

Quick-Start Secure Entry access control for Milestone XProtect®

AXIS Secure Entry for XProtect

September 2025



Contents

Introduction	3
Step 1 – Installing	3
Step 2 – Adding/updating & setting up devices	5
To add devices	5
Step 3 – Creating Doors	7
To create doors	7
Step 4 – Creating zones	9
To create zones	9
Step 5 – Creating cardholders	11
To create cardholders	11
Step 6 – Creating groups	13
To create Groups	13
Step 7 – Creating access rules	14
To create access rules	14
Step 8 – Creating access control system integration	16
To create the access control system integration	16
Considerations and limitations	19

Introduction

AXIS Secure Entry for XProtect is a solution that unites physical access control with video surveillance. This integration lets you configure a complete Axis access control system directly from the XProtect Management client. The system is also seamlessly integrated with XProtect Smart Client, allowing operators to monitor access and perform access control actions. For more information about access control integration in XProtect, see using access control in XProtect Smart Client.

Prerequisites

Milestone XProtect 2024 R1 or higher

AXIS Optimizer version 5.6

AXIS Network Door Controller FW 12.5.68.1

NOTE

This guide requires that you have already installed Milestone XProtect with the required licenses. If you require a guide for this please visit Milestone support guides.

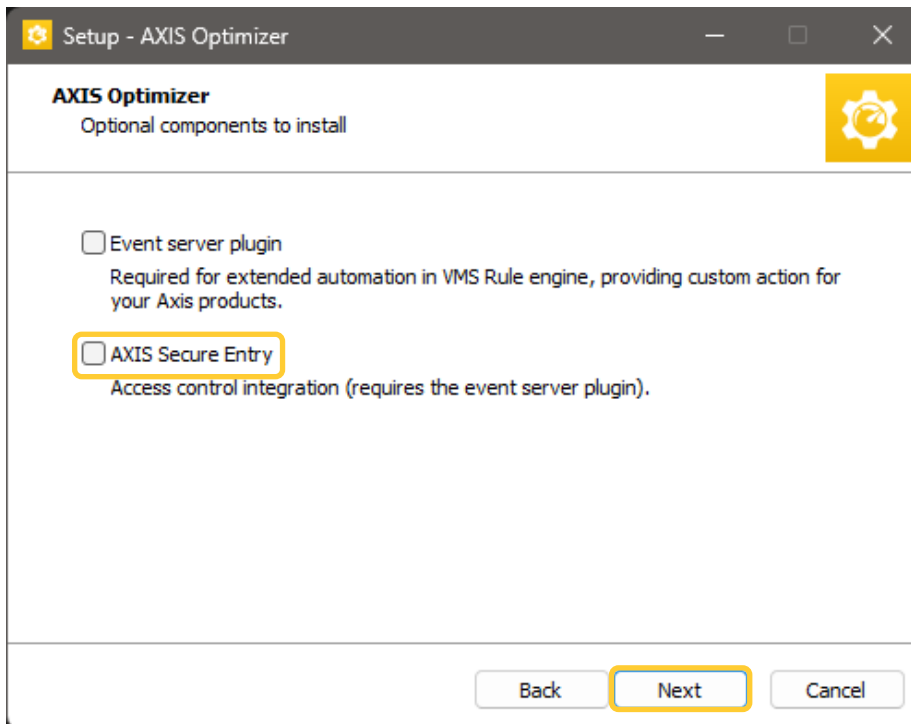
Please note that Axis doesn't take any responsibility for how this configuration may affect your system. If the modification fails or if you get other unexpected results, you may have to restore the settings to default.

Step 1 – Installing

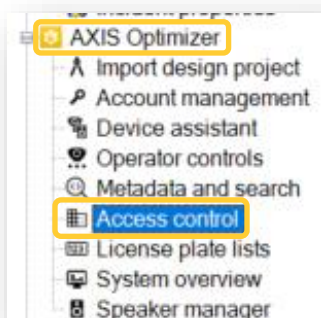
This step will guide you on installing Secure Entry Access control via the optimizer installer

To install

1. Download the latest AXIS optimizer from axis.com.
2. Next run the exe installer file and follow the installation wizard, during this wizard you will be presented an option to install Axis Secure Entry, tick this option and continue with the installation



3. Once completed, you will have the AXIS optimizer section in your management client along with the Access control sub section.

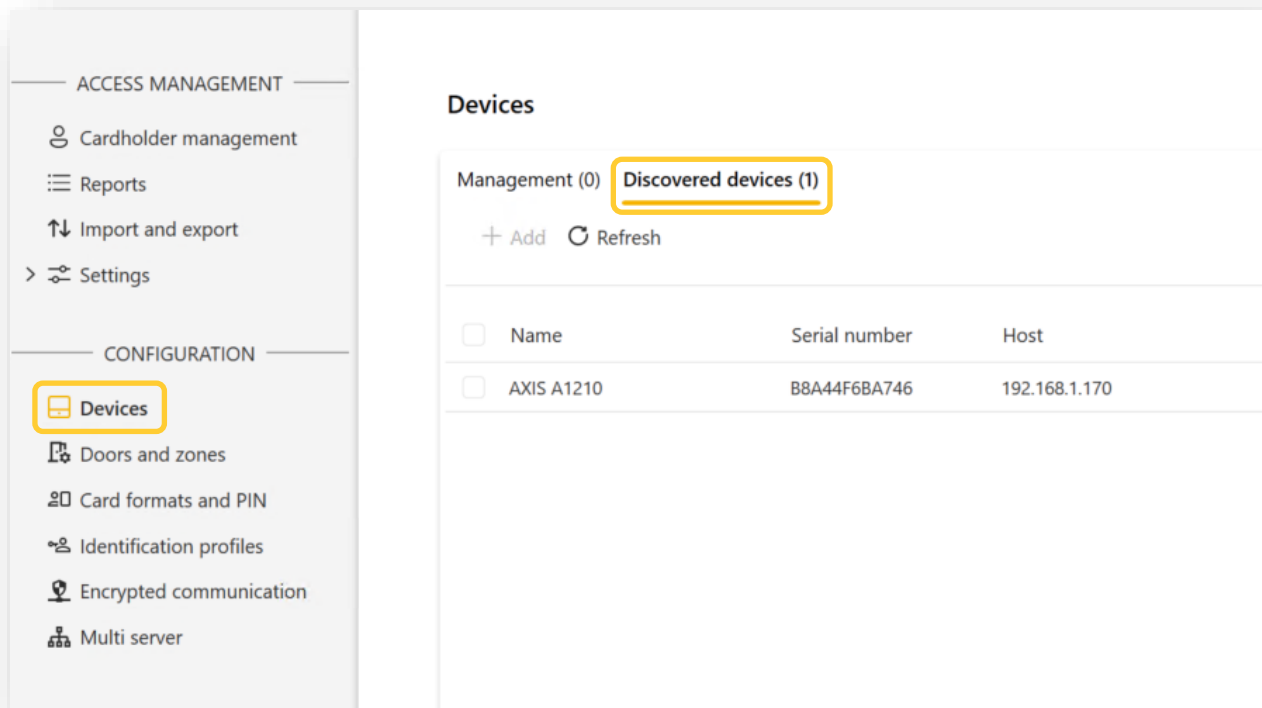


Step 2 – Adding/updating & setting up devices

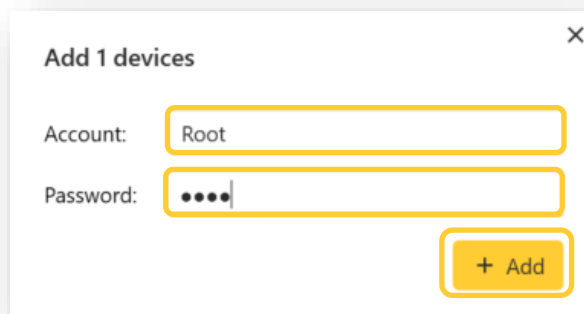
AXIS door controllers are added directly via AXIS Secure Entry access and are not added via XProtect itself.

To add devices

1. In the XProtect Management Client, expand the AXIS Optimizer menu and select Access control.
2. From the displayed screen, select “Devices” under the “CONFIGURATION” menu.
3. On the **Devices** page select the “**Discovered devices**” tab, you will see a list of all the controllers that have been discovered on your network



4. Select the devices you wish to add and press the “**+Add**” button, in the popup provide the credentials for the devices.



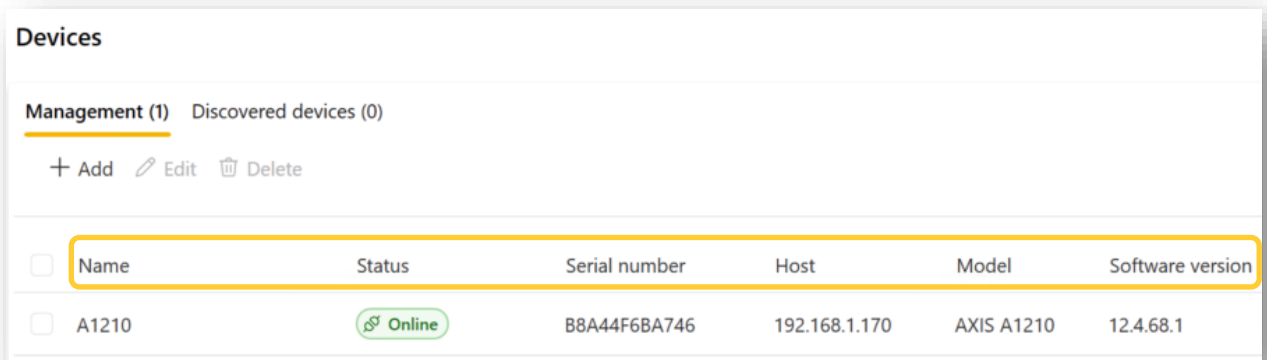
Add 1 devices [X]

Account:

Password:

+ Add

5. These devices will now appear under the management tab, This will display the name, status, serial number, IP address, Model and software version.



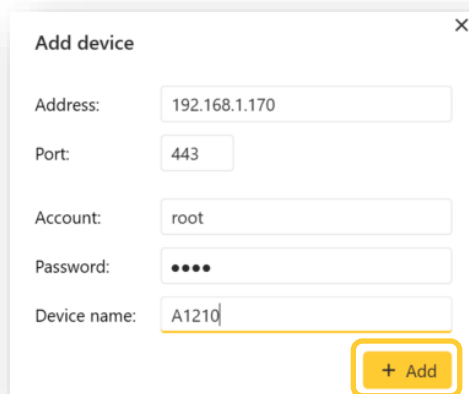
Devices

Management (1) Discovered devices (0)

+ Add **Edit** **Delete**

☐	Name	Status	Serial number	Host	Model	Software version
☐	A1210	Online	B8A44F6BA746	192.168.1.170	AXIS A1210	12.4.68.1

6. If your device was not discovered, you can manually add your device via the “**+Add**” in the management tab and provide the details in the pop-up.



Add device [X]

Address:

Port:

Account:

Password:

Device name:

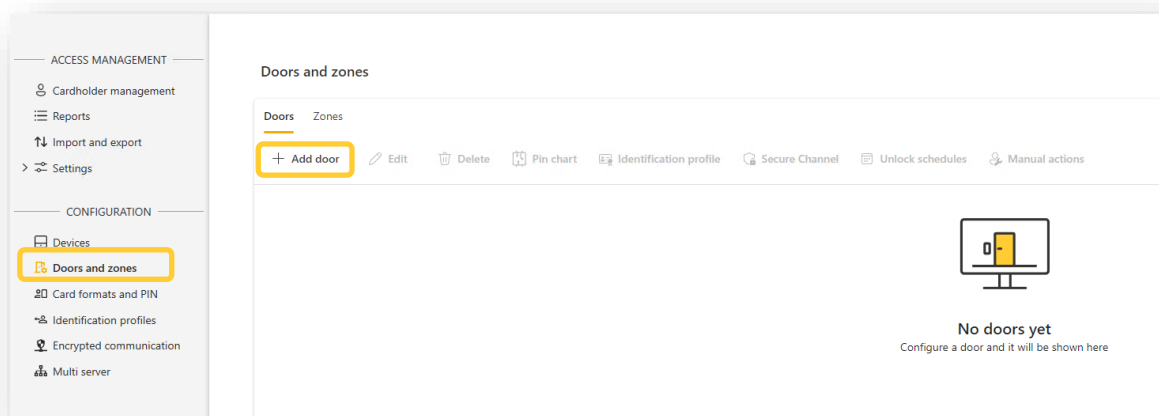
+ Add

Step 3 – Creating Doors

This step shows you how to create doors.

To create doors

1. In the XProtect Management Client, expand the AXIS Optimizer menu and select Access control.
2. From the displayed screen, select “**Doors and zones**” under the “**CONFIGURATION**” menu.



3. Click the “**+Add door**” button, in the pop-up give the door an appropriate name, select the door type and which device this door will be created on and select “**Next**”.

The screenshot shows a 'New door' pop-up form. The form has a title 'New door' and a subtitle 'Create a new door configuration.' Below the subtitle, there are three fields: 'Name' with the value 'Main Entrance', 'Type' with the value 'Door', and 'Device' with the value 'A1210: 192.168.1.170'. At the bottom of the form, there are two buttons: 'Next' and 'Cancel'. The 'Next' button is highlighted with a yellow box.

- This will take you to the door configuration page, here you can add your peripherals such as readers, REX and door position sensors. For more information on what can be configured, please see the AXIS Secure Entry for XProtect user manual.

Save Cancel Copy configuration Security level

Doors > New door

Overview Door settings ⓘ

Device	IP address	Type	Security levels	Unlock schedules
A1210	192.168.1.170	Door	-	-

Name
Main Entrance

Identification profile
Card

Sensors
+ Add Edit Remove

Side A
+ Add Edit Remove
☐ OSDP reader

Side B
+ Add Edit Remove
☐ REX device

- Once you have configured your door, ensure to set the correct identification profile and click save.

Save Cancel Copy configuration Security level

Doors > New door

Overview Door settings ⓘ

Device	IP address	Type	Security levels	Unlock schedules
A1210	192.168.1.170	Door	-	-

Name
Main Entrance

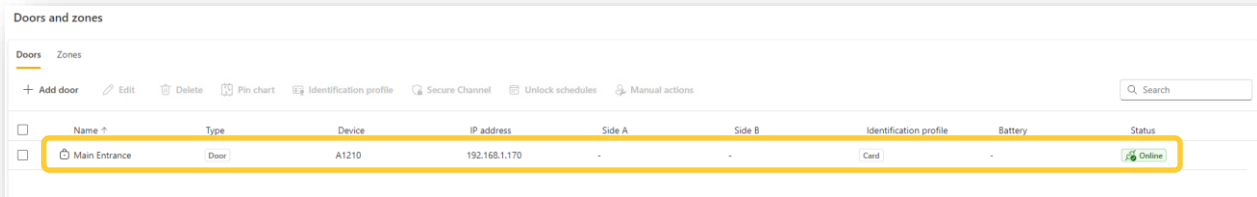
Identification profile
Card

Sensors
+ Add Edit Remove

Side A
+ Add Edit Remove
☐ OSDP reader

Side B
+ Add Edit Remove
☐ REX device

6. Your configured door is now displayed in the doors and zones table, repeat this process for your remaining doors that need to be configured.



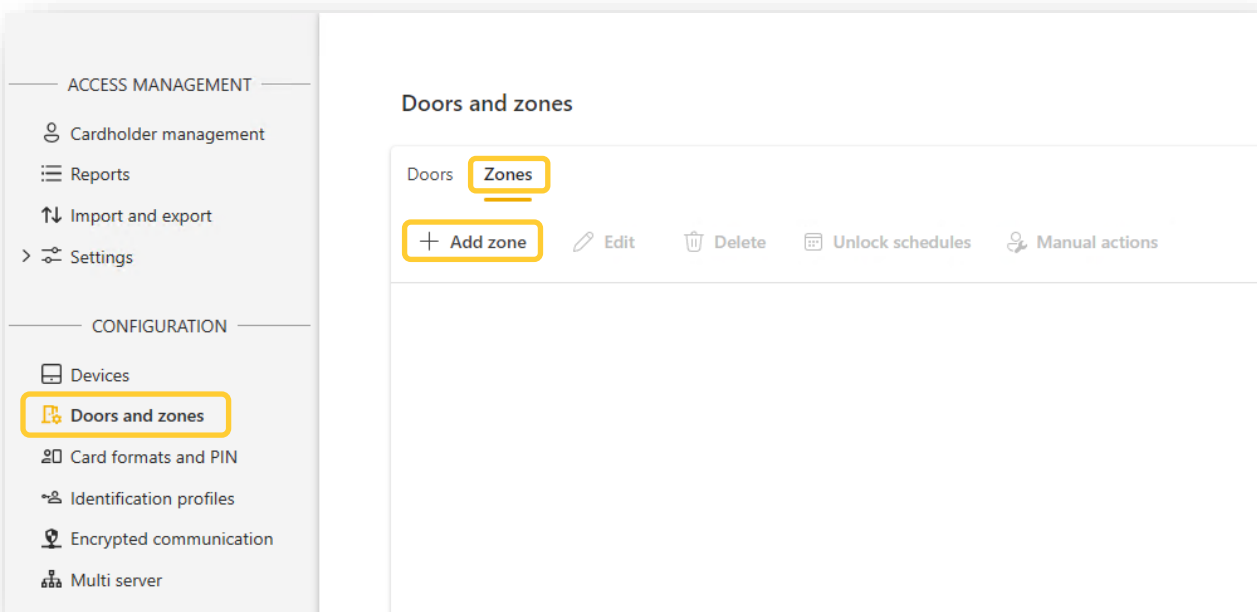
	Name	Type	Device	IP address	Side A	Side B	Identification profile	Battery	Status
☐	Main Entrance	Door	A1210	192.168.1.170	-	-	Card	-	Online

Step 4 – Creating zones

This step shows you how to create zones.

To create zones

1. In the XProtect Management Client, expand the AXIS Optimizer menu and select Access control.
2. From the displayed screen, select “**Doors and zones**” under the “**CONFIGURATION**” menu.
3. From the Doors and zones page select the “**Zones**” tab, and press “**+Add zone**”



4. In the new box give the zone a name, using the “**+Add door**” button select the doors you want in your zone and click “**Add**”.

Save Cancel Security level

Zones > New Zone

Name

Main Zone

+ Add door Remove

Add Cancel

Add

Name	Device	Side A	Side B	Address
Main Entrance	A1210	Available	Available	192.168.1.170

5. Next using the dropdown on each door choose the door usage, then finish by clicking “**Save**”. Repeat this process for any remaining zones you wish to configure.

Doors and zones

Doors Zones

+ Add zone Edit Delete Unlock schedules Manual actions

Search

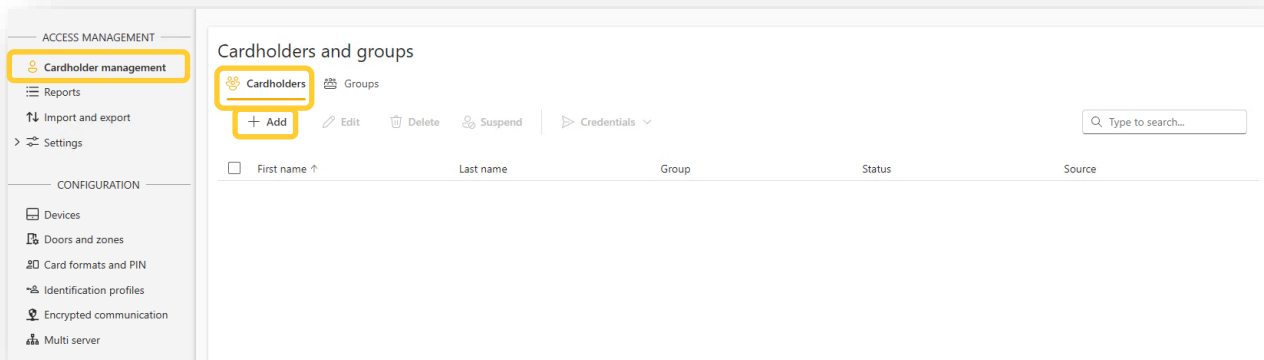
Name	Number of doors	Security level
Main Zone	1	

Step 5 – Creating cardholders

This step shows you how to create cardholders.

To create cardholders

1. In the XProtect Management Client, expand the AXIS Optimizer menu and select Access control.
2. From the displayed screen, select “**Cardholder management**” under the “**ACCESS MANAGEMENT**” menu.



3. To create a cardholder, click the “**+Add**”, in the pop-up enter the “**First name**” and “**Last name**” of the cardholder, then press “**Next**”.

A screenshot of a 'New cardholder' pop-up form. It has a title bar with a close button. The form contains two text input fields: 'First name' with the value 'Ashley' and 'Last name' with the value 'Rios'. Both fields are highlighted with yellow boxes. At the bottom right, there are two buttons: 'Next' (highlighted with a yellow box) and 'Cancel'.

- On the next page you can provide additional info such as an cardholder photo or email address, you can add the cardholder to a group or access rule if you already have one created.

The screenshot shows the 'Cardholder management' interface. On the left is a sidebar with 'ACCESS MANAGEMENT' (Cardholder management, Reports, Import and export, Settings) and 'CONFIGURATION' (Devices, Doors and zones, Card formats and PIN, Identification profiles, Encrypted communication, Multi server). The main area shows the profile for 'Ashley Rios'. At the top are 'Save' and 'Cancel' buttons. Below is a breadcrumb 'Cardholders and groups > Ashley Rios'. A cardholder picture placeholder is shown with a 'Cardholder picture' dropdown. Below are tabs for 'General' and 'Advanced'. The 'General' tab contains fields for 'First name' (Ashley), 'Last name' (Rios), 'Email' (ashley.rios@axis.com), 'Groups' (Select groups), and 'Access rules' (Select access rules).

- In the next box, you can click “**+Add**” to choose between the different credential types. Once you have added your credentials, you can save the cardholder. Repeat this process you all needed cardholders.

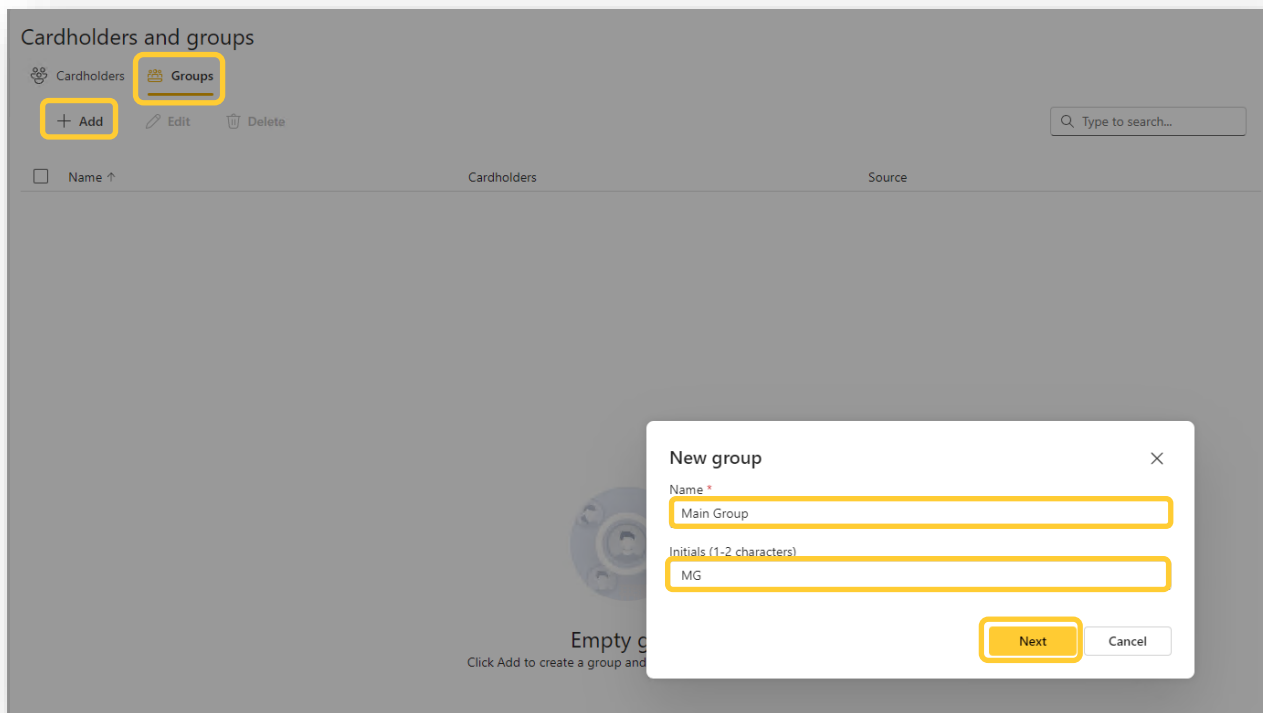
The screenshot shows the 'Credentials' dialog box. At the top are buttons for '+ Add', 'Edit', 'Delete', and 'Suspend'. Below the '+ Add' button is a dropdown menu with the following options: 'Qr-code', 'PIN', 'Mobile credential', 'Card', and 'License plate'. The dialog also has columns for 'Status' and 'Information'.

Step 6 – Creating groups

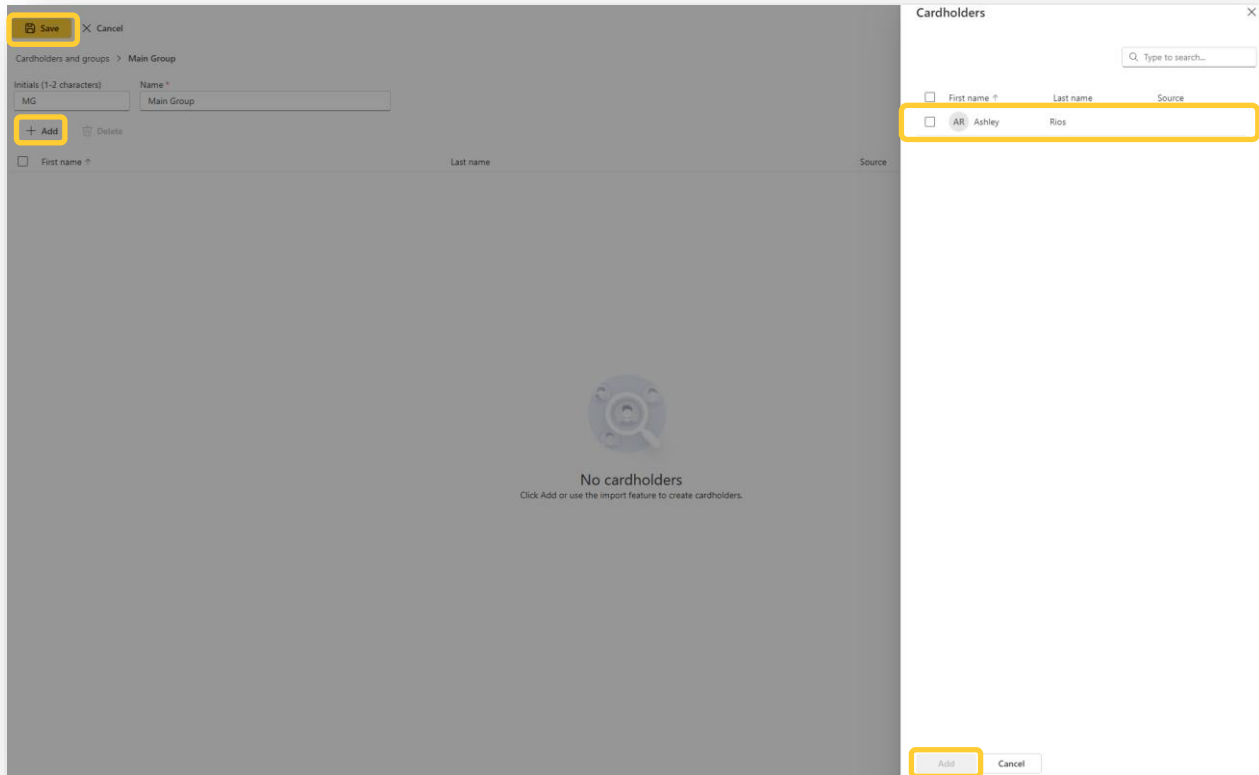
This step shows you how to create zones.

To create Groups

1. In the XProtect Management Client, expand the AXIS Optimizer menu and select Access control.
2. From the displayed screen, select “**Cardholder management**” under the “**ACCESS MANAGEMENT**” menu
3. On this page, select the tab “**Groups**” then press “**+Add**”, in the pop-up give the group a name and initials



- Next you can click the “**+Add**” button to bring up the list of cardholders, select the cardholders you wish to add and select “**+Add**”. Once completed, press “**Save**”, you can repeat the process for all groups you wish to create. These groups will also become a resource to be selected when creating cardholders.



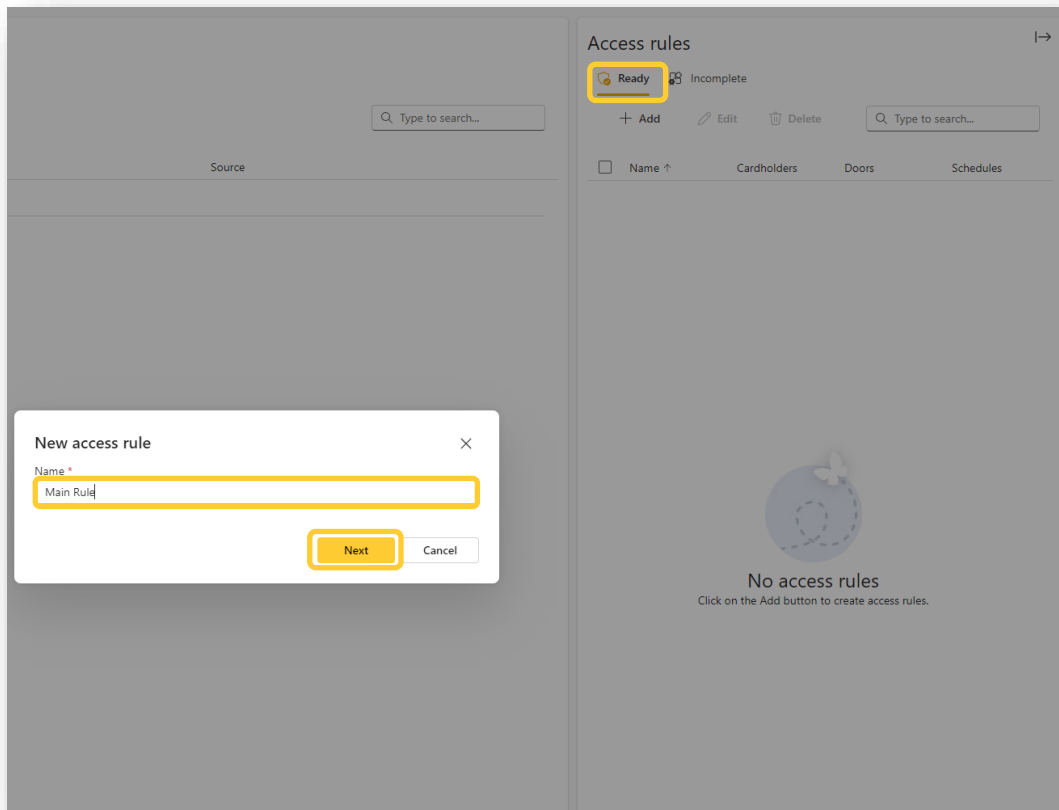
Step 7 – Creating access rules

This step shows you how to create access rules.

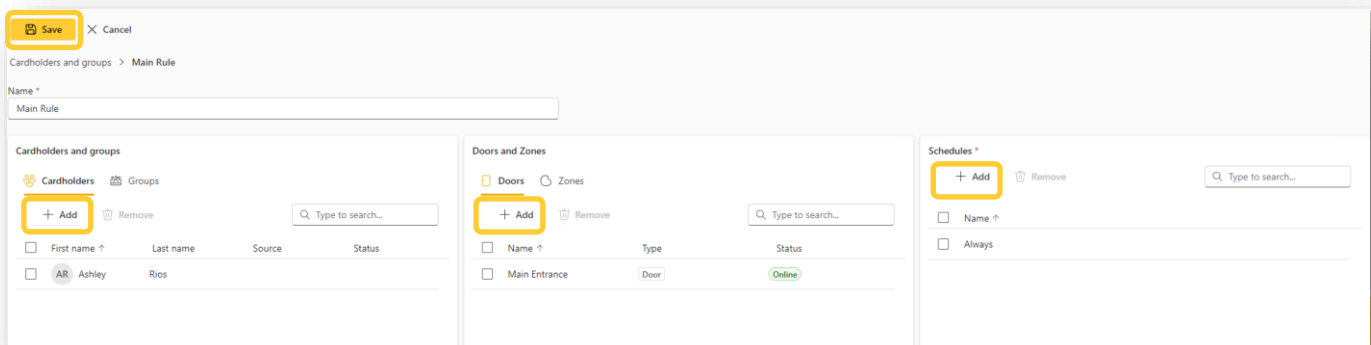
To create access rules

- In the XProtect Management Client, expand the AXIS Optimizer menu and select Access control.
- From the displayed screen, select “**Cardholder management**” under the “**ACCESS MANAGEMENT**” menu

- From this page you can click the “**+Add**” button in the Access rule section, in the pop-up give this rule a name and press “**Next**”



- From this page you can add your cardholders, either individually or add via groups, you can select your door individually or via zones, and select you schedule this access rule should follow, and click “**Save**”. You are not required to add cardholder and Zones directly, but a schedule must be selected. If no cardholder or door is added the rule will go to the “Incomplete” tab.

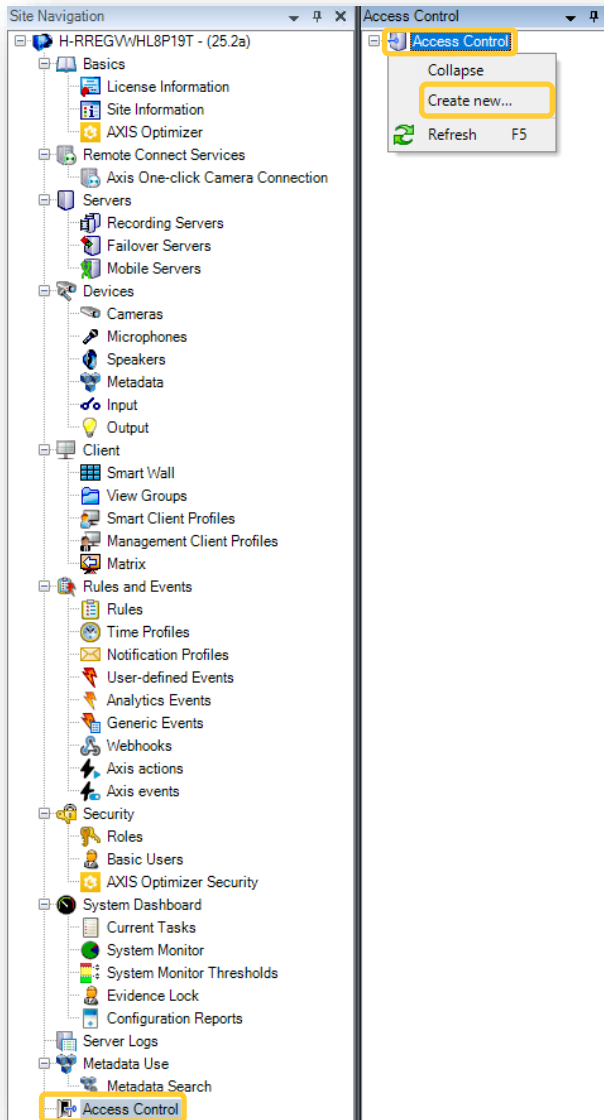


Step 8 – Creating access control system integration

This step shows you how to create the access control system integration.

To create the access control system integration

1. In the XProtect Management Client, select **Access Control**, in the sub menu right-click on **Access Control** and select **Create new**.



2. In the pop-up give the integration a name and select “**AXIS Secure Entry**” in the Integration plug-in dropdown, then select “**Next**”

Create Access Control System Integration

Create access control system integration

Name the access control system integration, select the integration plug-in and enter the connection details.

Name:

Integration plug-in:

Next Cancel

3. The next menu will show what devices are going to be added from the configurations you made in the previous steps. Click “**Next**”.

Create Access Control System Integration

Connecting to the access control system...

Collecting configuration data...

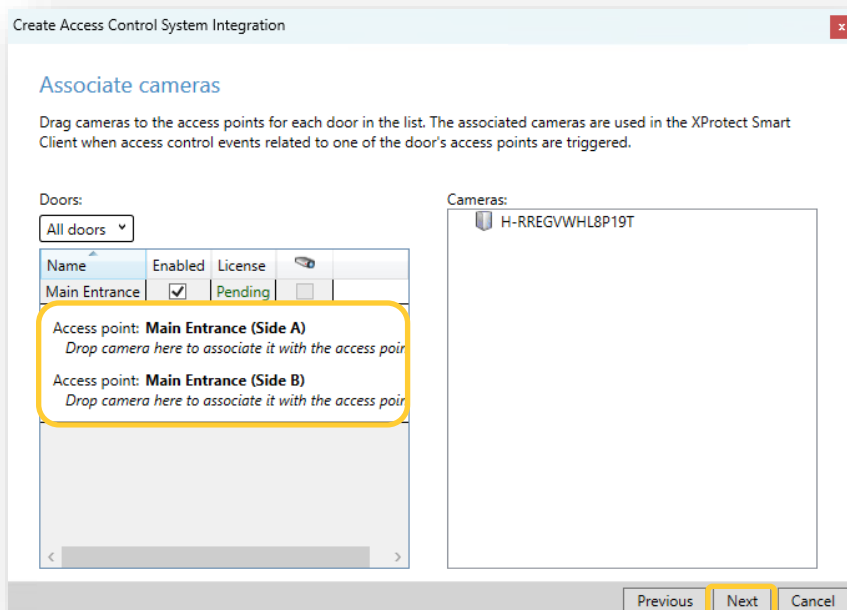
Configuration successfully received from access control system.

Added:

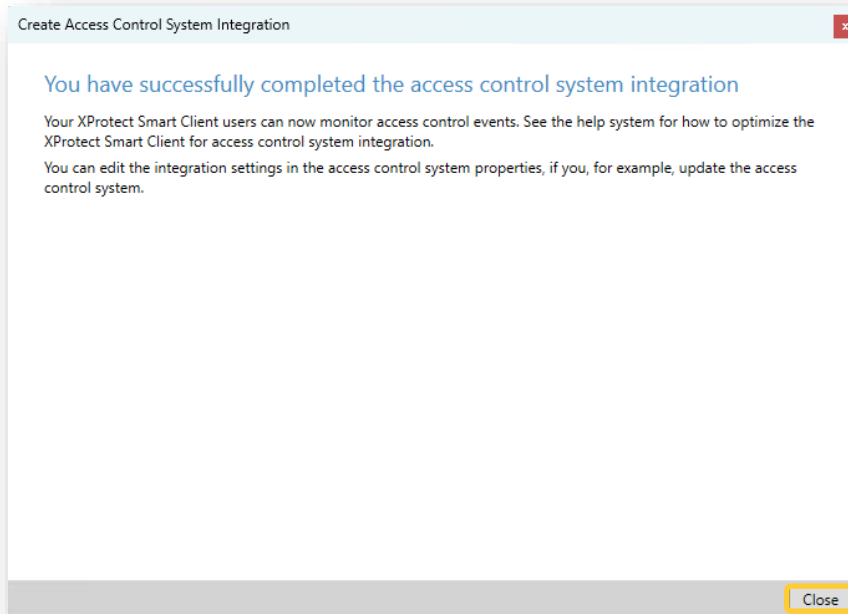
- Doors (1)
- Units (4)
- Servers (1)
- Events (44)
- Commands (6)
- States (11)

Previous Next Cancel

4. If you wish to pair any camera views with the doors this can be done by dragging the camera to the access point on this menu. Once you have paired any cameras you wish, press **“Next”**.



5. You have now completed the integration and can close the dialog box via the **“Close”** button. Your integration will now allow you to monitor related access control events in the XProtect Smart Client.



Considerations and limitations

1. Some AXIS Secure Entry for XProtect features, such as QR credentials or Active Directory, are not currently supported in this version but are planned to be added.
2. Changes to the hardware configuration for access control require a “Refresh Configuration” from the Metadata Use -> Access Control to be reflected in the XProtect Smart Client monitoring.
3. An AXIS license grace period has been given for the release of this integration.