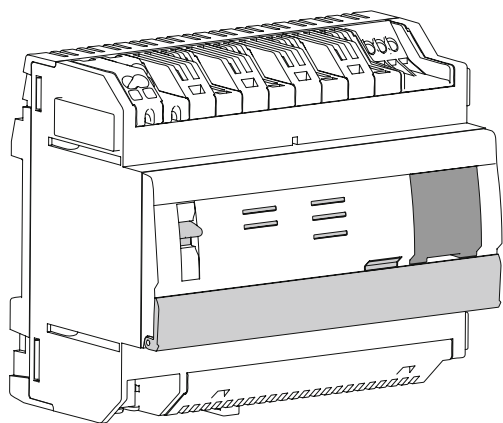


TJA510

configuration for the end-user (version 1.2.0)
Access Gate 2D/IP gateway DIN-rail



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

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1. Introduction

This documentation is intended to familiarize the owner of the installation with the access gate interface configuration. It describes the stages to be followed by the owner to complete this configuration successfully. For which the following conditions must be met:

- equipment installation and handover of installation must be made by the installer,
- the access gate must be connected to the Internet via a router, in which the DHCP-server function must be activated,
- the owner must have a mobile terminal (smartphone, touch tablet, PC) connected to the same network as the access gate.

2. Presentation

The TJA510 is an access gate allowing to create a link between IT equipment (computer, Smartphone, tablet, etc.) 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.

The installer has carried out installation, and declared and identified the products included in the installation (street gate, entrance, relay, camera...).

He has tested the installation and recorded the access gate on Hager portal, then transmitted the rights of administrator to the owner via the handover procedure.

After installation handover to the owner, the latter shall:

- log in to the access gate via **hager Pilot** software,
- finalize the transfer of the rights by the installer,
- declare the users of the system and assign them their user rights,
- test and use the system via the **elcom access** application.

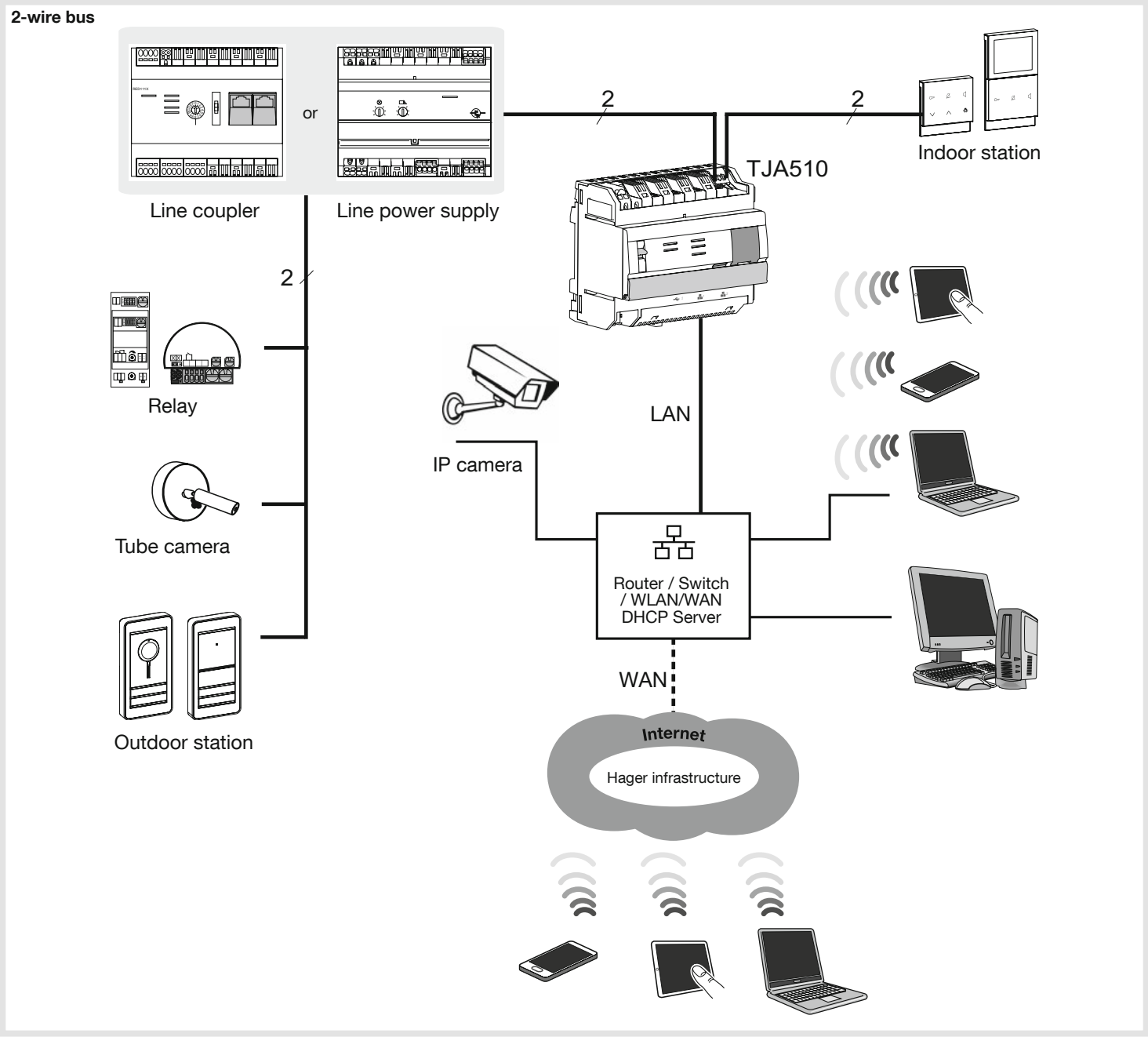


These stages are described below in this document.

3. 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 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.



4. System users

There are 4 different user profiles:

- **Administrator:** the “Administrator” account on the access gate is a unique account with all the rights, always accessible, and providing total access to the configuration software. After installation handover, the owner becomes the installation’s administrator.
- **Installer:** he configures all installation equipment and has full access to configuration software. After transfer of the administrator rights, the installer account may be disabled, activated, modified, or removed by the administrator. There is only one Administrator’s account for each configuration server.
- **Referent user: it is a user who has the rights of configuration for a calling area, namely an apartment or a villa, including the right of:**
 - adding or removing other users. Example: Mr. Martin as a referent user can create a user profile for his children or his wife so that they can also answer the intercom with their Smartphone’s or touch tablets,
 - setting the authorizations for remote action by such users via their mobile phones, e.g. changing camera (when several cameras are available in the installation).In certain cases (simple installations, typically for a villa), when the owner is the sole occupant of the property, there is no need to create a referent user, as the owner has already these rights as the installation’s administrator.
- **Restricted user:** it is an everyday system user, i.e. any person answering on the intercom system. He does not have any access to the configuration software (**hager Pilot**), and he can use only the end-user application **elcom access**.

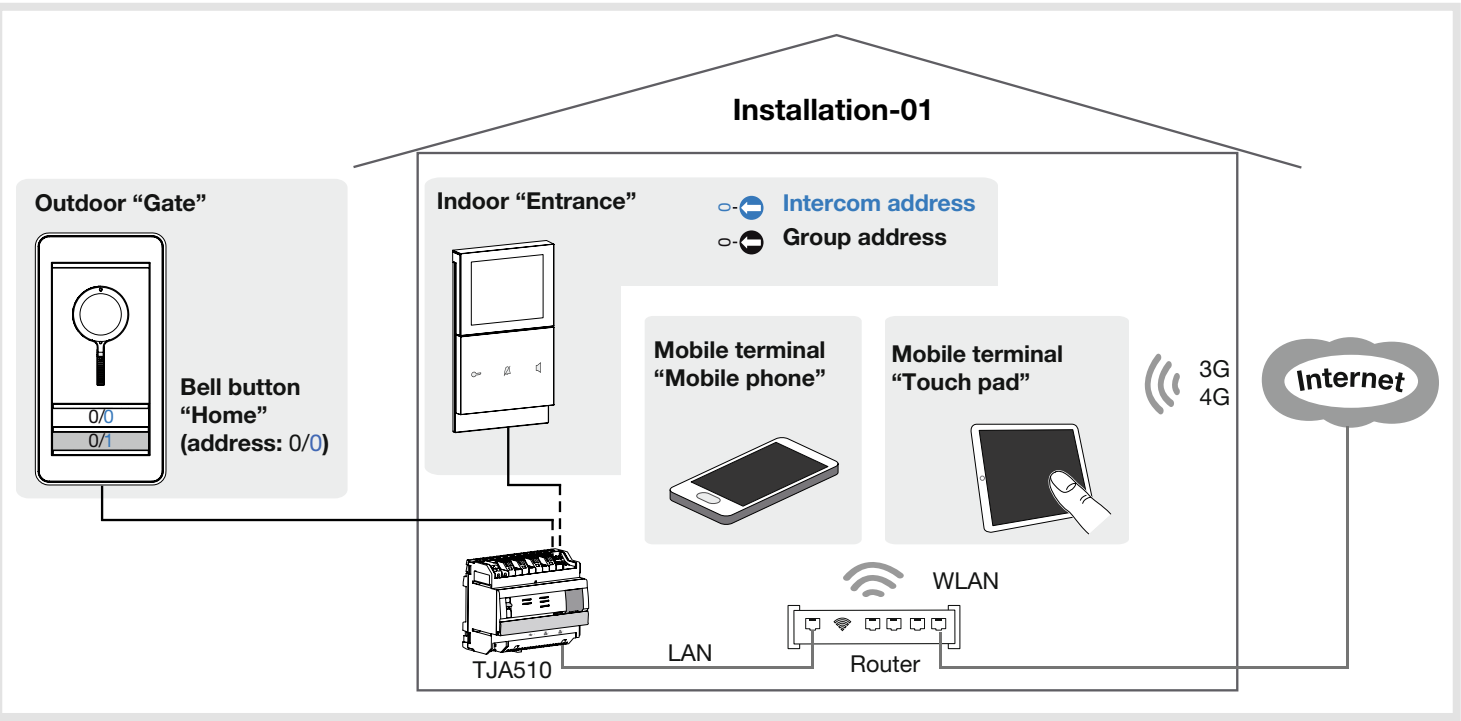
5. My installation

This section allows the user to finalize the installation, and to declare the mobile phones associated with the various system users on **hager Pilot** application.

5.1. 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),
- a mobile phone referred to herein as a “**Touch pad**”, equipped with the **elcom access** application for using the intercom system (in our example, iPad or Android tablet),
- 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**”.



5.2. Presentation of the applications

5.2.1. Configuration

Finalization of the transfer of rights and system configuration are performed via the **hager Pilot** application, which is a true configuration unit of intelligence embedded in the access gate.

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.



5.2.2. 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.



5.3. Installation of equipment

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.

At this stage, all the conditions required for the use of installation by the owner and the users are met. The owner of the installation shall next:

- Complete the handover of the installation,
- Create a new login and password to make access to the installation configuration safe,
- Restart server TJA510 using these new identifiers, and
- Create the intercom user accounts.

5.4. Software implementation

5.4.1. Installation of the hager Pilot application

• On mobile terminal:

1


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

Download on the App Store

Get it on Google play

2

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



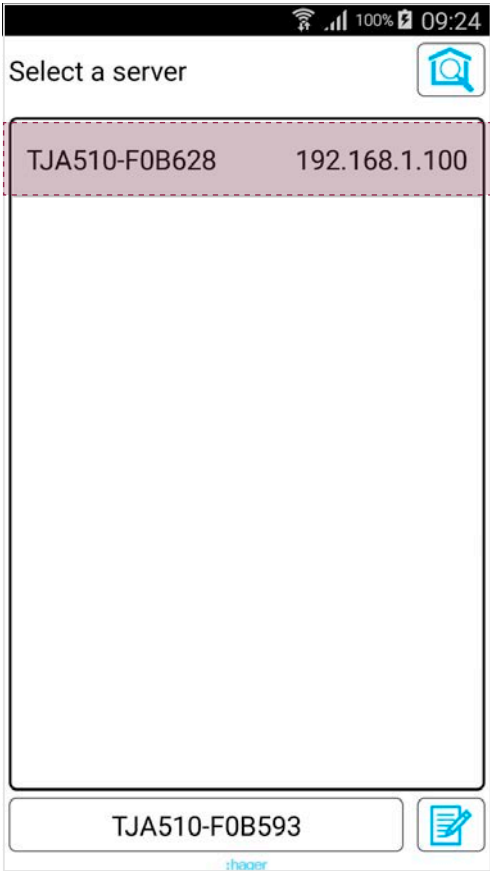
Pilot

5.4.2. Starting hager Pilot application

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

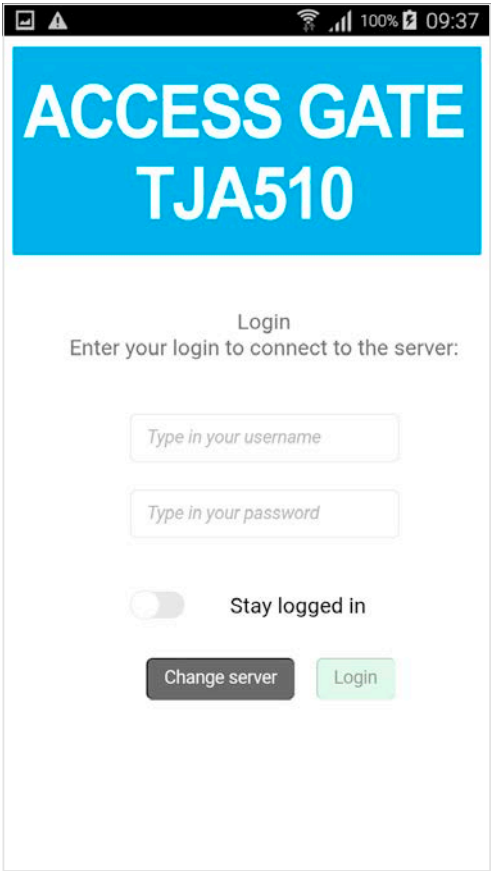
1

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



2

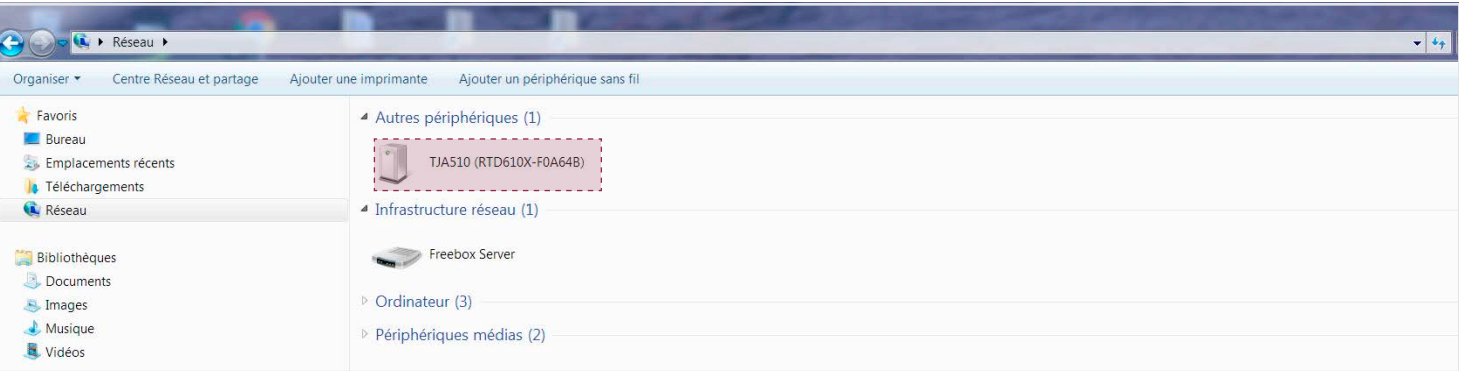
You are now connected to the server (see chapter “Login to the access gate”).



5.4.3. Access to the configurator without hager Pilot

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.



5.5. Login to access gate (finalizing handover by the owner)

At this stage of the installation procedure, you can only connect under the default 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**



- In order to provide maximum legibility on this document, all the displays associated with the configuration software are those seen on a PC screen.
- The displays seen from a mobile phone (via **hager Pilot**) are automatically adjusted to the resolution of the terminal screen, and can be noticeably different from those on a PC.

ACCESS GATE

Login


Enter your login to connect to the server:

Type in your username

Type in your password

Stay logged in

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**.

Finalize your installation


Welcome !

You just acquired a new Access gate gateway.
This device will enable you to boost the performance of your Doorphone system by allowing you to get the visitor call on your smartphone even when you are not at home. You can also review the call history or browse through the video snapshot taken whilst your visitors were ringing on your smartphone or on your indoor station [elcom.touch.comfort](#).

One last step before getting your system up and running.

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**.


Choose an account type

Use a myHager account*

Create a local account

*The Use of myHager account will enable you to manage remotely your system.


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:

- 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 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

mrs martin

Email

mrs.martin@gmail.com

Password

Confirm password

Role

Restricted user

Parent

martin

Add a mobile client

Name

smartphone

Home

Cancel

Add

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 !

Add a new user

Finish

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.

5.6. 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**).

5.6.1. 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.

Download on the App Store

Get it on Google play

2

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



elcom access


5.6.2. 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**.

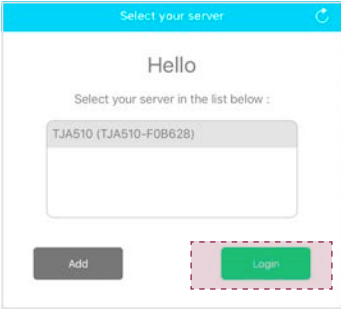
1

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



2

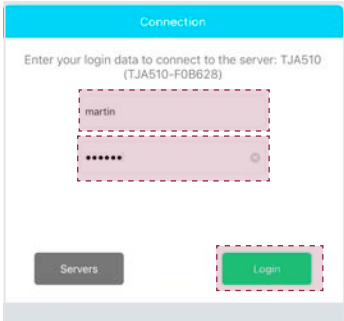
Select server **TJA510** of the installation and click on **Login**.



3

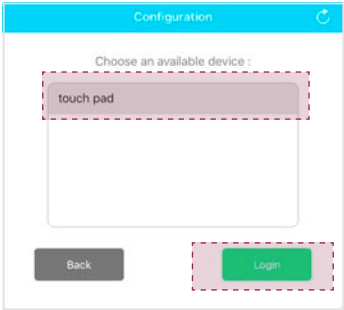
The **Login** window will be displayed. Type in:

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



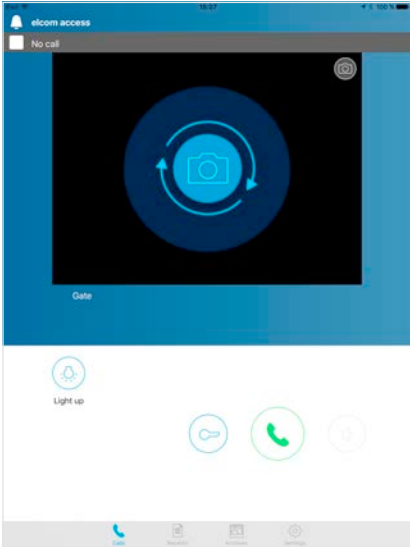
4

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**.

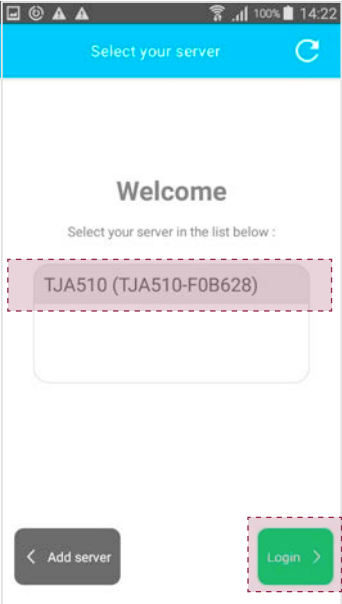
1

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



2

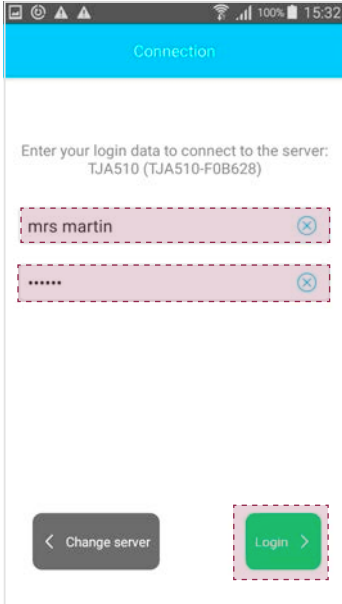
Select installation server **TJA510** and click on **Login**.



3

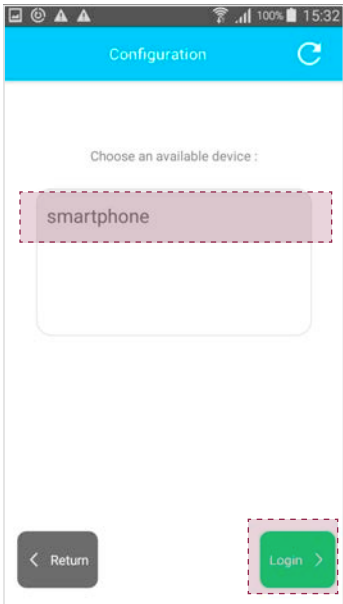
The **Login** window will be displayed. You must enter:

- the Username (in our example: **mrs martin**) and the Password,
- and click on **Login**.



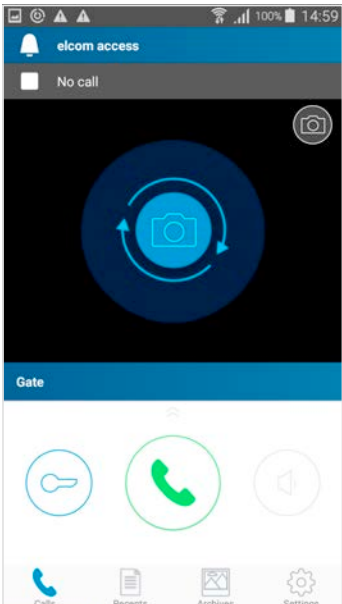
4

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**.



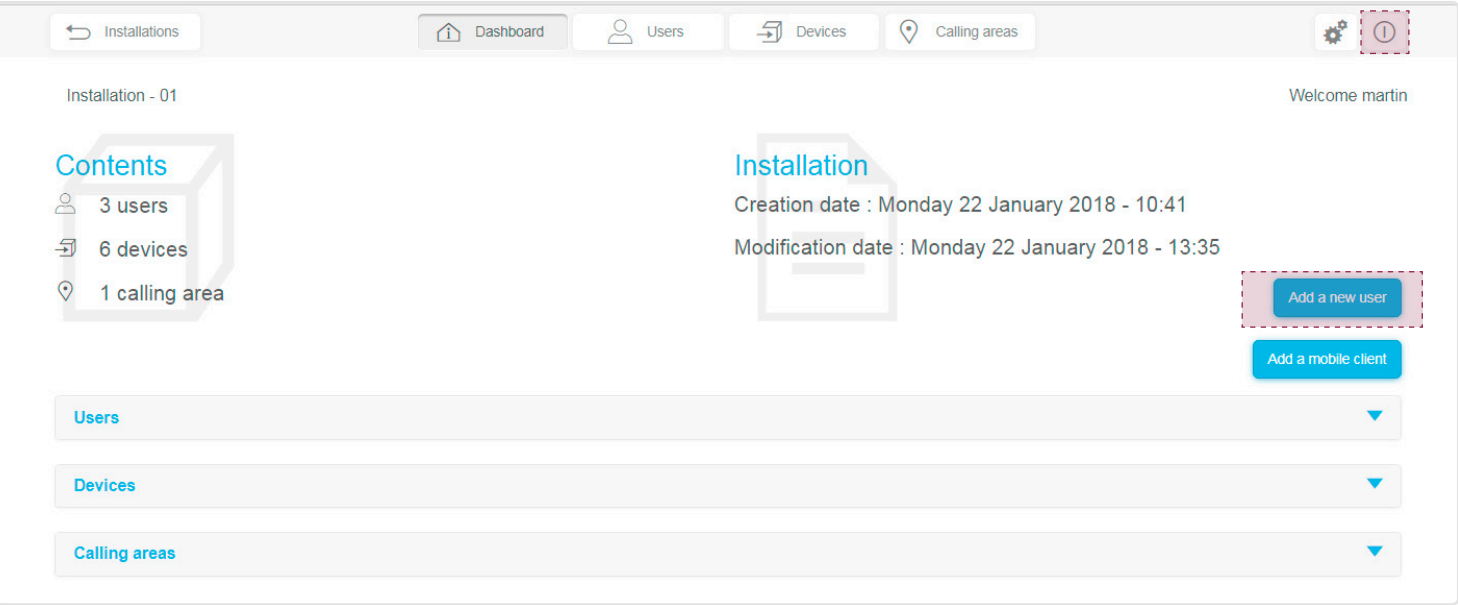
5

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



5.7. Creating a new user and its terminal

In order to create another user with a mobile terminal, go the **Dashboard** tab and click on **Add a new user**.



The window **Create a new user** will be displayed. You must fill in the requested information:

- name of user, in our example: **user**
- her email address, in our example: **user@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.

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

- When the window Create a new user will be displayed again:
- check validation of the calling area, in our example **Bell button-01** is activated,
 - click on **OK**.

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 de confirmation de création 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 Hager Access app on the Play Store or the Apple Store and enter the credentials you just created.

Ok

The **Dashboard window** is displayed.

5.8. Creating a mobile terminal

If you want to add a mobile device and associate it to an existing user, you must click on **Add a mobile client**.

Installations

DashboardUsersDevicesCalling areas

Installation - 01

Welcome martin

Contents

3 users6 devices1 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

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

A window **Create 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

The **Dashboard** window is displayed.

5.9. Removing association with a mobile phone

In the event of loss or change of a mobile phone, association of such terminal with the TJA510 unit must be removed. For that, you must display the **Devices** page of your installation and select the device which association must be removed:

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

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

admin

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

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.

Revoke

Are you sure to revoke this mobile?

Yes

No

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

Installations

Dashboard

Users

Devices

Calling areas

Installation - 01

admin

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

admin

Allowed calling areas

☒ Bell button - 01

Parameters

Device ID (SIP)

401

Authorizations:

Door call

☒ Authorized

Door release

☒ Authorized

Camera switch

☒ Authorized

5.10. Deleting a mobile phone / Mobile client (IP)

If you wish to permanently remove a device or a mobile Client (IP) of an installation, you must display the Devices page of your installation, and then:

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

Installations

DashboardUsersDevicesCalling areas

Installation - 01admin

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?

Yes

No

18

5.11. Login to the access gate (after handover)

The default Administrator's account (admin/1234) is disabled: you must now enter your new identifiers created at the time of handover finalization, and next click on **Login**.

ACCESS GATE

Login

Enter your login to connect to the server:

martin

Stay logged in

Login

Hager Security
CS70510
38920 CROLLES-France