HOW TO.

Configure AXIS A4612 Network Bluetooth Reader and Mobile Credentials in AXIS Camera Station Secure Entry.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Contents

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Introduction

This document will show you how to configure the AXIS A4612 Network Bluetooth Reader with a controller and how to configure mobile credentials via AXIS Camera Station Secure Entry.

Prerequisites

AXIS Camera Station 6.3 or later

AXIS Door Controller 11.9.71.11 or later

A4612 Network Bluetooth Reader 2.44.0 or later

IP Utility

AXIS Camera Station device license

Configured SMTP Server in AXIS Camera Station

Please note that Axis doesn't take any responsibility for how this configuration may affect your system. If the modification fails or if you get other unexpected results, you may have to restore the settings to default.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 1 – Adding/updating & setting up devices

Start by adding the controllers to Axis Camera Station and ensuring that they are running the latest firmware. For the controllers used we require the use of HTTPS for end-to-end security, these controllers should also use ACS as an NTP.

To add the Controllers

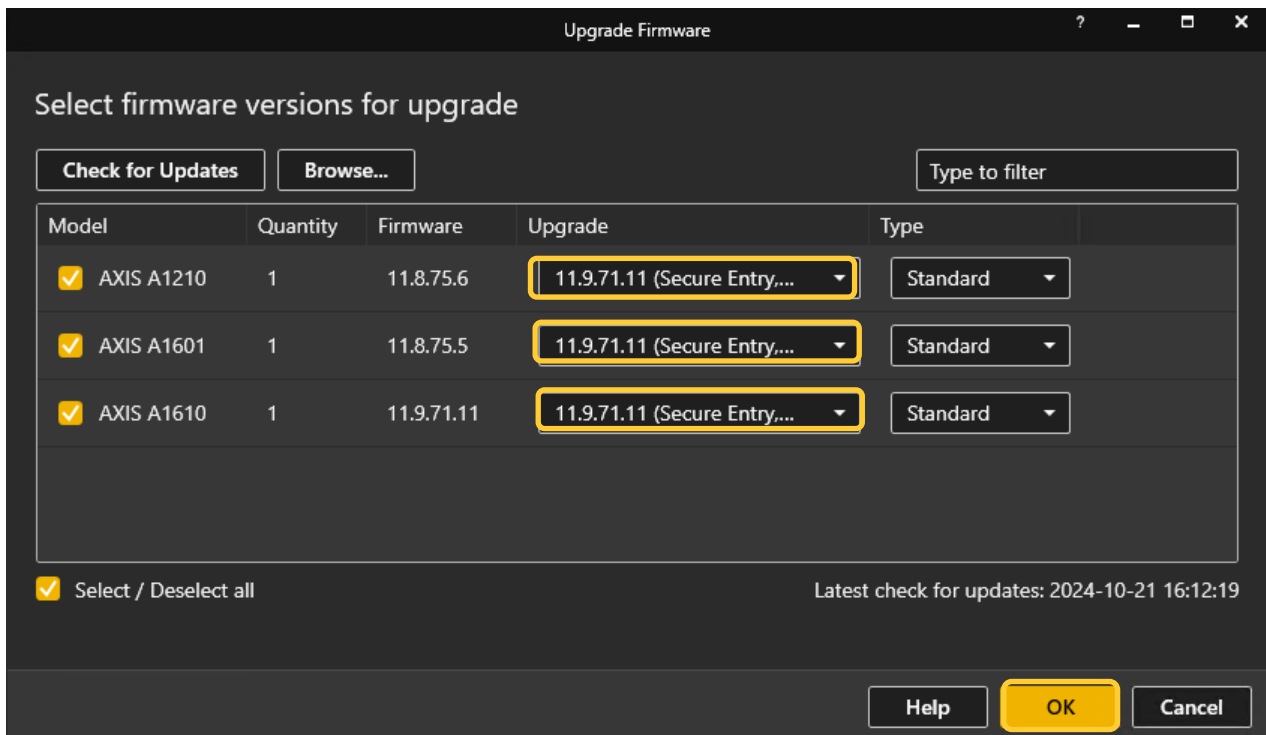Follow these steps if you need to add the controllers:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. From the left menu select "Devices" and under this drop-down select "Add Devices"

3. On this page if the units are in your network, you should see the controllers, if they are missing then you can try do a manual search via the button "Manual Search". If they still cannot be found, please check the controllers are powered and are on the same network.

4. If the controllers are greyed out, this means they require the password for the unit, this is entered by clicking on the "Enter password" under status for the unit.

5. Once you see the controllers you wish to add, you can hold down the "ctrl" key and select the controllers, then click add found on the bottom left.

6. Follow the pop-up wizard to add these controllers
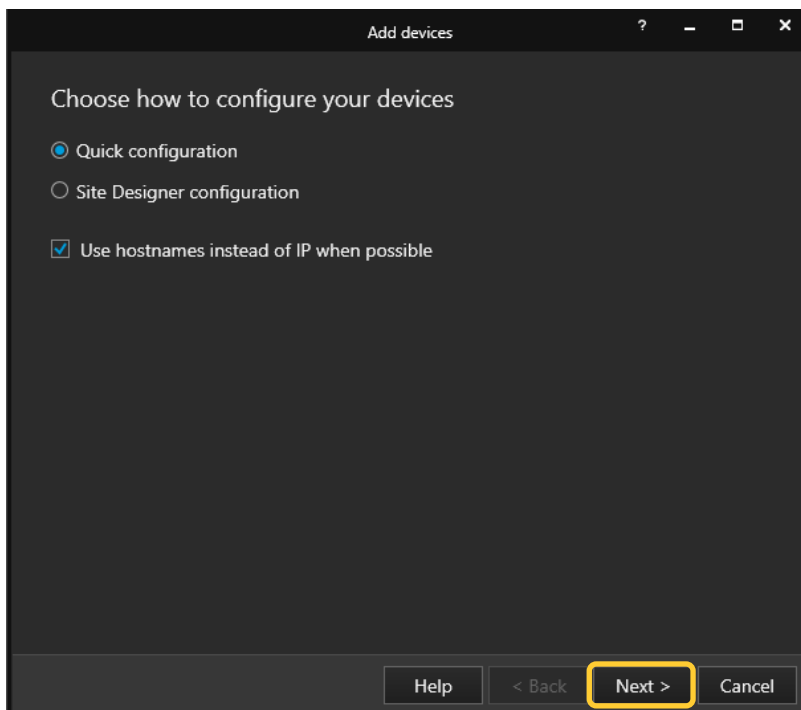
To update the controllers

Follow these steps to update your devices:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. From the left menu select "Devices" and under this drop-down select "Management"

3. From this page hold "ctrl" and select the controllers, once selected press the update firmware button.

4. In the popup select the latest firmware, ensure to select the latest Secure Entry track and press "OK"

5. The update can be monitored via the "tasks"

	Upgrade Firmware	? — ☐ ✕

Select firmware versions for upgrade

Check for Updates	Browse…			Type to filter

Model	Quantity	Firmware	Upgrade	Type
☑ AXIS A1210	1	11.8.75.6	11.9.71.11 (Secure Entry,… ▼	Standard ▼
☑ AXIS A1601	1	11.8.75.5	11.9.71.11 (Secure Entry,… ▼	Standard ▼
☑ AXIS A1610	1	11.9.71.11	11.9.71.11 (Secure Entry,… ▼	Standard ▼

☑ Select / Deselect all   Latest check for updates: 2024-10-21 16:12:19

Help   OK   Cancel

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

To setup the controllers

Follow these steps to setup your controllers:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. From the left menu select "Devices" and under this drop-down select "Management"

3. Right click on the controller and select "Security – HTTPS – Enable/Update"
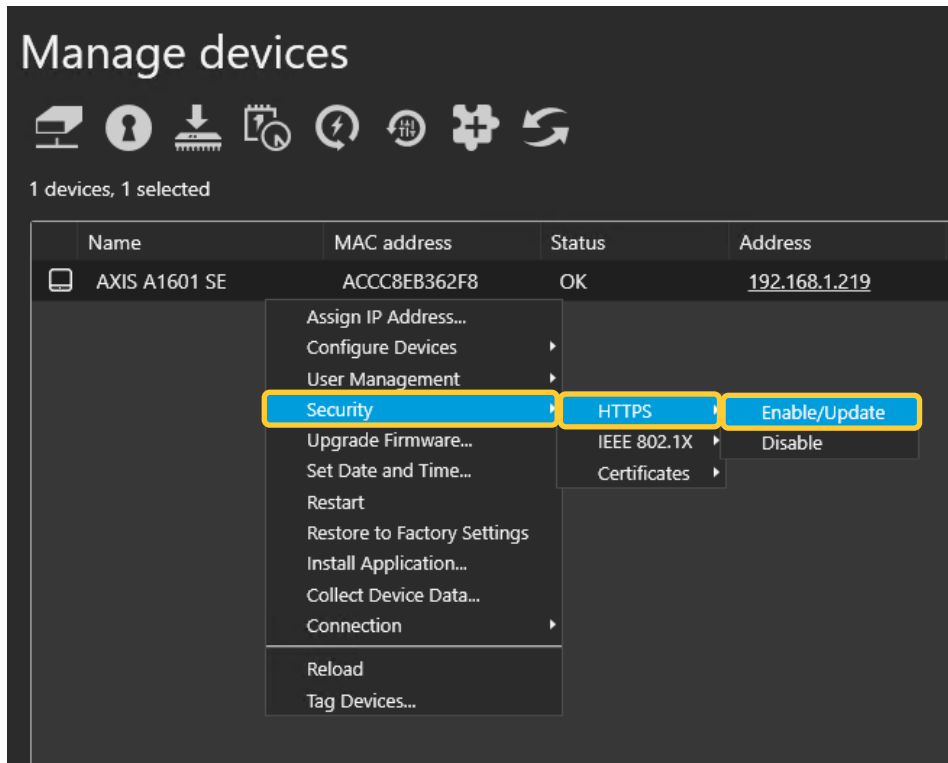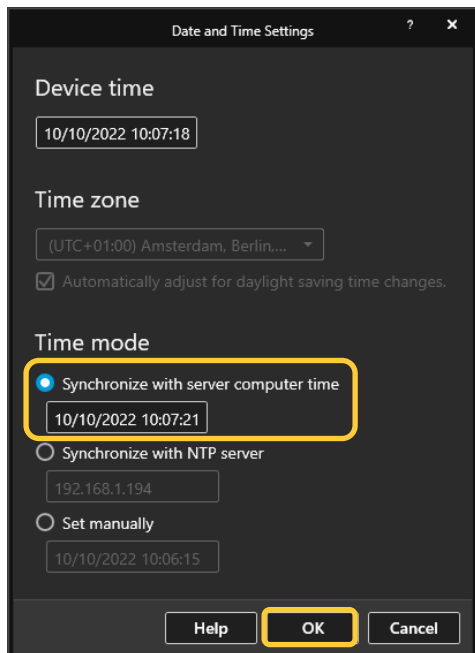

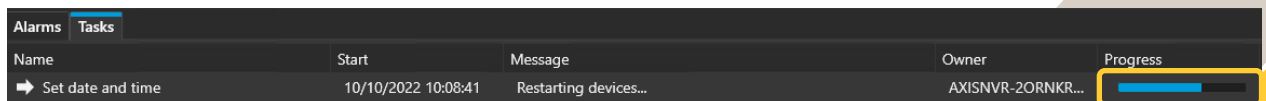4. This will create a task in the task and alarms, once this has completed, HTTPS is enabled on this device.
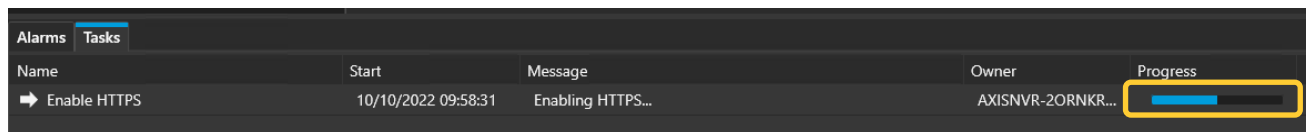
5. Next to setup is the time & date on the controller, we do this but right clicking on the device in Devices – Management and selecting "Set Date and Time…"
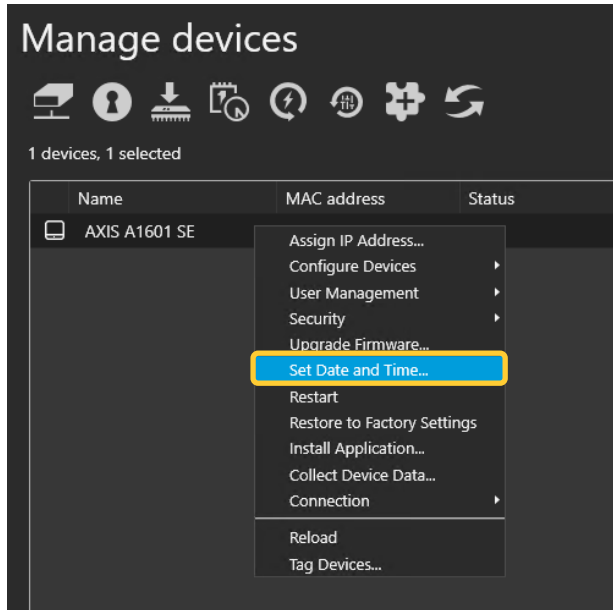
6. In the pop-up select yes, In the next pop-up under "Time Mode" choose the first option, "Synchronize with server computer time"


7. This will then add a task in the task and alarms, once completed the time will now be synched with the computer server time.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
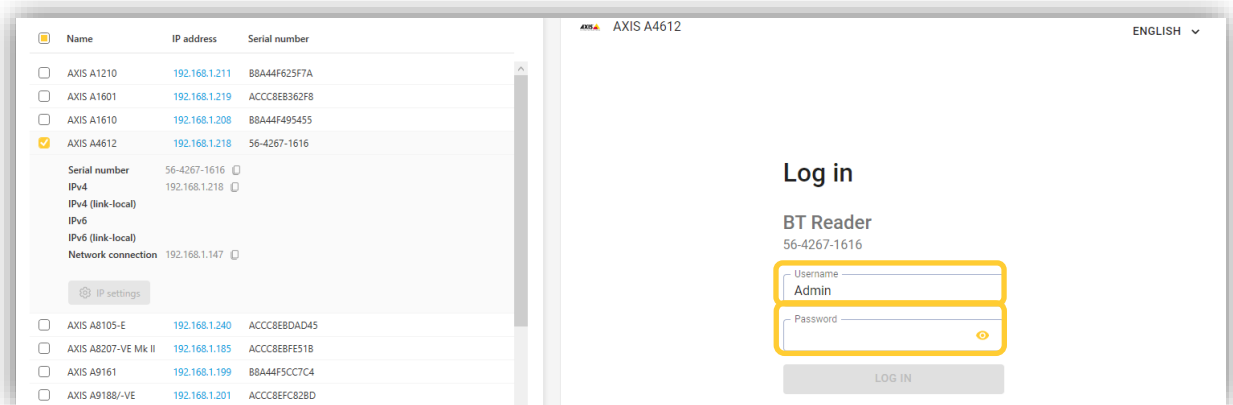Mobile Credentials in AXIS Camera Station Secure Entry.

To setup the A4612 reader
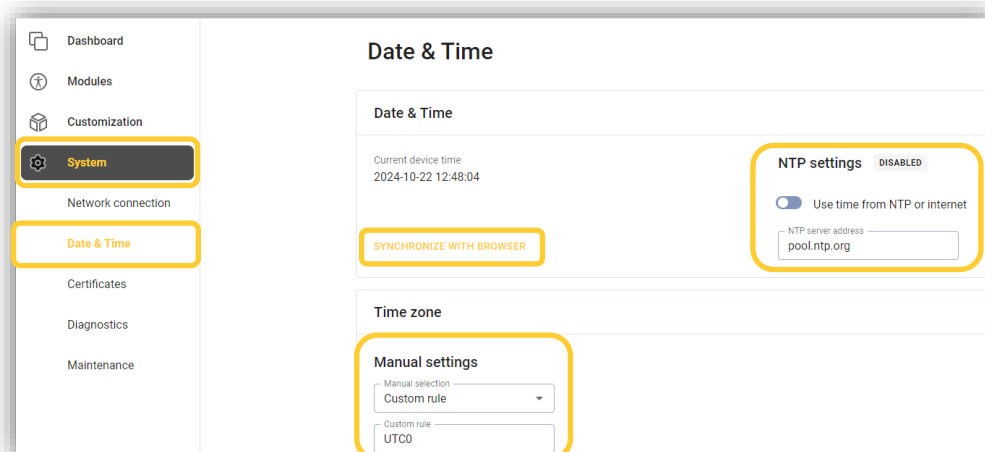
Follow these steps to setup your readers:

1. Using IP Utility, find the A4612 reader on your network and select the IP address hyperlink.
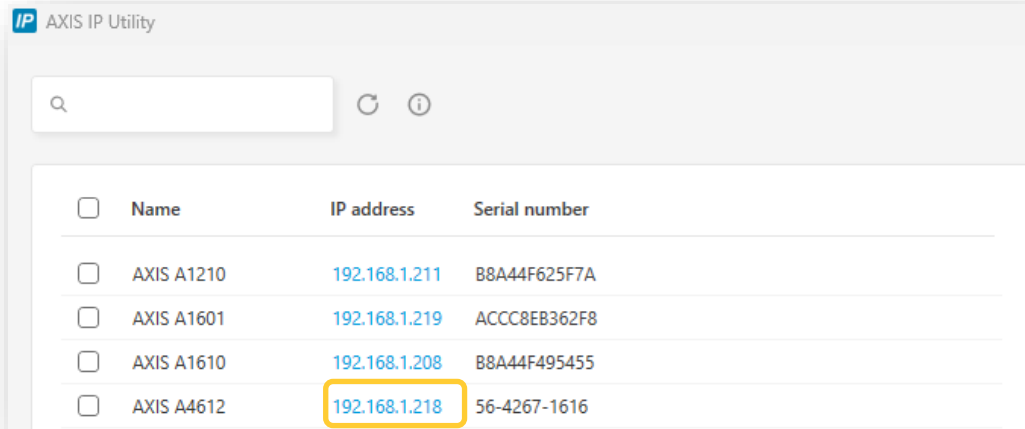

2. In the popup login to the reader for the first time and configure your chosen password.

3. Once logged into the reader, select the menu on the left and go to "system" – "Date & Time" here you can configure the date and time either by syncing with your browser or using an NTP, and set the time zone for the device.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

4. To upgrade the firmware on the reader, using the left menu select "System" –
    "Maintenance", from this page you can see the current firmware installed on the
    reader, to upgrade select "firmware upload"
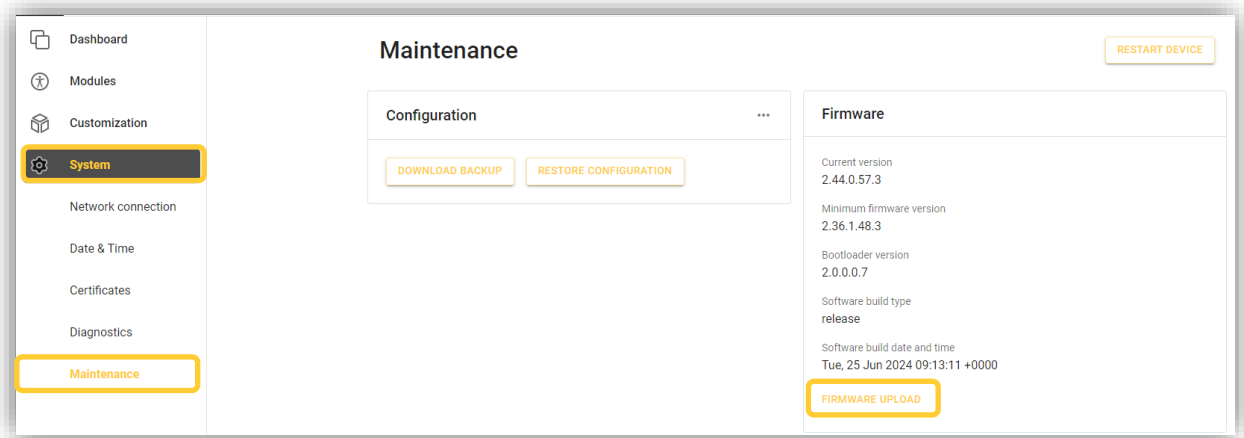
5. In the pop-up either select or drag the firmware file and select "Upload"

6. The reader will automatically restart after completing the firmware upgrade.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 2 – Connecting the A4612 Reader to your controller

These steps will show you how to connect the A4612 reader to your controller.
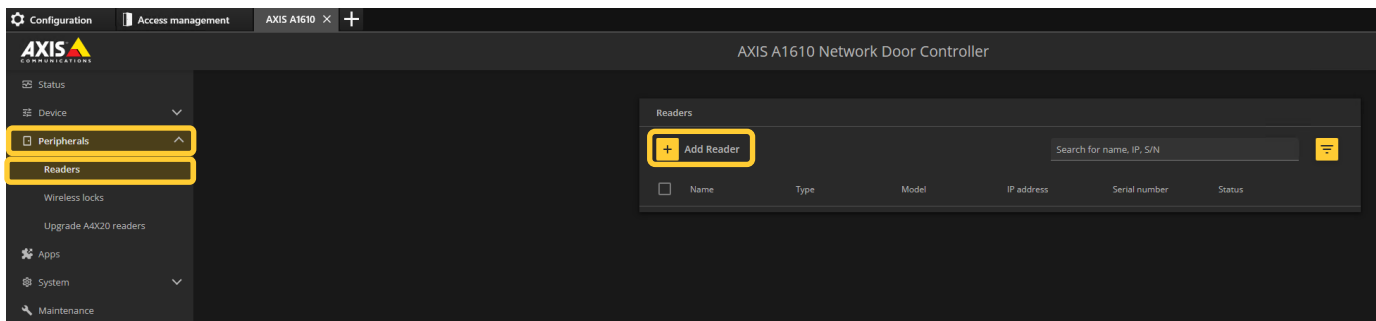
To connect the devices

Follow these steps to connect the controller and reader:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. Select Devices – Management and in the list click on the IP/address link on the controller you will connect the reader to.
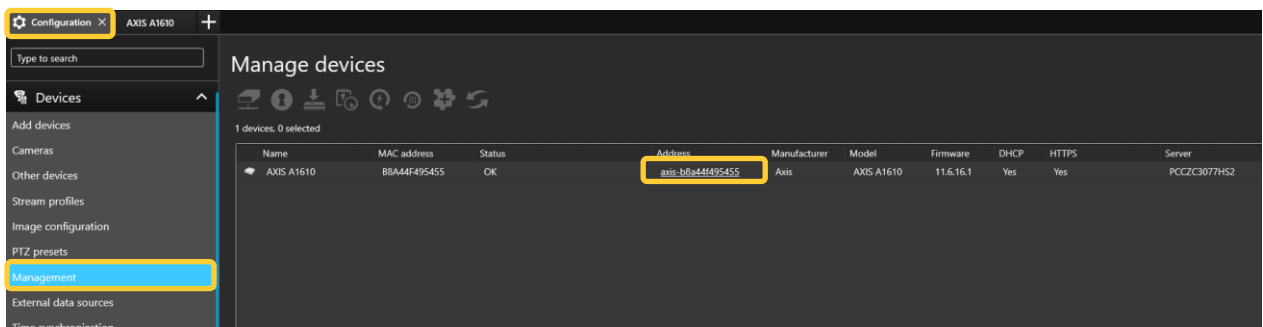
3. In the new webpage tab for the controller select "Peripherals" then in the drop down menu select "Readers" then press the "Add Reader" button

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

4. In the pop-up menu fill in the details such as name, using the dropdown for select reader you can choose the reader you are pairing. If your reader does not show in this list you can manually enter in the IP address of the reader. And then provide the username and password for the reader and click "Add"

5. You should now see the reader in the dashboard with the status online.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 3 – Configuring SMTP Server

To configure SMTP server

To be able to send out the Bluetooth credentials we need an SMTP (Simple Mail Transfer
Protocol) to be configured as this allows AXIS Camera Station to have a chosen mail
address to distribute the credentials from, please note that this is not something Axis
Communications provides.

Follow these steps to configure SMTP server:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top
   of the screen.

2. From the left menu select "Server" and under this drop-down select "Settings"

3. On this page press "Add.." under "SMTP servers" and in this pop-up fill in your SMTP
   server details and press "OK"

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 4 – How to create/edit a schedule

Creating/editing a schedule to use in Secure Entry

These schedules would be used for setting specified time periods for identification profiles and access times for cardholders or door unlock schedules.

Follow these steps to create a schedule:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. From the left menu select "Recording and events" and under this drop-down select "Schedules"

3. To edit a schedule, highlight the schedule you wish to edit, if you wish to create a new schedule, press new.

4. To edit this schedule hold and drag the cursor along the time for each day that you want the schedule to be running. Blue highlighted will be the active times on each day.

5. Once you are happy with your schedule you can provide it with a new name in the name field and click apply.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
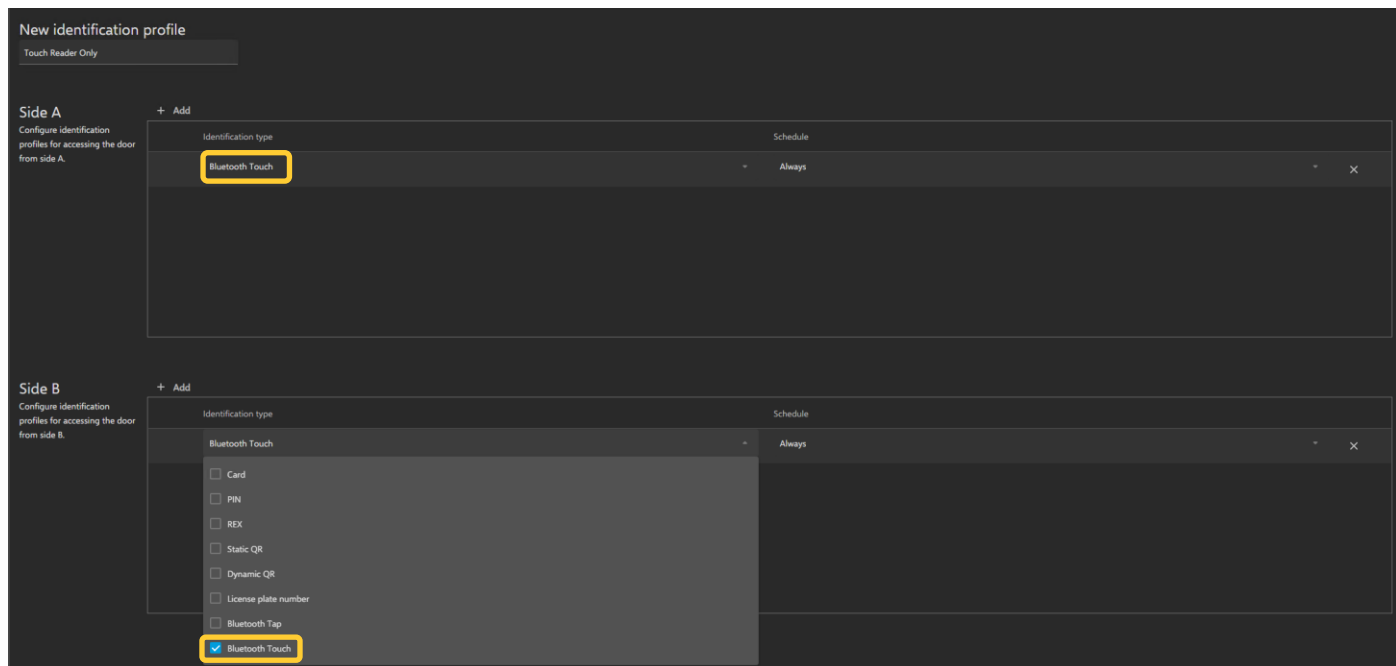Mobile Credentials in AXIS Camera Station Secure Entry.

Step 5 – Configuring Bluetooth identification profile

To create the Bluetooth identification profile

If you are wanting a multi-factor authentication or multiple types of credentials (card or Bluetooth) you will need to create a new identification profile.
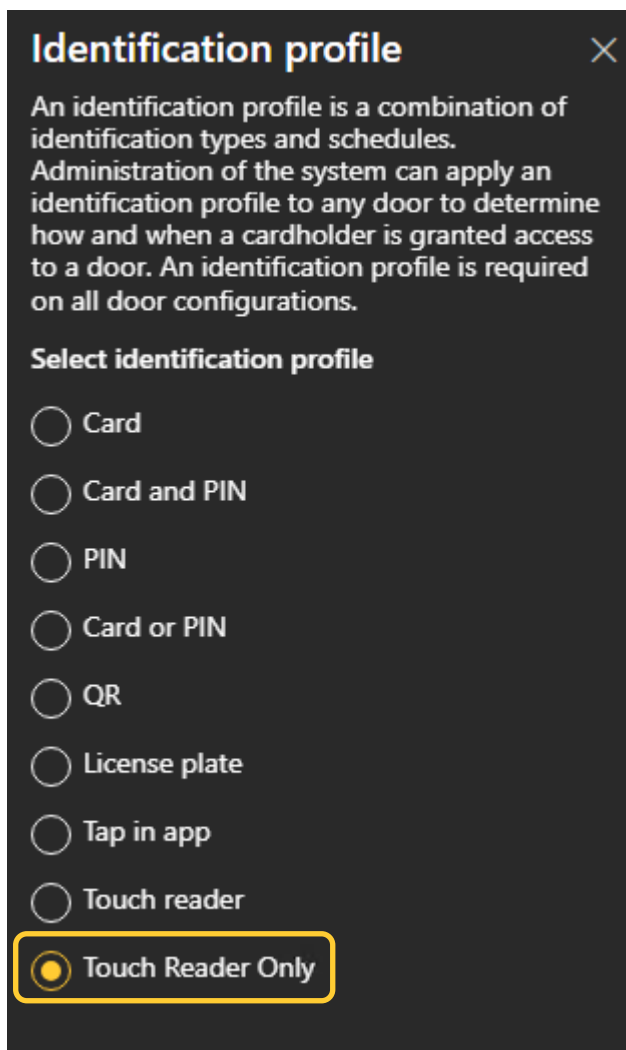
Follow these steps to create:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

1. From the left menu select "Access control" and under this drop-down select "Identification Profiles"

2. On this page "Tap in app" and "Touch Reader" as an identification exists, to create a new identification type select "+ Create identification profile" Alternatively if you wish to add the "tap in app" or "touch Reader" to an existing profile click the edit pencil.

3. Give the profile a name and for each side configure the required credentials using the "+ Add" then in the drop-down tick the identification types you wish to be presented to grant access, after select the schedule this applies too. Then select "Ok" in the bottom right.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

To apply the Bluetooth identification profile to door

Follow these steps to apply:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. From the left menu select "Access control" and under this drop-down select "Doors and zones

3. Highlight the specific door and click "Select identification profile"

4. In the pop-up window select the identification profile you wish to use, and click "Apply"

Identification profile ✕

An identification profile is a combination of identification types and schedules. Administration of the system can apply an identification profile to any door to determine how and when a cardholder is granted access to a door. An identification profile is required on all door configurations.

Select identification profile

◯ Card

◯ Card and PIN

◯ PIN

◯ Card or PIN

◯ QR

◯ License plate

◯ Tap in app

◯ Touch reader

⦿ Touch Reader Only

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 6 – Creating a door with a Bluetooth reader

**To create a door/add a bluetooth reader to an existing door**

If you have a door already configured in your system and wish to add the bluetooth reader, click on the three dots and select "edit", once on the configuration screen follow from step 5.

Follow these steps to create a door:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen.

2. From the left menu select "Access control" and under this drop-down select "Doors and zones"
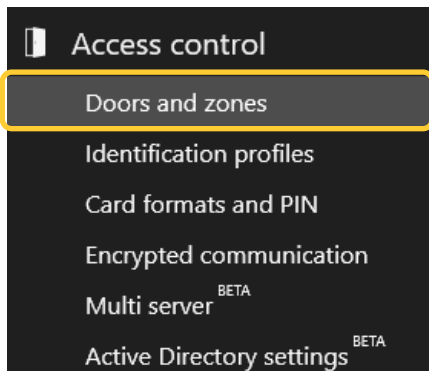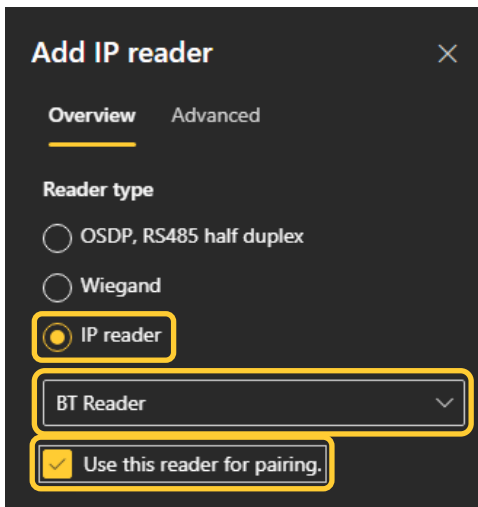

3. On this page press "+ Add door" and in the pop-up give the door a relative name and select the door controller in the second drop down, then press "Next"

How To.

Configure AXIS A4612 Network Bluetooth Reader and
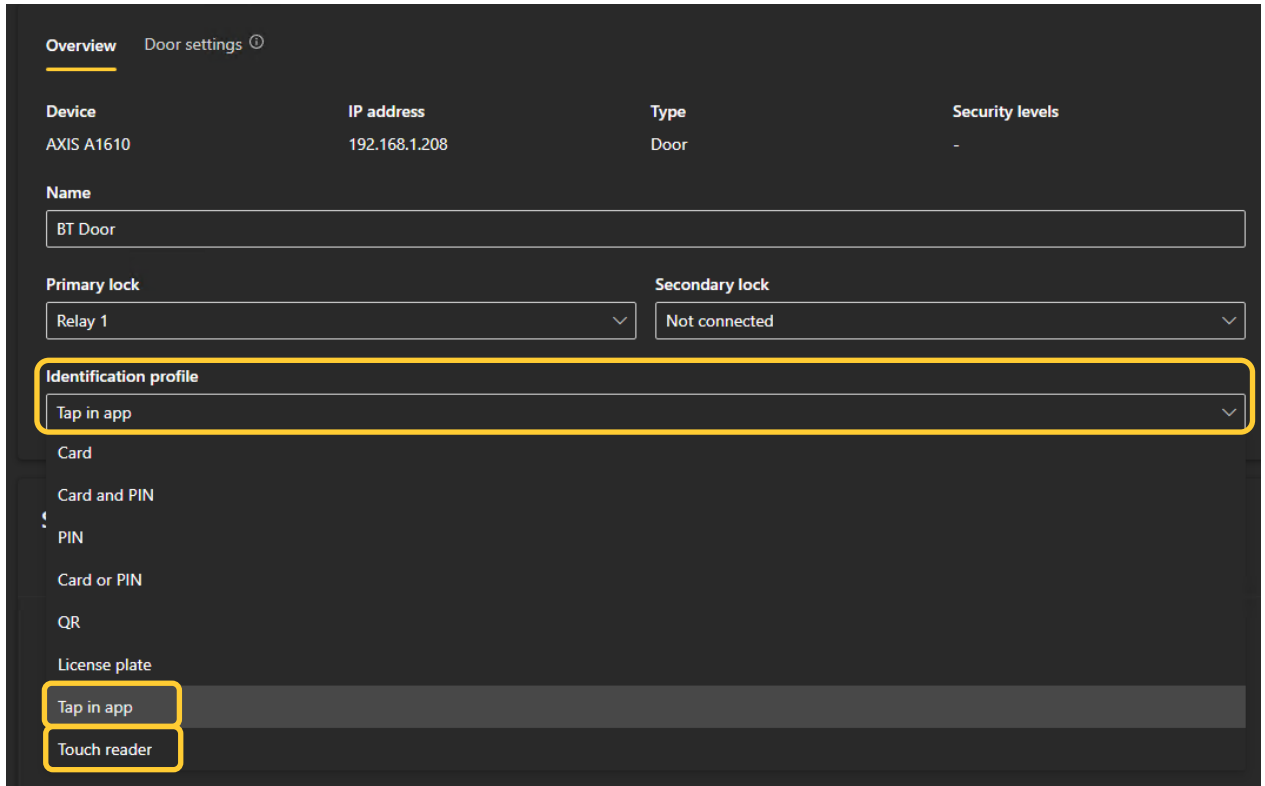Mobile Credentials in AXIS Camera Station Secure Entry.
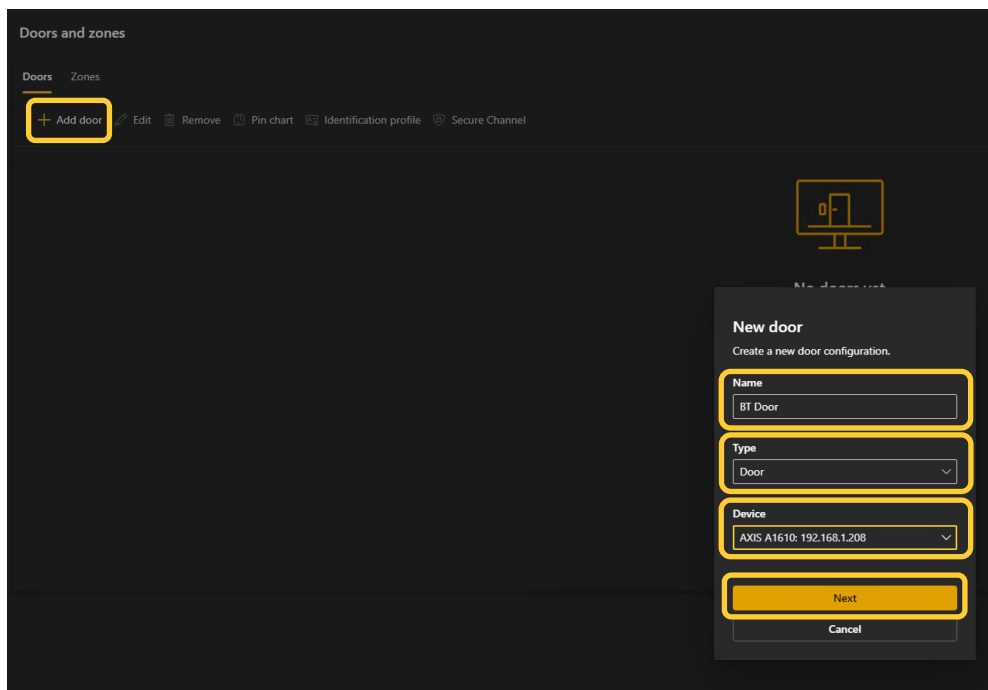
4. Proceed to configure the locks with the correct relay and door monitors (if used)

5. On the side you wish to have the Bluetooth reader select "add" then "Card reader"
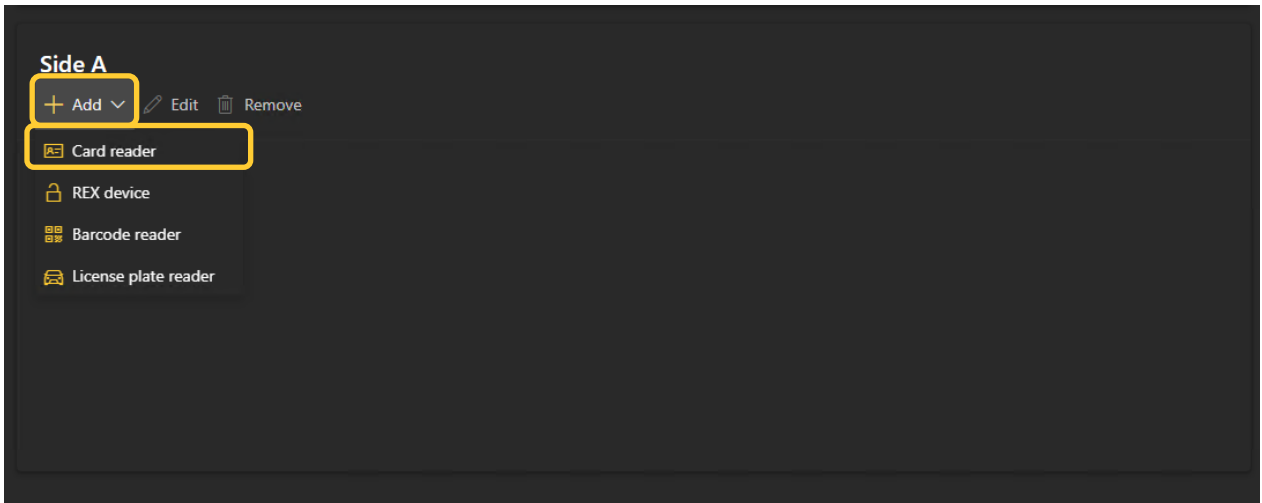
6. In the side menu select "IP reader", using the dropdown box select the A4612 reader you paired. If this will be used for pairing your credentials also mark this reader for pairing. Then click "Add"

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

7. In the Overview card change the identification profile, two new profiles have been added for the supported modes for the A4612 reader, "Tap-in-app" and "Touch reader". If you only have the A4612 attached to either side of the door and use a REX on the other. These default profiles can be used.
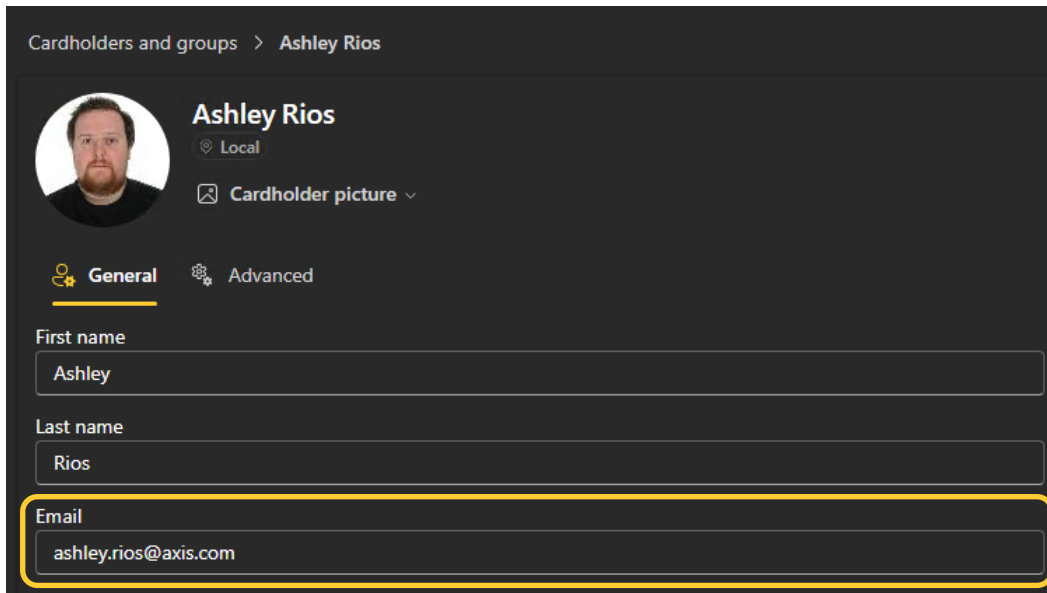
How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 7 – Creating and sending the bluetooth credential

To create the Bluetooth credential

Now we can provide the bluetooth credential to either new or existing cardholders.

Follow these steps to create:

1. In Axis Camera Station open the configuration tab via the "+" symbol found at the top of the screen. And select "Access management"

2. From this page you can either create a new cardholder via the "+Add" button. If you wish to add a Bluetooth credential to an existing cardholder, find them in the cardholder area highlight them and select "edit".

3. In the cardholder, fill out the name and email address fields, (the email address is required to be able to send bluetooth credentials to cardholders) then under credentials click the "+Add" and select the mobile credential button.
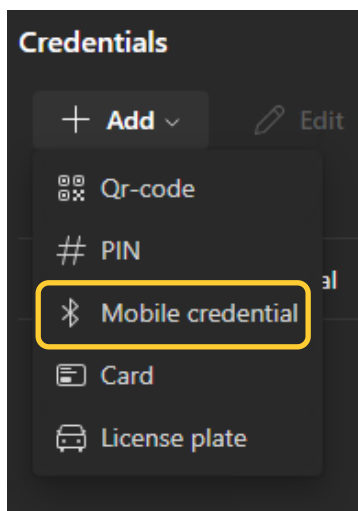
How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

4. Here we give the Bluetooth credential a name and decide the expiration date. Under you can choose if you wish the Bluetooth credential to be emailed directly after adding the adding the user. then ready click "Add" then click "Add" top left.

5. If you chose not to directly send the email, highlight the cardholder, and click "edit" next highlight the mobile credential and select edit. And tick the "Send the mobile credential to the cardholder after saving", Click "Apply" then Save"

6. If you wish to change the email message template this can be edited by clicking the settings symbol from the left bar and selecting "Email Templates".
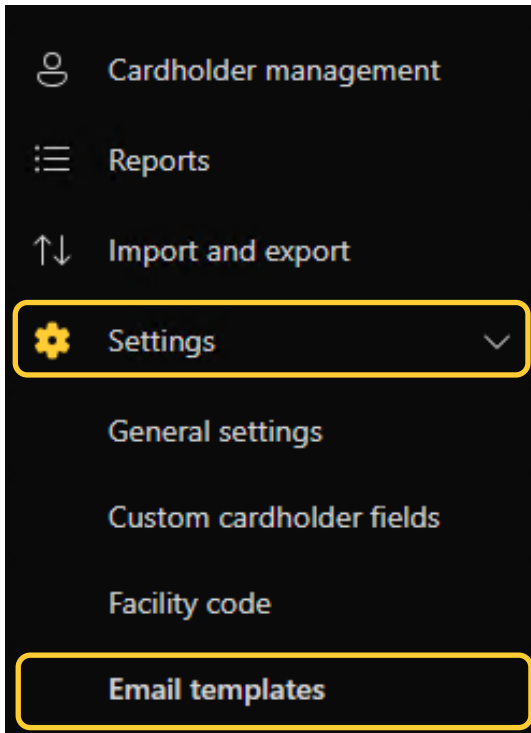

7. In the "Email templates" edit the "mobile credential" template, here you can adjust the default email sent. And click "Update"

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.
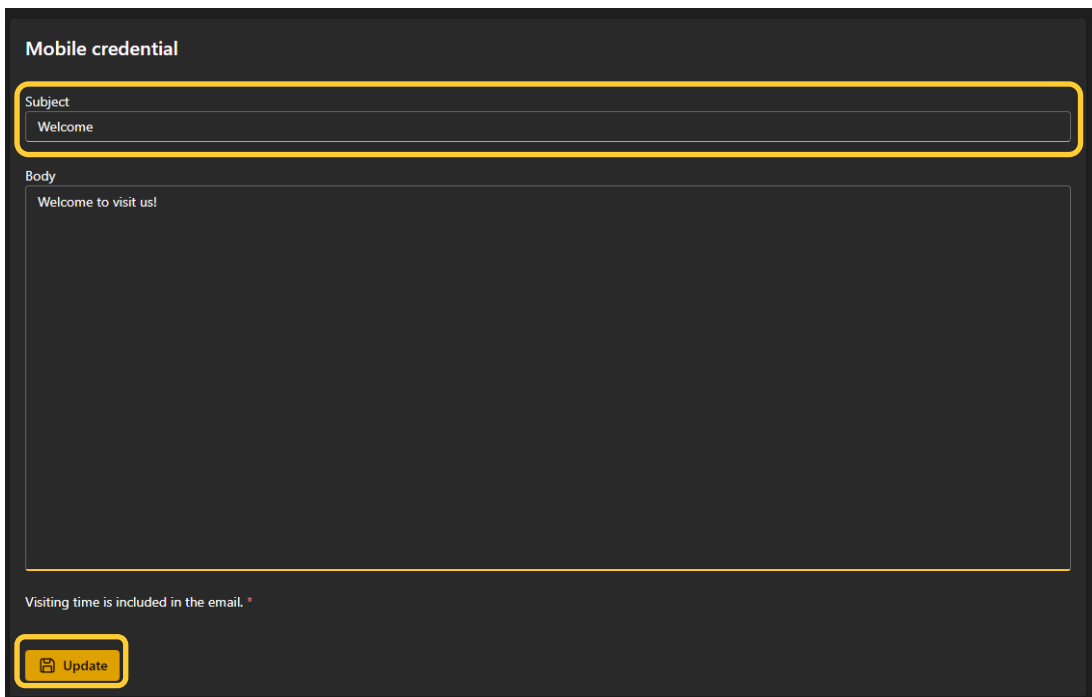
8. Alternatively if you wish to enroll the cardholder directly, this can be done via a PIN, highlight the cardholder and select "Credentials" then "Display pairing PIN".
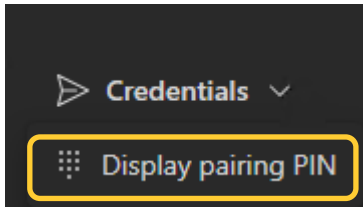
9. In the popup note the PIN provided and click "Start enrolment"
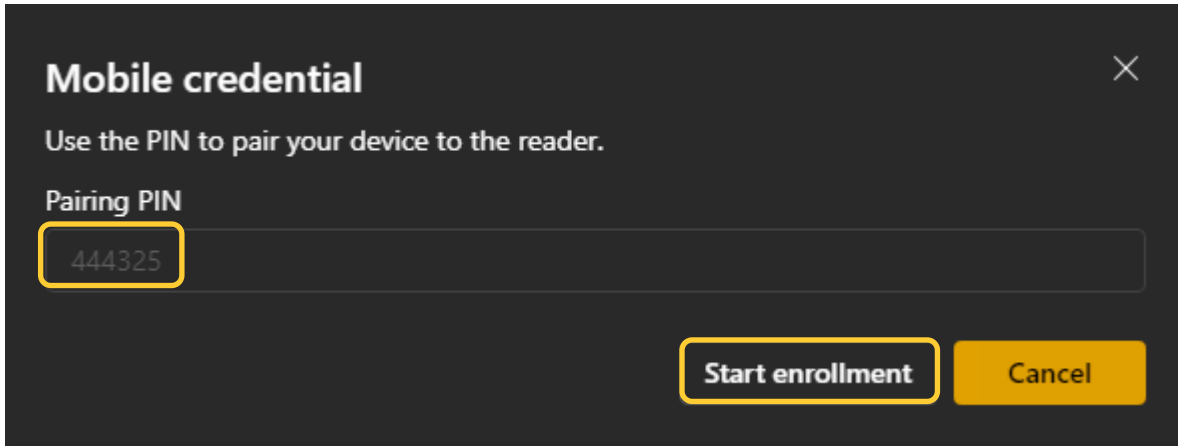
10. Once the cardholder has been created and enrolled, next we need to make sure they are added to the correct group (and) or access rule

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

Step 8 – Using AXIS Mobile Credential

**How to use the AXIS Mobile Credential**
To use the Bluetooth credential, the AXIS Mobile Credential app is required.
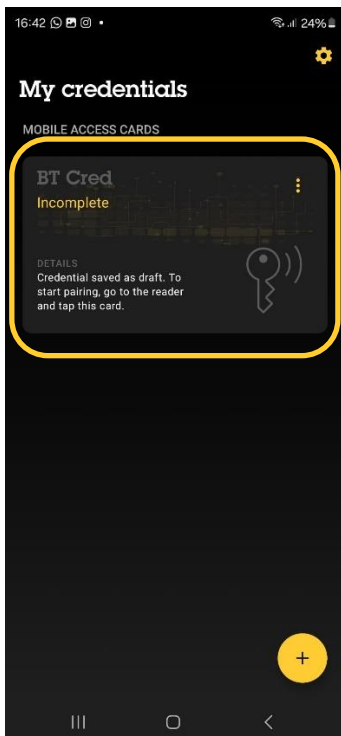
Follow these steps to configure:

1. Open the email you received from the company and follow the steps in the email.

2. First you will be required to download the app from either play store (android) or app store (apple).

3. Once installed go back to the email and click on the credential link, this will automatically open to the installed app.

4. Alternatively, this can direct you to a page on "AXIS.com" to copy your code manually. Then open the app and pair it with Link.
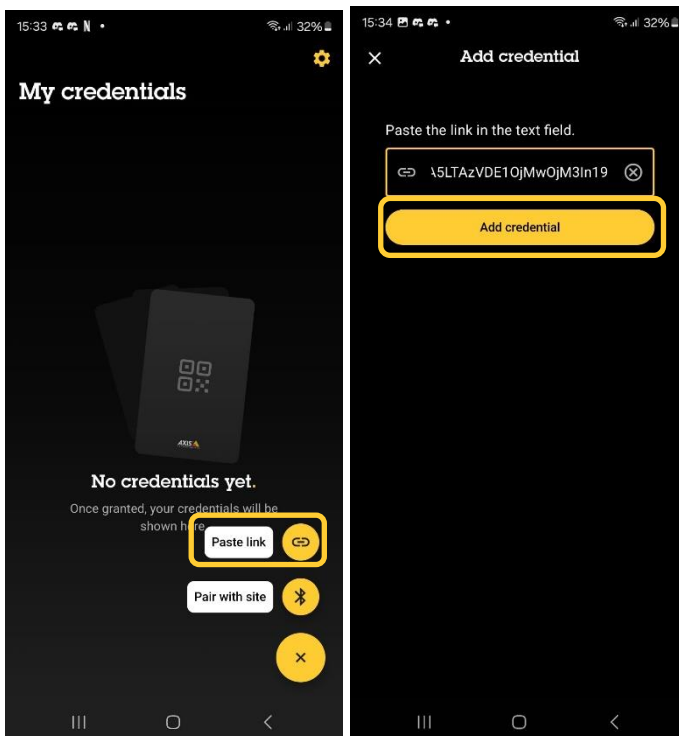
5. Next provide a name to the credential, if you have chosen to pair with PIN, also provide the PIN given from the cardholder enrollment screen. And click "Pair".
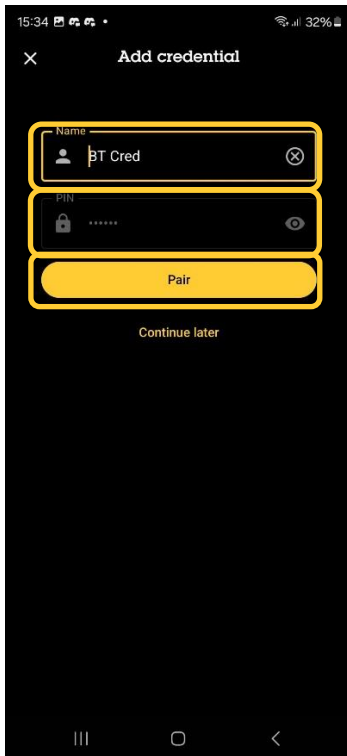
6. If you are not at the enrollment reader or wish to enroll later, you can click "Continue later" this will save the credential and can be paired by tapping the card when at the enrollment reader.

How To.

Configure AXIS A4612 Network Bluetooth Reader and
Mobile Credentials in AXIS Camera Station Secure Entry.

7. You will then be presented with a "Pairing successful" screen, click "Done" this will show your credential as a card and ready to be used.
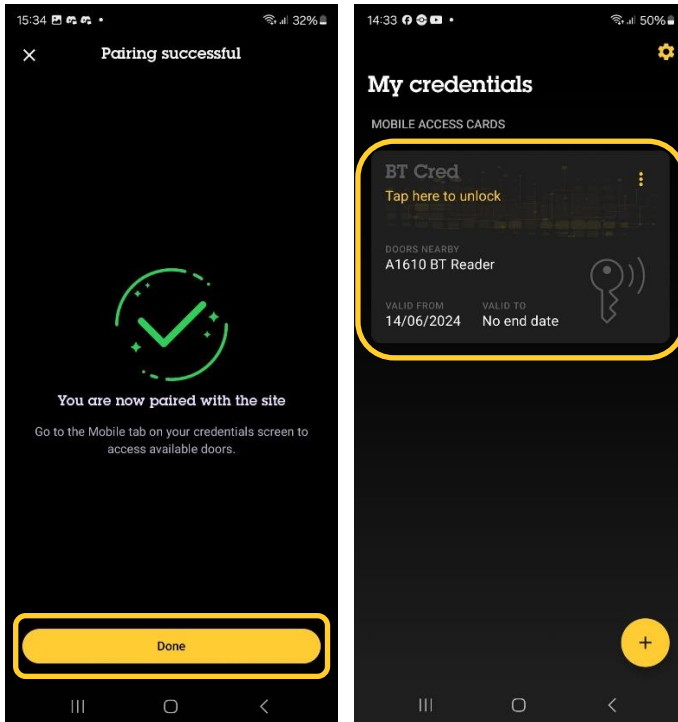
NOTE

If using "touch" the phone must be moving, or an error may occur

Considerations and limitations

1. The use of AXIS Door Controllers requires HTTPS to be enabled.

2. To be able to send the Bluetooth credential, SMTP must be configured in AXIS Camera Station.

3. To be able to use the Bluetooth credential, the receiver is required to download the AXIS Mobile Credential App.

4. To enroll Bluetooth credentials, at least one reader must be in pairing mode.