorized

Camera switchAuthorized

4.5.7.3. Deleting a Mobile client (IP)

For deleting a **Mobile client (IP)** of an installation:

- Select the device, and next click on **Delete**.

Installations

DashboardUsersDevicesCalling areas

Installation - 01

admin

NewDelete

Name	Category
Additional camera - 01	Additional camera
Camera (IP) - 01	Camera (IP)
Functional relay - 01	Functional relay
Gateway Device	Gateway Device
Indoor station - 01	Indoor station
Mobile client (IP) - 01	Mobile client (IP)
Outdoor station - 01	Outdoor station

Mobile client (IP)

NameMobile client (IP) - 01

CategoryMobile client (IP)

StateDevice associatedRevoke

Owner usernameadmin

Allowed calling areasBell button - 01

Parameters

Device ID (SIP)401

Authorizations:

Door callAuthorized

Door releaseAuthorized

Camera switchAuthorized

A **Delete** window will appear, click on **Yes** to confirm deletion.

Delete

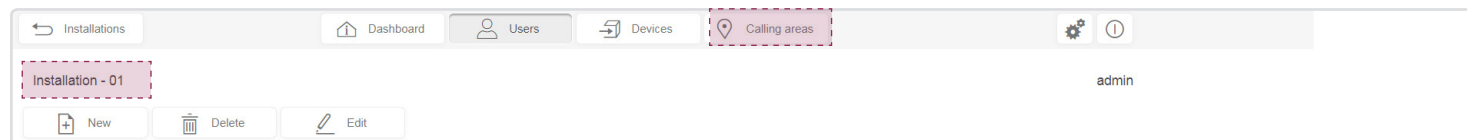
Are you sure you want to delete this item?

YesNo

4.6. Calling areas

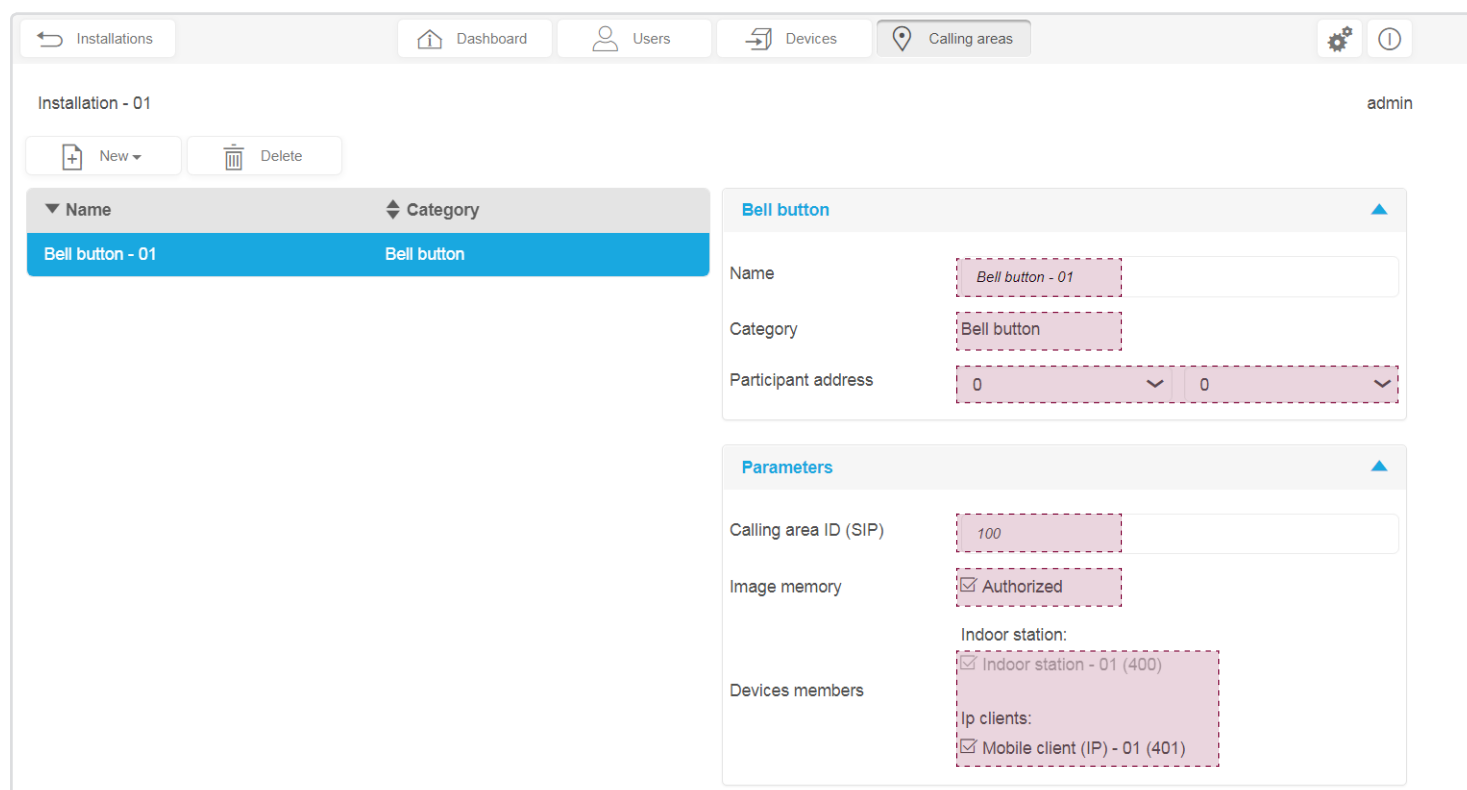
When an installation (**Installation-01** in our example) is selected, the **Calling areas** page allows the connected user:

- to view the list of the existing **calling areas**,
- to modify the parameters of the selected **calling area**,
- to add or delete **calling areas**.



In the Calling areas window displayed:

- the **Name** field can be personalized,
- the **Category** field is not modifiable (each device can have only one category),
- the **Participant address** field corresponds to the assignment of the camera with the addresses of the group and of the camera (default value: value available with a range of values: 0 / 0 to F / F),
- the field **Calling area ID (SIP)** identifies the bell button (default value: value available with a range of values: 000 to 999),
- the **Image memory** field allows to authorize or not the function (default value: allowed),
- the **Devices members** field defines the mobile terminals of the users associated with the calling area (default value: unchecked box).



4.6.1. Declaring a calling area

For declaring a calling area, go to the menu **Calling area**, and:

- click on **New**, a pull-down menu will be displayed, then
- click on **Bell button**.

 The calling areas are automatically created when the outdoor station and the number of bell buttons used are declared.



Installations

Dashboard

Users


Devices


Calling areas



Installation - 01

admin

 New

 Delete

Bell button

Category

Bell button - 01

Bell button

Bell button

Name

Bell button - 01

Category

Bell button

Participant address

0

0

Parameters

Calling area ID (SIP)

100

Image memory

☒ Authorized

Indoor station:

☒ Indoor station - 01 (400)

Devices members

Ip clients:

☒ Mobile client (IP) - 01 (401)

A window will open with a new calling area **Bell button-02**. You can fill in the various fields of the calling area.



Installations

Dashboard

Users


Devices


Calling areas



Installation - 01

admin

 New

 Delete

Name

Category

Bell button - 01

Bell button

Bell button - 02

Bell button

Bell button

Name

Bell button - 02

Category

Bell button

Participant address

0

1

Parameters

Calling area ID (SIP)

101

Image memory

☒ Authorized

Devices members

Ip clients:

☐ Mobile client (IP) - 01 (401)

4.6.2. Deleting a calling area

For deleting a calling area of an installation:

- Select the calling area, and next click on **Delete**.

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

admin

New

Delete

Name	Category
Bell button - 01	Bell button
Bell button - 02	Bell button

Bell button

Name

Bell button - 02

Category

Bell button

Participant address

0

1

Parameters

Calling area ID (SIP)

101

Image memory

☒ Authorized

Devices members

Ip clients:

☐ Mobile client (IP) - 01 (401)

A **Delete** window will appear, and then click on **Yes** to confirm deletion.

Delete

Are you sure you want to delete this item?

Yes


No

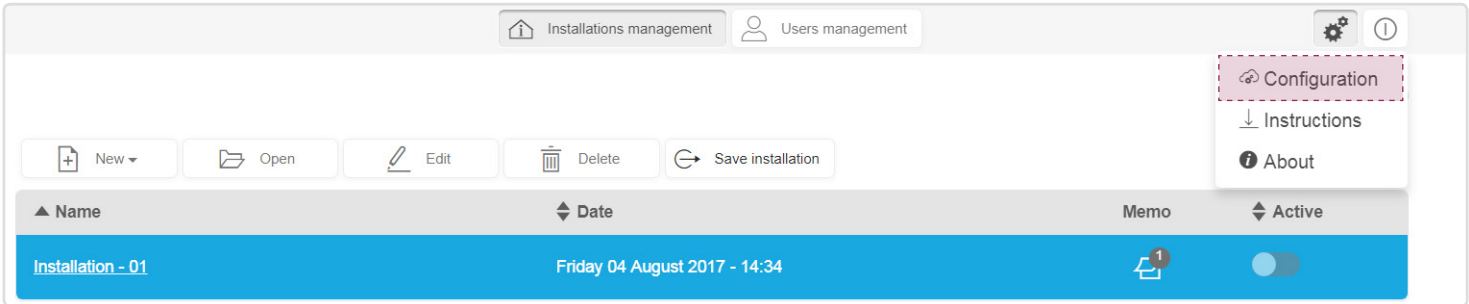
4.7. Additional functions/Setup menu

This section allows to configure the TJA510. While you are connected, the general parameters can be accessed from a top right pull-down menu.

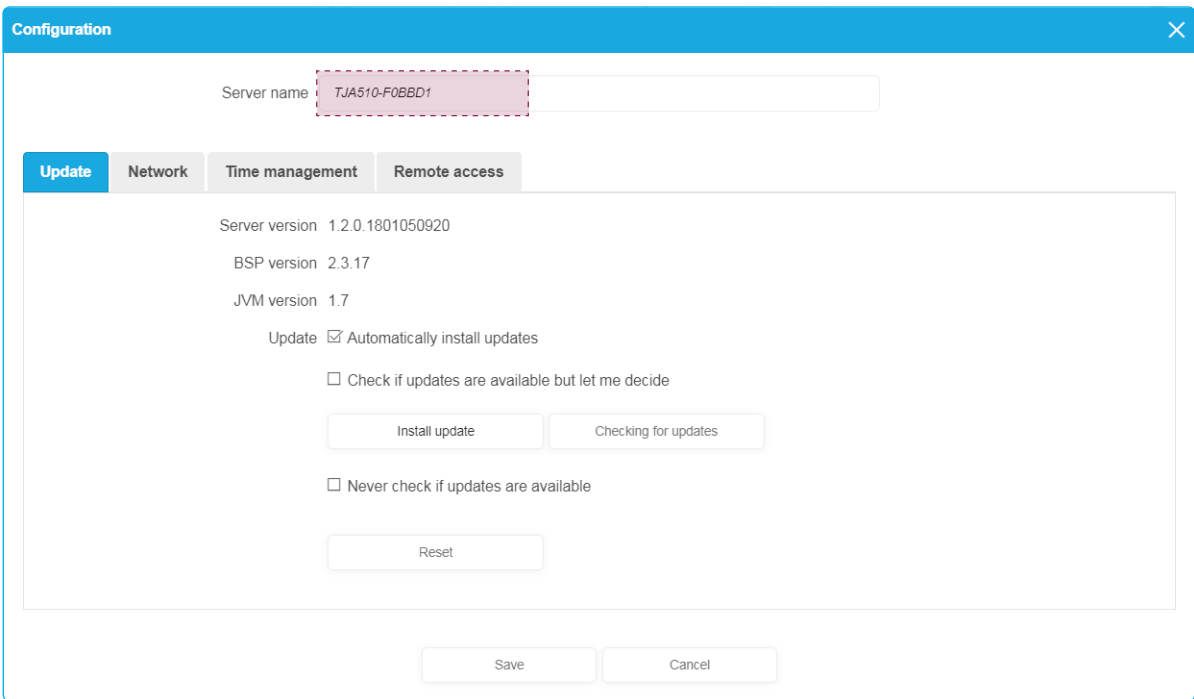
4.7.1. Menu Configuration

The general parameters can be accessed when you are connected to the configuration server. Proceed as follows:

- click on , a pull-down menu will be displayed,
- click on **Configuration**.



When the window is displayed, you can modify the **Server name**.



- Only the Administrator and Installer profiles are permitted to access this menu.
- In this menu, you will find various advanced settings which can only be defined by an experienced System Administrator.
- The modifications must always be validated by clicking on the Save button.

4.7.1.1. Update

Click on **Update** to review the versions of the software:

- server version (software application version),
- BSP version (software version of the motherboard),
- JVM version (software version of the java virtual machine)

Click on **Update** to select the update mode:

- **Automatically install updates:** the new software version will be installed automatically (default value: active),
- **Check if updates are available but let me decide:** the new software version is subject to validation for the installation (default value: inactive),
- **Never check if updates are available:** the configuration server does not check if a new software version is available (default value: not validated),
- click on **Save** to validate your choices.

Configuration

Server name

TJA510-F0BBD1

Update

Network

Time management

Remote access

Server version

1.2.0.1801050920

BSP version

2.3.17

JVM version

1.7

Update

☒ Automatically install updates

☐ Check if updates are available but let me decide

☐ Never check if updates are available

Install update

Checking for updates

Reset

Save

Cancel



Checking and downloading software updates can be performed automatically by connecting the configuration server to an Internet network.

4.7.1.2. Network

Click on **Network** to view:

- secured **HTTPS** protocol for remote access (default value: not validated).
- **MAC address** of the configuration server,
- **IP detection:** automatic or manual (as needed),
- **DNS server:** automatic or manual (as needed),
- click on **Save** to validate your choices.

Configuration

Server name

TJA510-F0B628

Update

Network

Time management

Remote access

br0

HTTPS:

☒ Confirm switching to https

MAC Address:

00:24:C6:F0:B6:28

IP detection:

☒ Auto☐ Manual

DNS server:

☒ Auto☐ Manual

Save

Cancel



By default, network settings are fed automatically via (DHCP) server, or alternatively they can be entered manually.

Switching to HTTPS

This section allows to choose a secured protocol for remote connection of a user to the configuration server. For switching to https:

- click on the **HTTPS** box to confirm switching.

Configuration

Server nameTJA510-F0B628

Update

Network

Time management

Remote access

br0

HTTPS

☒ Confirm switching to https

MAC Address00:24:C6:F0:B6:28

IP detection☒ Auto☐ Manual

DNS server☒ Auto☐ Manual

Click on **OK** in the displayed window to validate the action.

Confirm switching to http

If you confirm the switch to https, it will not be possible to go back to http without a reboot of the box.

Ok

Cancel

Manual entry of IP address

This section allows to enter the IP address of the configuration server when the address is not assigned automatically. For manual mode:

- click on the **IP** field and enter the new IP address,
- click on the **Subnet mask** field and enter the new mask,
- click on the **Default gateway** field and enter the new IP address.

Configuration

Server nameTJA510-F0B628

Update

Network

Time management

Remote access

br0

HTTPS

☒ Confirm switching to https

MAC Address00:24:C6:F0:B6:28

IP detection☐ Auto☒ Manual

IP

192.168.1.100

Subnet mask

255.255.255.0

Default gateway

192.168.1.1

DNS server☐ Auto☒ Manual

Preferred DNS server

Alternate DNS server

Manual entry of DNS server address

This section allows to enter the IP address of the DNS server when it is not assigned automatically. For manual entry:

- click on **Preferred DNS** field and enter the new IP address,
- click on **Alternate DNS** field and to enter the new IP address,
- click on **Save** to validate your action.

Configuration window showing the Network tab. The 'DNS server' section is highlighted with a dashed red box. It shows 'Preferred DNS server' and 'Alternate DNS server' fields, both empty. The 'Manual' checkbox for DNS server is checked.

4.7.1.3. Time management

Click on **Time management** to view:

- the selectable time zone from the drop-down list,
- synchronization with a time server (click on **Yes** or **No** as needed). By default, the configuration server is synchronized with the **Internet time server** (NTP network):

Yes	No
Time server: enter the name of time server (by default: pool.ntp.org)	Date: enter the current date
	Hour: enter the current time

- click on **Save** to validate your selection.

Configuration window showing the Time management tab. The 'Time zone' dropdown is set to '(UTC+0100) Brussels Copenhagen Madrid Paris'. The 'Synchronise with an Internet server' checkbox is checked. The 'Time server' field is set to 'pool.ntp.org'. The 'Current date' field is set to '04/08/2017' and the 'Current time' field is set to '14:39'. The 'Save' button is highlighted with a dashed red box.

4.7.1.4. Remote access

The remote access is used to connect to the configuration server from a terminal connected to the Internet. Click on **Remote access** to view:

- the **Remote address** field: the link to the HTTP address of the configuration server,
- the activation of the remote access (default value: activated): for remote support by the Installer,
- click on **Save** to validate your selection.


The screenshot shows a 'Configuration' window with a blue header and a close button. Below the header, there's a 'Server name' field containing 'TJA510-F0B628'. A row of tabs includes 'Update', 'Network', 'Time management', and 'Remote access' (which is selected). The 'Remote access' tab contains a 'Remote access:' label followed by a text field with the URL 'https://dwe84nau664y86t9c5w8a5dd.tja510.com'. Below this is a checked checkbox labeled 'Use of remote access'. At the bottom, there are 'Save' and 'Cancel' buttons. The 'Save' button is highlighted with a red dashed box.

From the terminal connected to the Internet:

- start the web browser, <http://kj4f6s8kvcywvd.ngrok.io>,
- the web browser starts in view of the Login page: enter the **Identifiant** and **Password**.

4.7.2. Instructions Menu

A document of help for the gateway configuration is available.

- Click on , then on **Instructions**.

The screenshot shows a web-based configuration interface. At the top, there are tabs for 'Installations management' and 'Users management'. On the right, there are icons for settings and help. A dropdown menu is open, showing options: 'Configuration', 'Instructions' (highlighted with a red dashed box), and 'About'. Below the menu, there's a toolbar with buttons: 'New', 'Open', 'Edit', 'Delete', and 'Save installation'. A table below the toolbar has columns: 'Name', 'Date', 'Memo', and 'Active'. The first row of the table is 'Installation - 01', 'Friday 04 August 2017 - 14:34', an icon with a red '1', and a toggle switch.

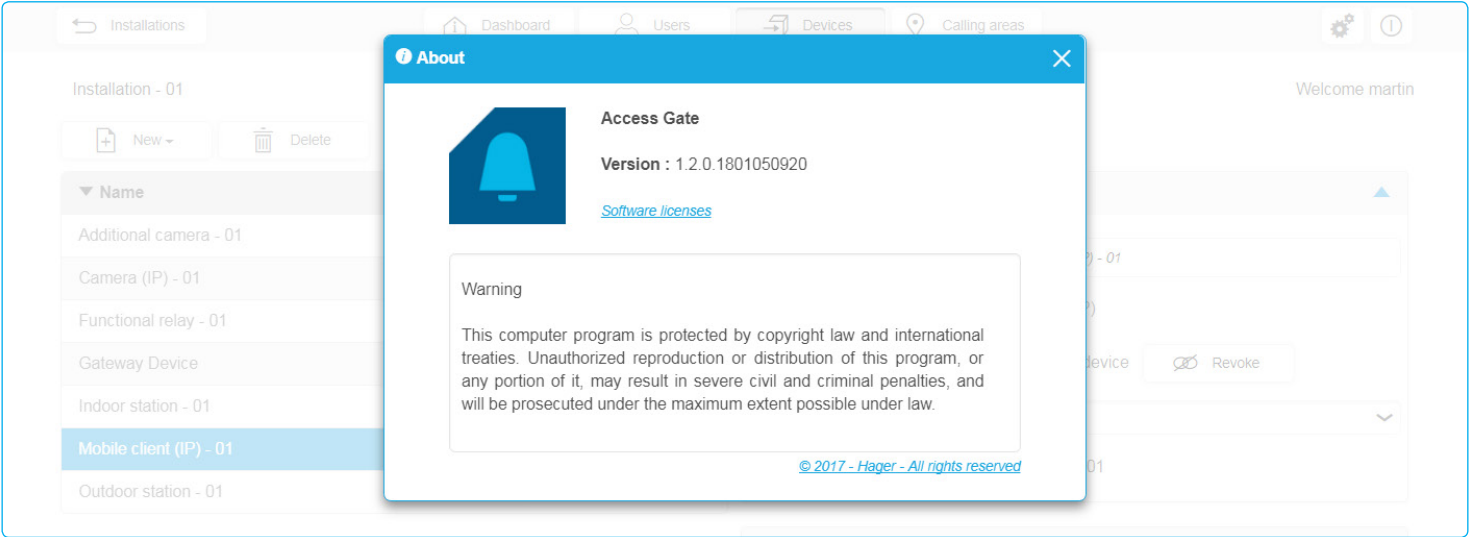
- In the displayed window: click on **Save** to download the document.

The screenshot shows a Windows file explorer window titled 'Enregistrer sous' (Save As). The address bar shows the path 'notices > Téléchargements'. The left sidebar shows the 'Favoris' (Favorites) section with 'Téléchargements' selected. The main pane shows a file named 'gateway' with a date of '04/08/2017 13:03' and a type of 'Dossier de fichiers'. At the bottom, the 'Nom du fichier' (File name) field contains 'EN_instructions_for_use' and the 'Type' (Type) dropdown is set to 'Adobe Acrobat Document'. The 'Enregistrer' (Save) button is highlighted with a red dashed box.

4.7.3. About Menu

In this menu, you will find related information about the software version of the configuration interface application, and the disclaimer clauses.

- Click on , then on **About** to know the **Access gate** software version.



- Click on **X** to close the window.

4.8. Technical specifications

External power supply ① or PoE ⑮⑯	24 V → 30 V $\overline{\text{---}}$ via Hager TBTS of type TGA200 or via PoE Supply
Typical / standby consumption of 2-wire bus	35 mA / 12 mA - 24 V $\overline{\text{---}}$
Consumption on the auxiliary supply	760 mA max - 24 V $\overline{\text{---}}$
Standby consumption on the 24V Ethernet and SB not connected	330 mA
Maximum dissipation (24V output)	10 W without USB, 15W max with 2 USB
PoE Supply Consumption	13W under PoE Class 3 W
Ethernet Network communication	2 x 100 / 1000 Base T
Max length of 24V power cable	10 m
Bus connection ⑩⑪	0,2 mm ² - 1,5 mm ²
Power socket ①	0,75 - 2,5 mm ²
IP/Ethernet network socket ⑮⑯	2 x RJ45
Operating temperature	-5 °C → + 45 °C
Storage temperature	- 20 °C → + 70 °C
Width (REG)	6TE
Dimensions (LxHxW)	106 x 90 x 67 mm
USB2 Interface ⑨⑭	2
Installation mode	DIN Rail (EN50022)
Operating altitude	< 2000 m
Pollution level	2
Surge voltage	4 kV
Protection rating	• box: IP20 • box under faceplate: IP30
Impact resistance	IK04

Hager Security
CS70510
38920 CROLLES-France