

# **ZEPCAM MANAGER INTEGRATION WITH MILESTONE XPROTECT**

July 2022

# SUMMARY

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## • PRODUCT DESCRIPTION

### Abbreviations

DS	Docking Station
ZCM	Zepcam Manager
ZC	Zepcam Cloud
MXP	Milestone XProtect
MXSC	Milestone XProtect Smart Client
MXMC	Milestone XProtect Management Client

### Version Management

Tested versions	
ZCM	2.0.2.61 (incl decryption service 60 or higher)
MXP	2021 R1, R2
Device Pack	12.1a

### Functionality

The integration between Zepcam Manager (ZCM) and Milestone XProtect (MXP) makes it possible to retrieve and view videos of Zepcam bodycams connected to ZCM. By using the Zepcam Plugin for Milestone you can view live video streams from Zepcam bodycams and retrieve recorded bodycam footage into MXP.

### Prerequisites

Before we can start configuring the integration between ZCM and MXP there are a couple of prerequisites.

- You will need to have access to ZCM with a valid license for integrations
- You will also need access to an MXP server with administrator rights and valid licenses for adding bodycams to MXP

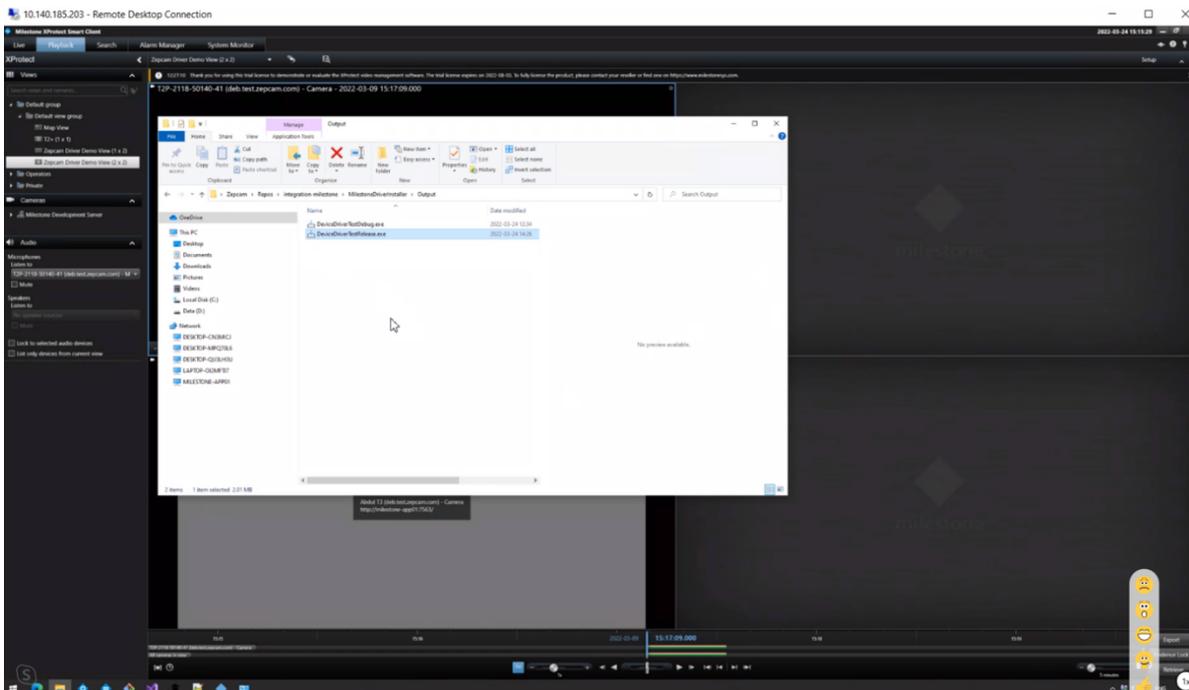
The two of these need to be able to communicate over an active internet connection, or set up in the same local network. During the setup process you will need a pc or desktop for configuring the integration.

At the end of the manual you should be able to:

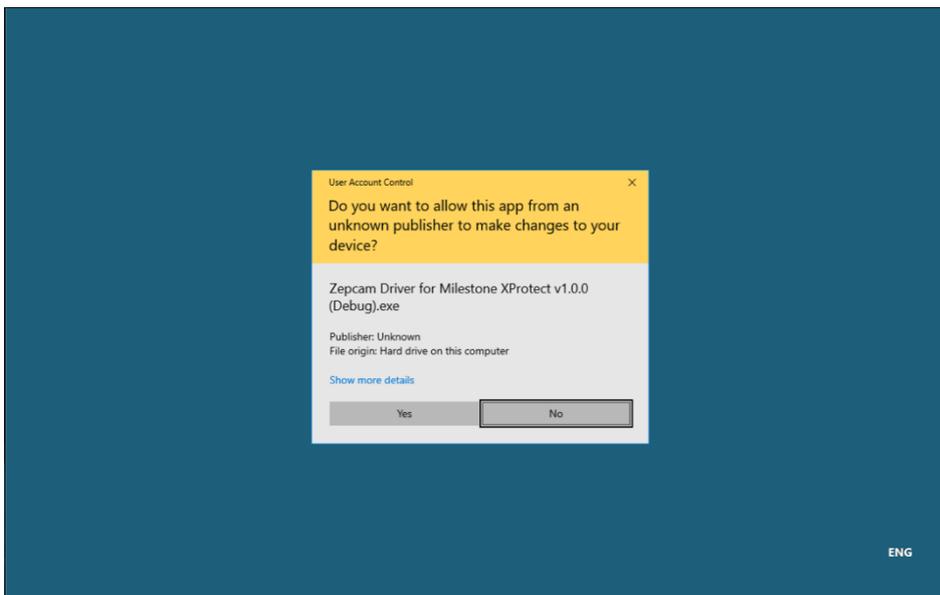
- Use Milestone to view Zepcam live streaming cameras
- Use Milestone to manually retrieve bodycam recordings from ZCM
- Use Milestone to automatically retrieve bodycam recordings from ZCM

## • SETTING UP THE INTEGRATION

- Retrieve Zepcam DeviceDriver. This driver will be supplied to you by Zepcam Support
- Open Milestone XProtect Smart Client
- Go to the folder that contains Zepcam Device Driver.EXE
- Start Zepcam Device Driver.EXE by doubling clicking



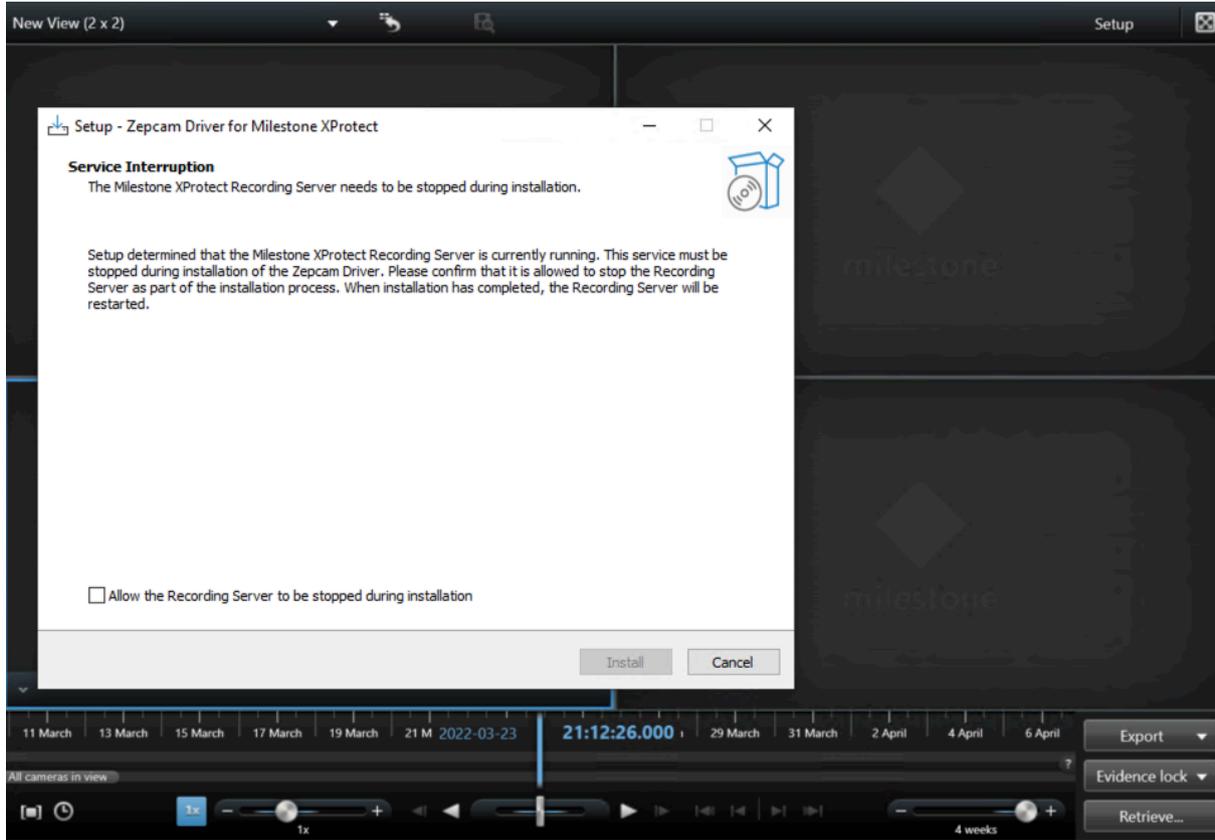
Select Yes:



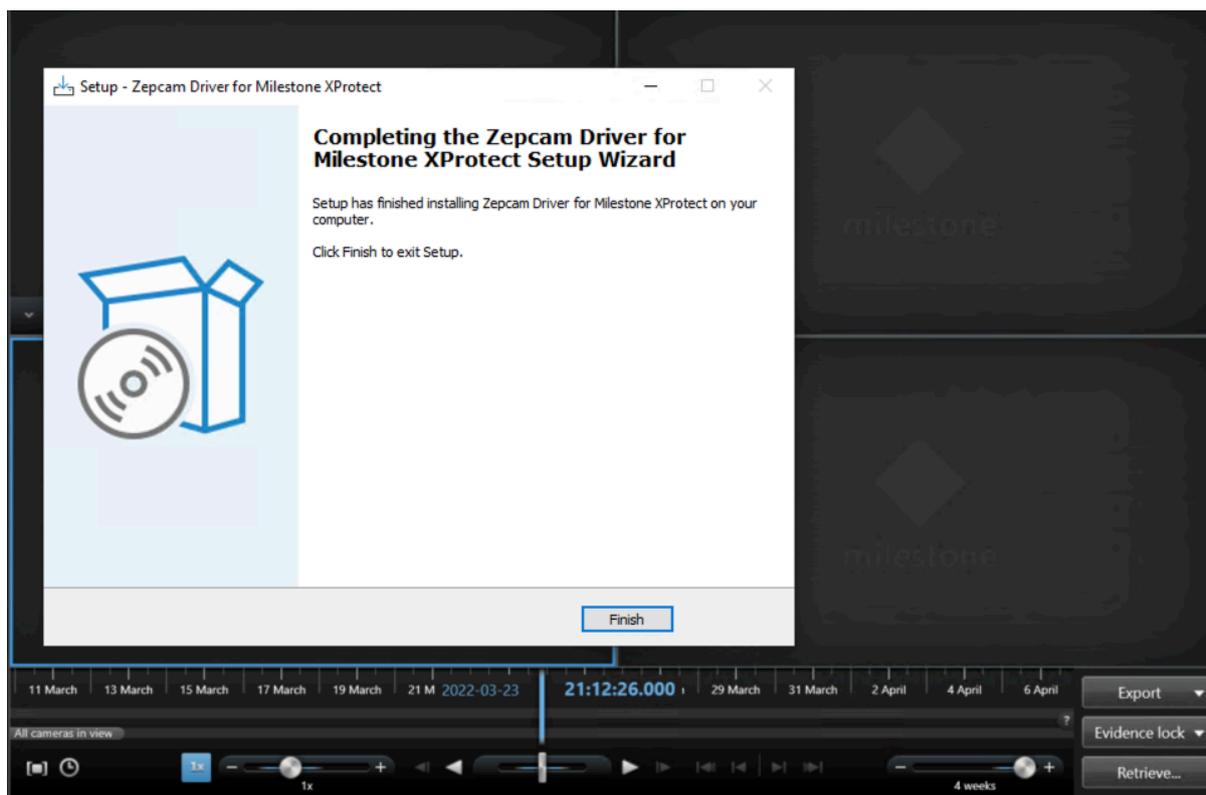
Select your preferred language.

Check the box: 'Allow the Recording Server to be stopped during installation'.

Select 'Install':

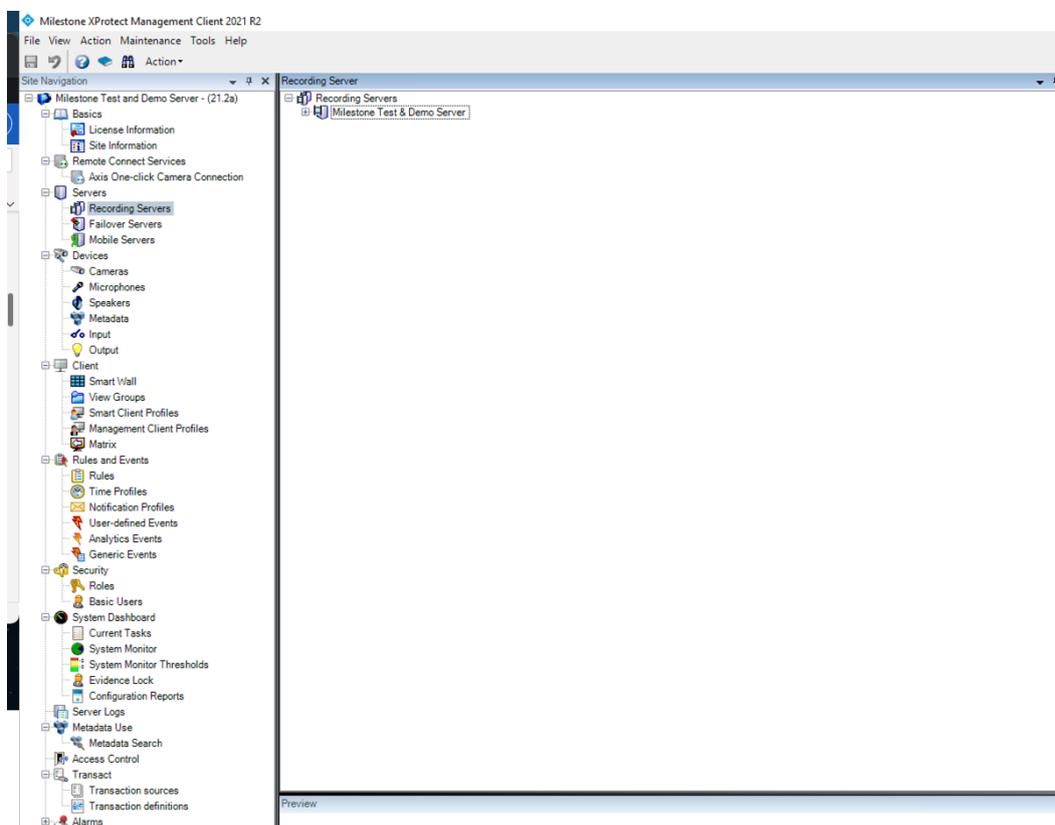


After the installation, select Finish.

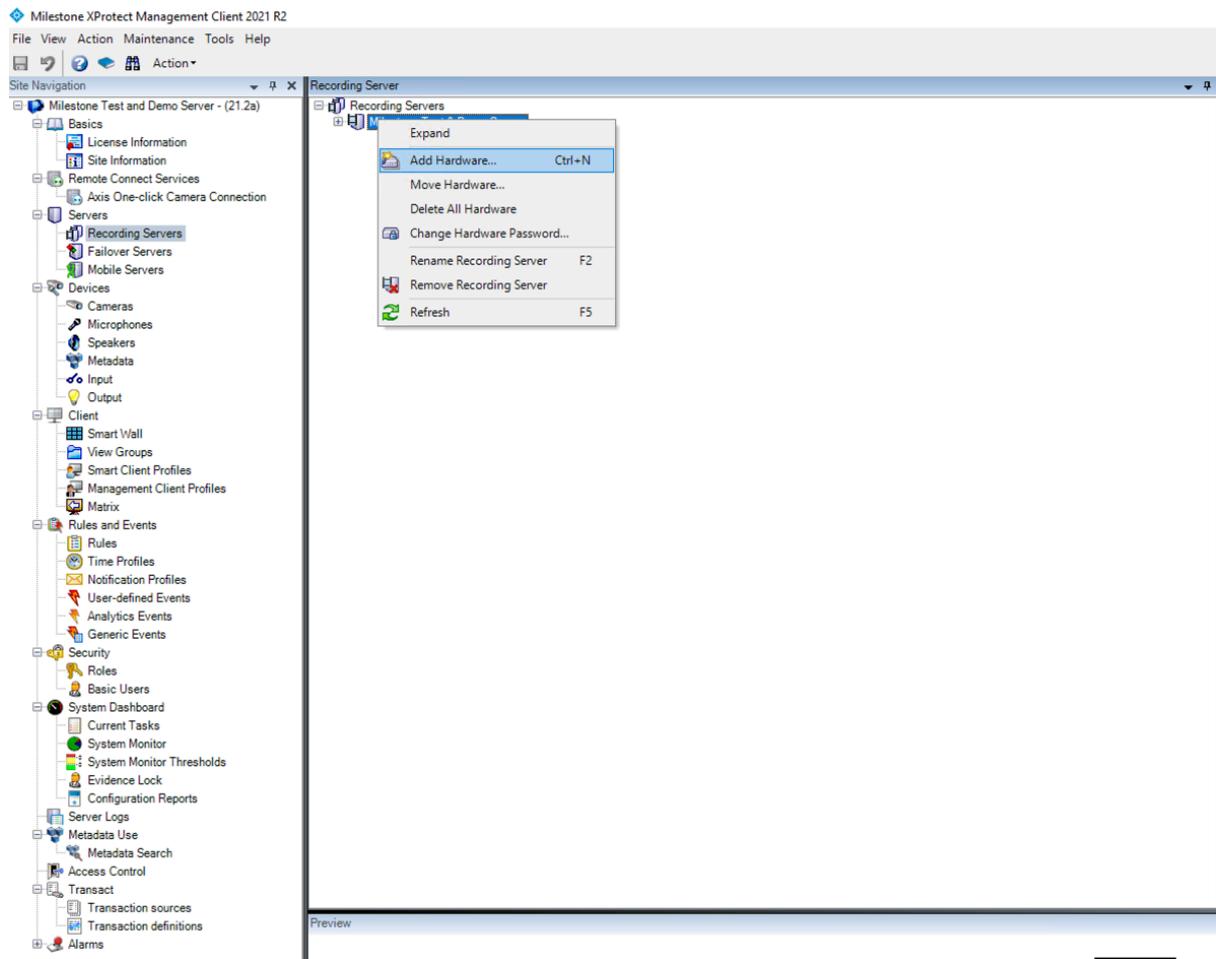


In MXMC:

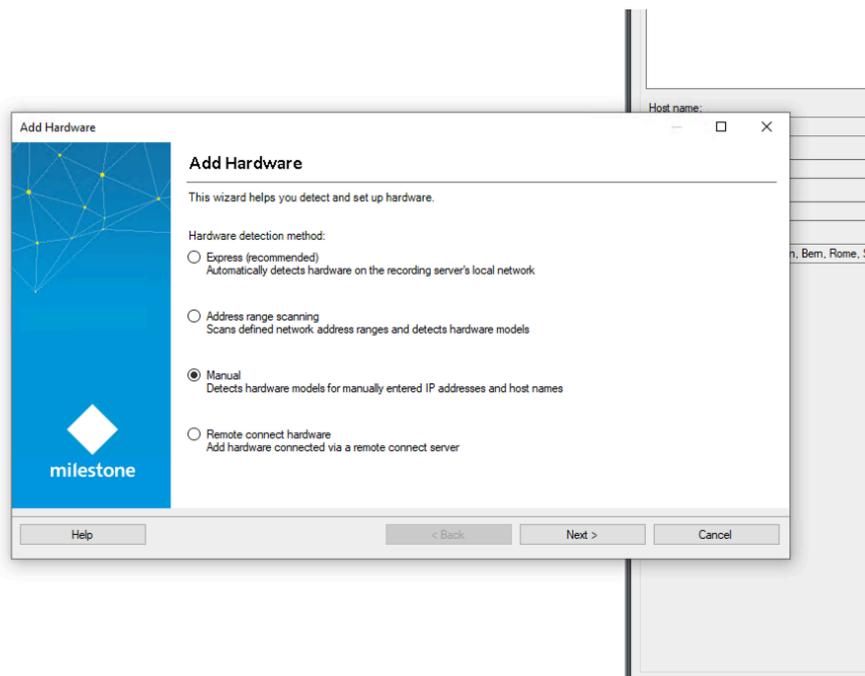
- Go to server --> Recording Servers:



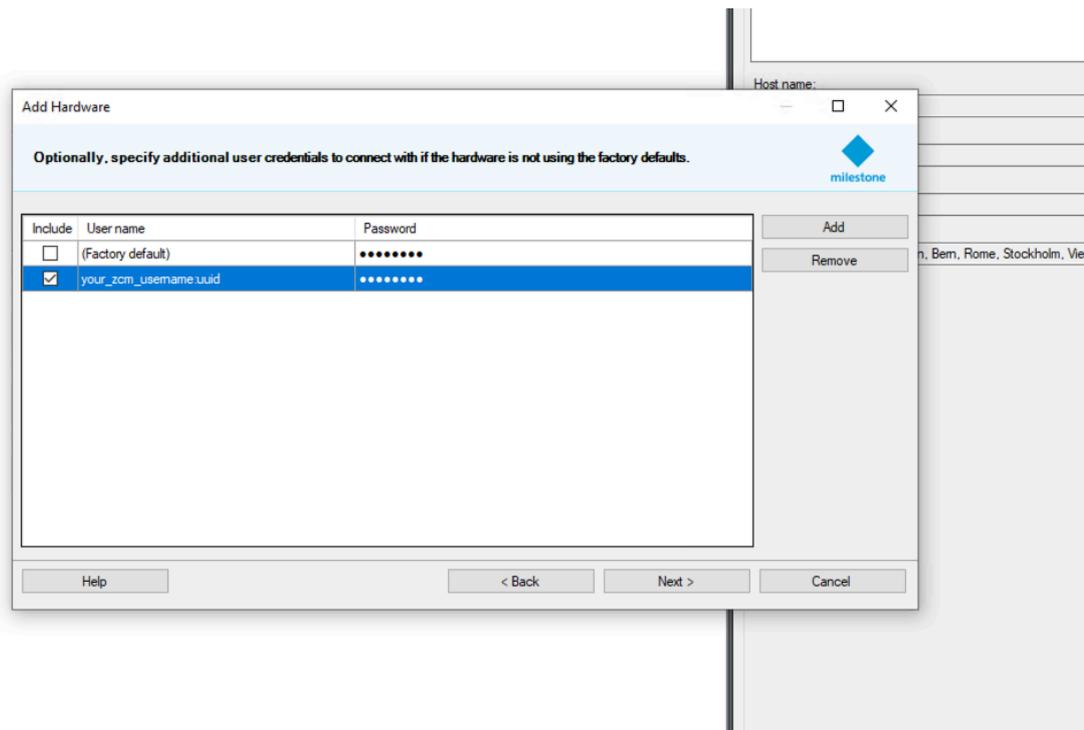
Right click on Server and press 'Add Hardware':



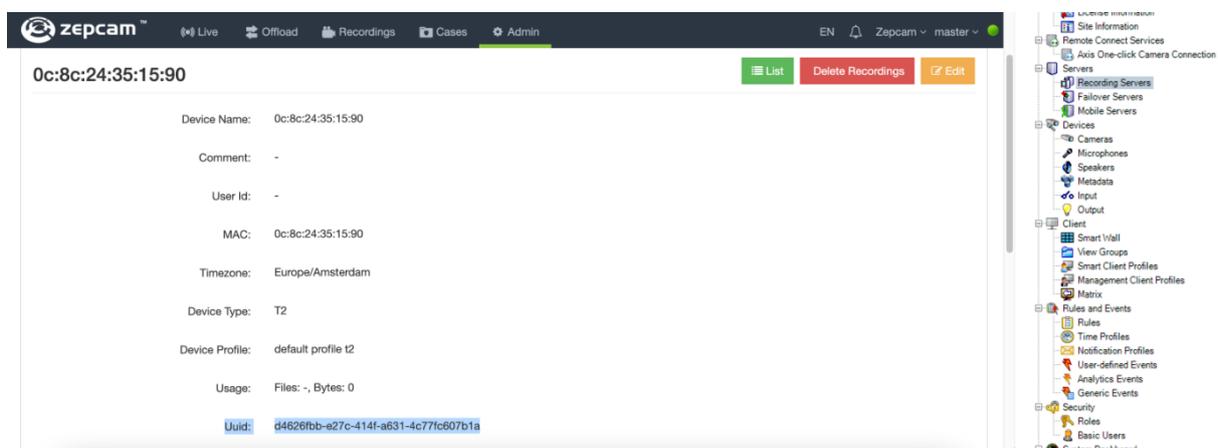
Select 'Manual':



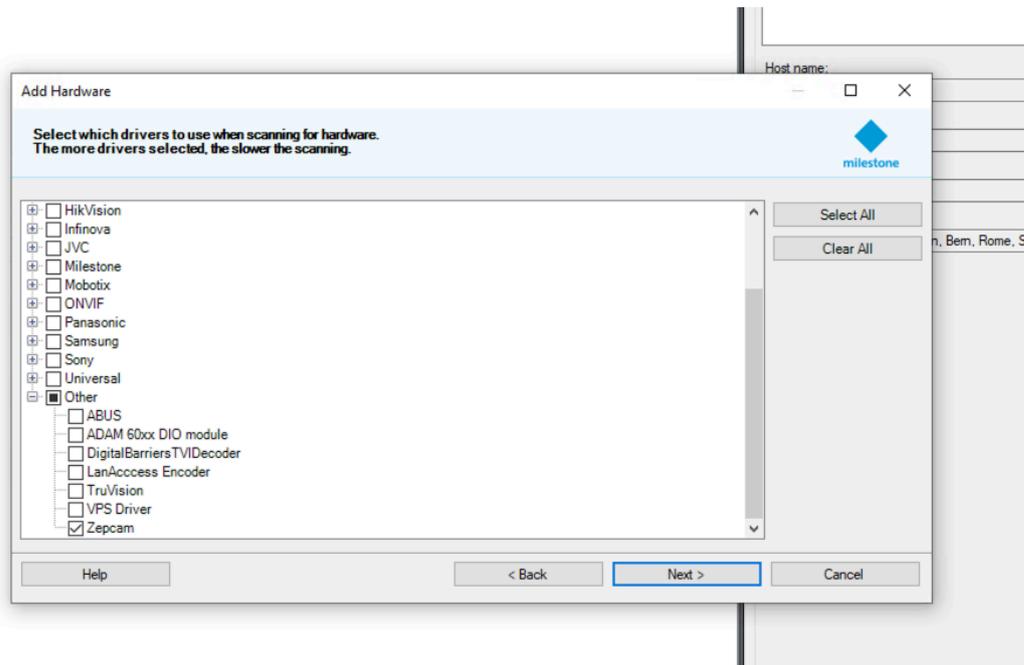
Press 'Next':



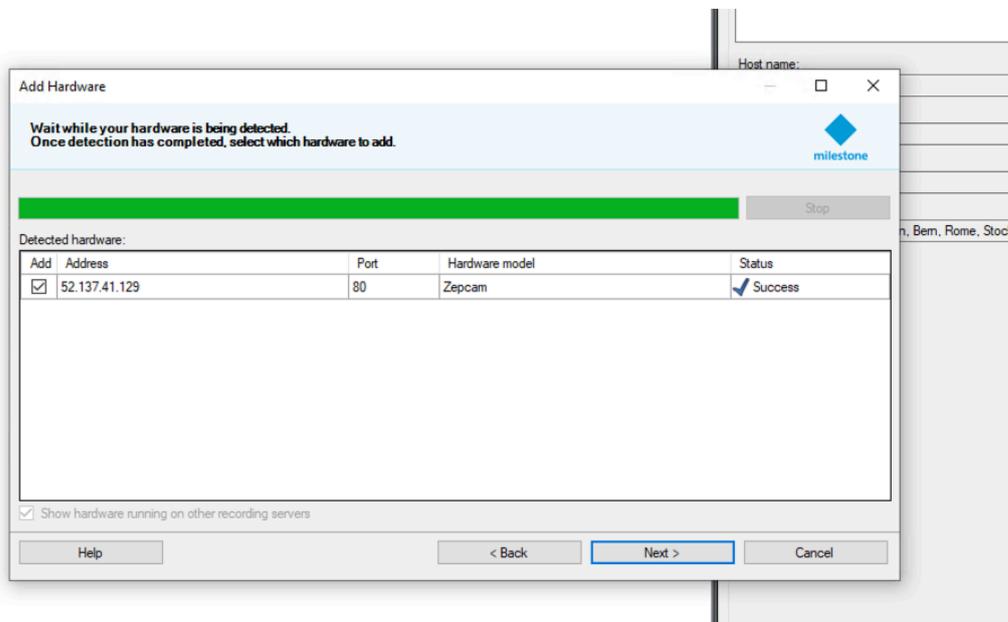
- In Username field add: your ZCM Email address + UUID of bodycam.
  - Use this format: name@mail.com:UUID
  - The ZCM email address is the address that you use to login to ZCM
  - Find the UUID in ZCM under 'Admin' -> 'Devices' -> 'Camera Devices' -> Select a camera and click 'Show' -> 'Uuid'
- In Password field add: password
  - This is the password that you use to login to ZCM
- Do this for every bodycam that needs to be integrated
- When ready select 'Next': (make sure you only include 1 bodycam)



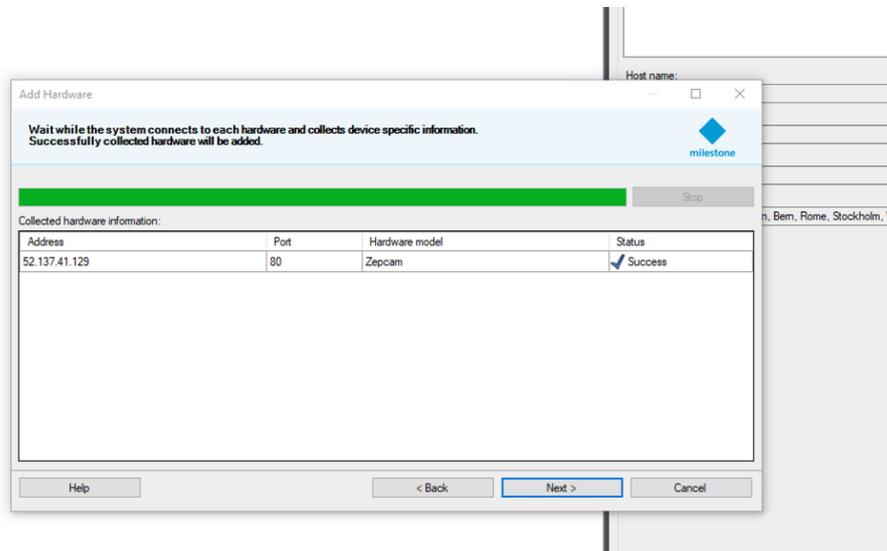
- Select driver for the added hardware. This should be Zepcam (under Other)
- Select Next:



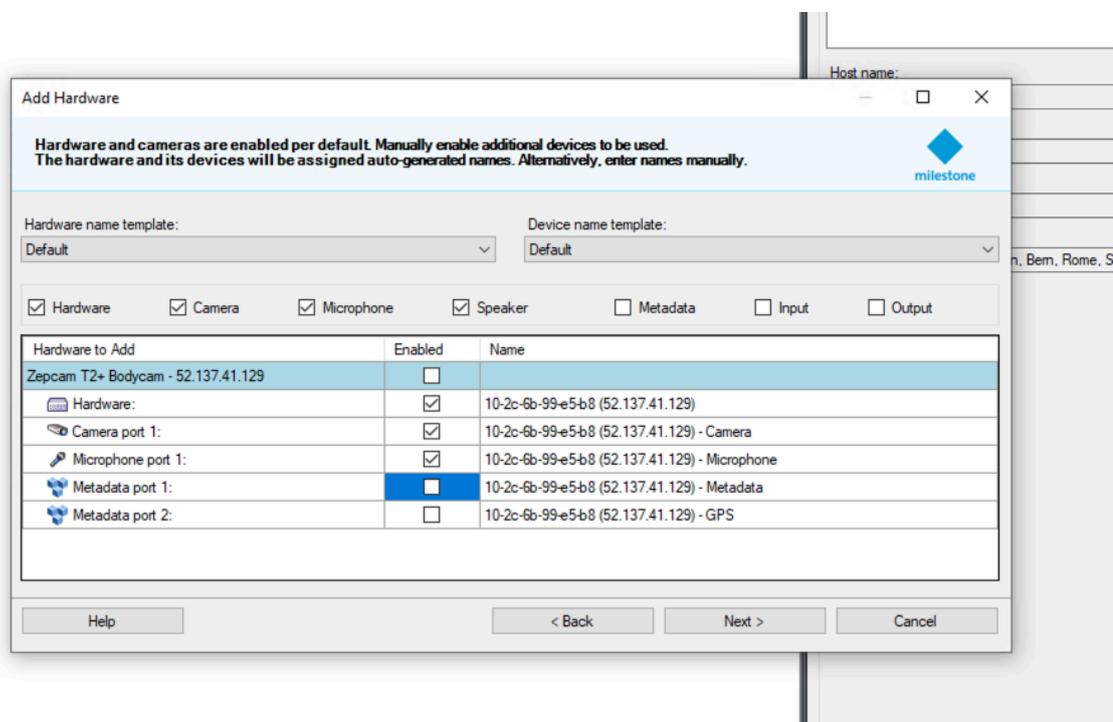
- Enter network/web address and port of the ZCM server
- Network address can be found in the address bar, this could be an IP address or URL (in case of HTTPS, tick box 'Use HTTPS'.)
- Select 'Zepcam' under Hardware Model
- Select Next:



- The selected bodycams are now being detected and will be added to the MXP system
- When the selected bodycams are successfully detected, tick the box 'Add' and select 'Next':

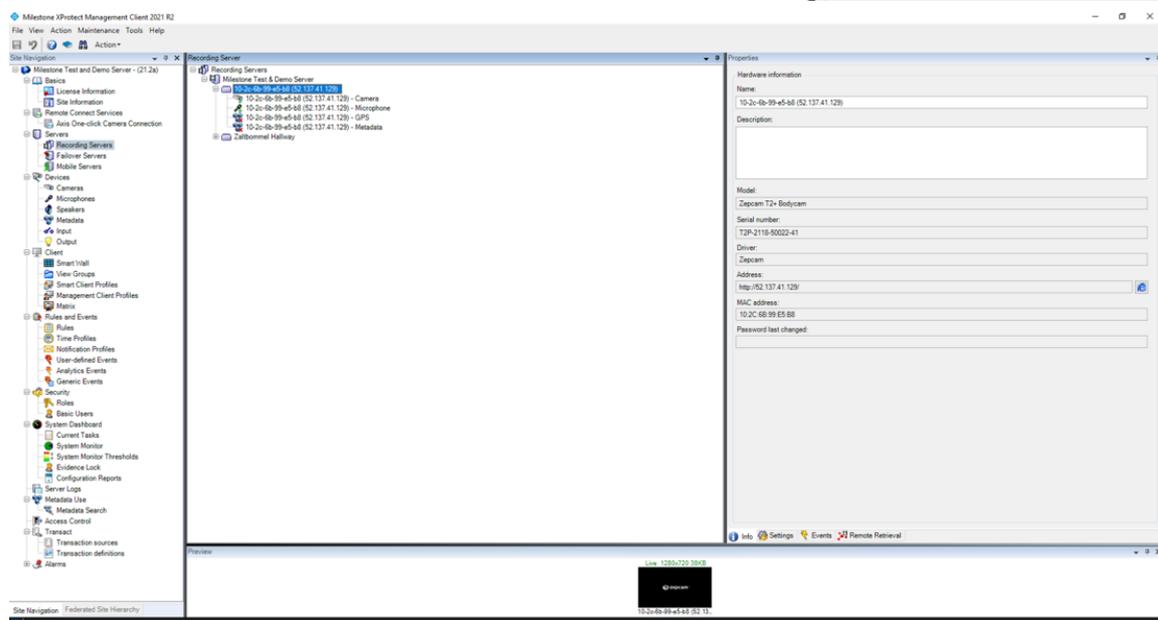
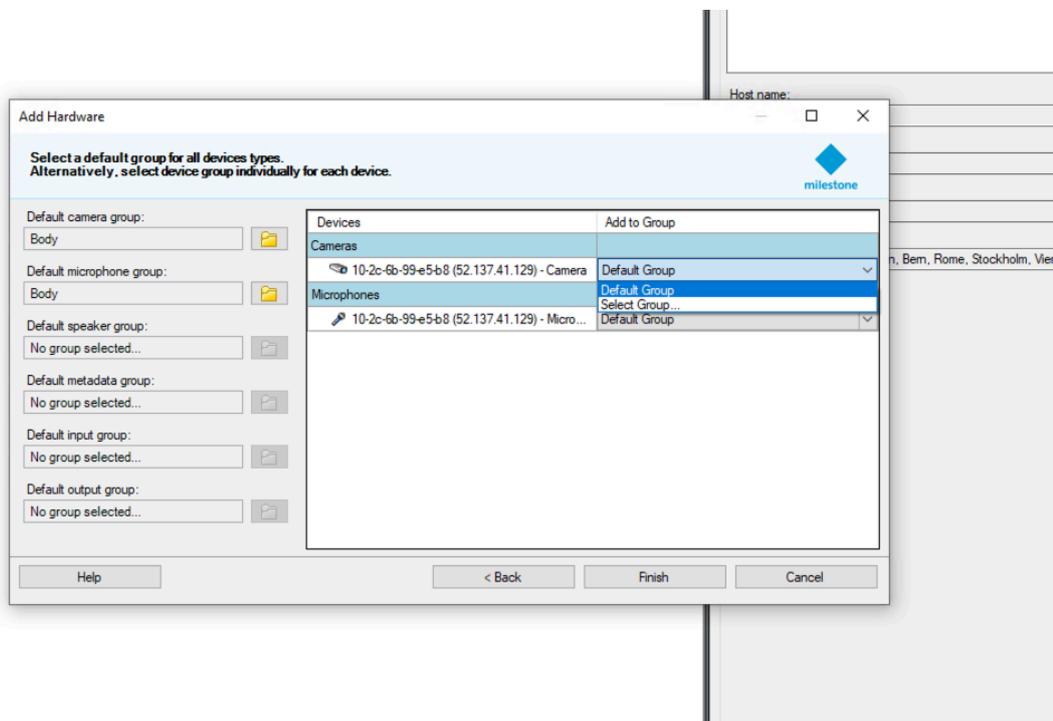


- When the system has successfully connected to each piece of hardware, select 'Next':

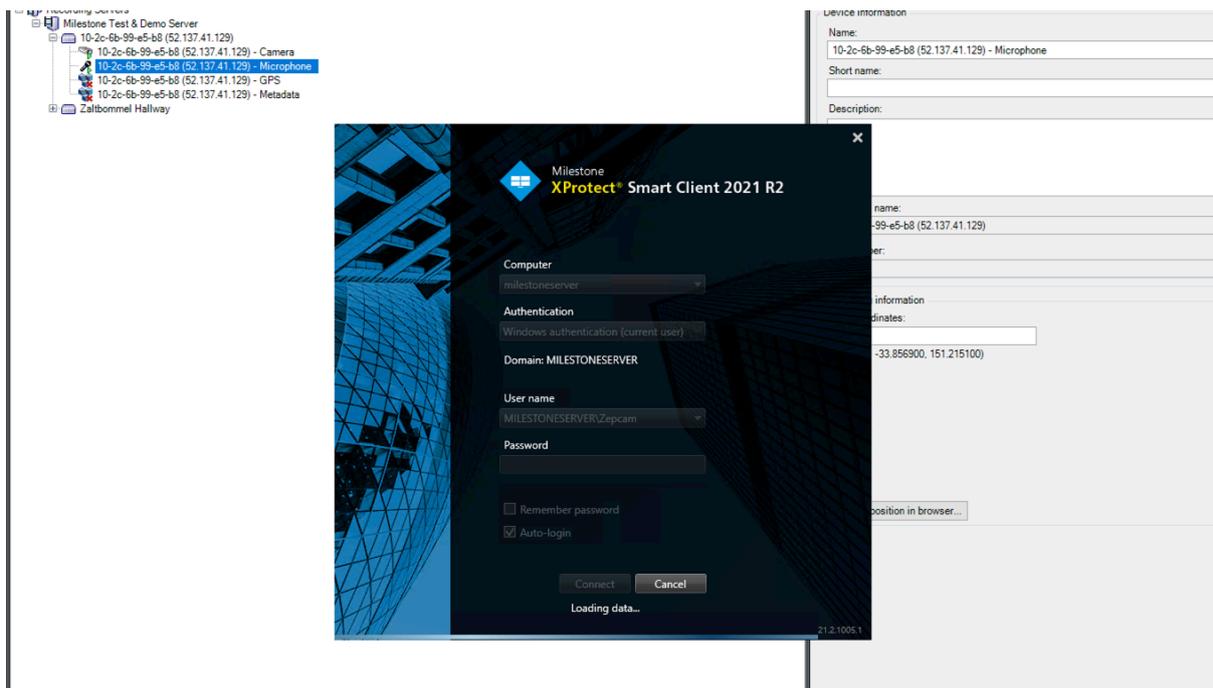


- In the case of adding a T2+ camera: Select Microphone and Metadata
- In the case of adding a T3 camera: Select Hardware, Camera, Microphone, Metadata port 1 and 2
- Select Next

- In the 'Add to Group', select; 'Default Group', or a group you have added in the MXMC
- Select Finish:



- Your bodycam has now successfully been added to MXP. You can find it under: 'Recording Servers'
- The microphone and metadata properties can be found under each bodycam



Restart MXSC to force the reload of the added bodycams. You've now configured ZCM and MXP using the Zepcam – Milestone Plugin. To test if it is working go to the next steps (Operational Use).

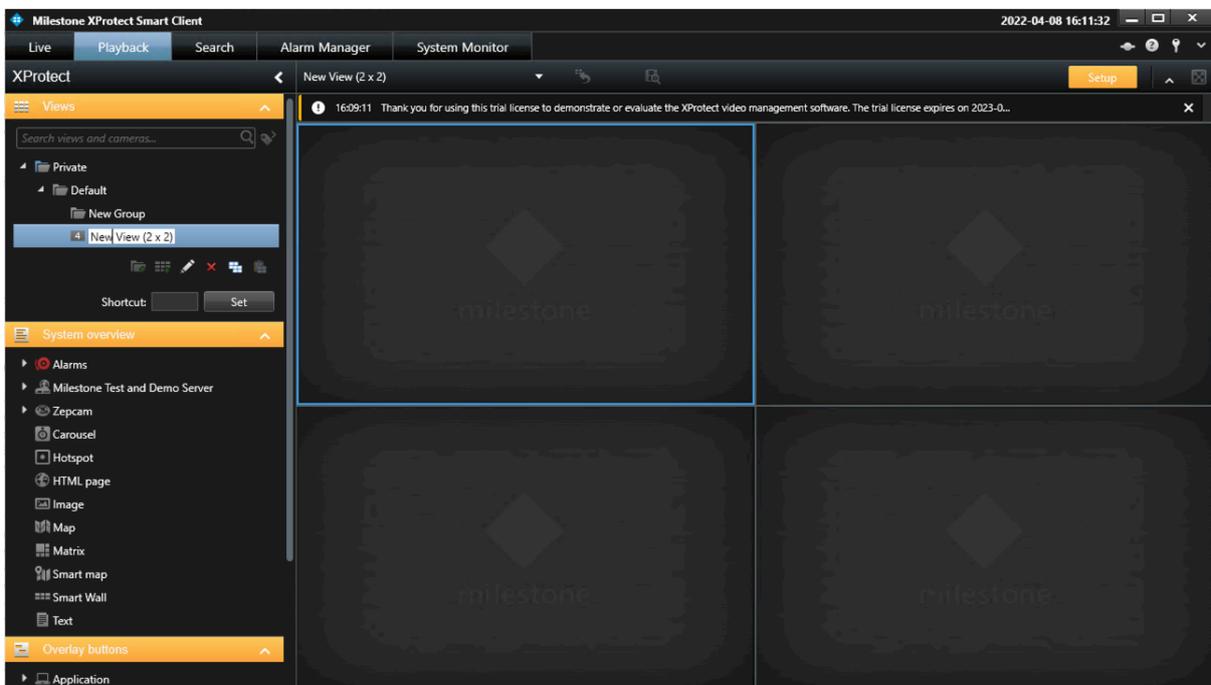
## • OPERATIONAL USE

### Viewing Livestreaming Bodycams in MXP

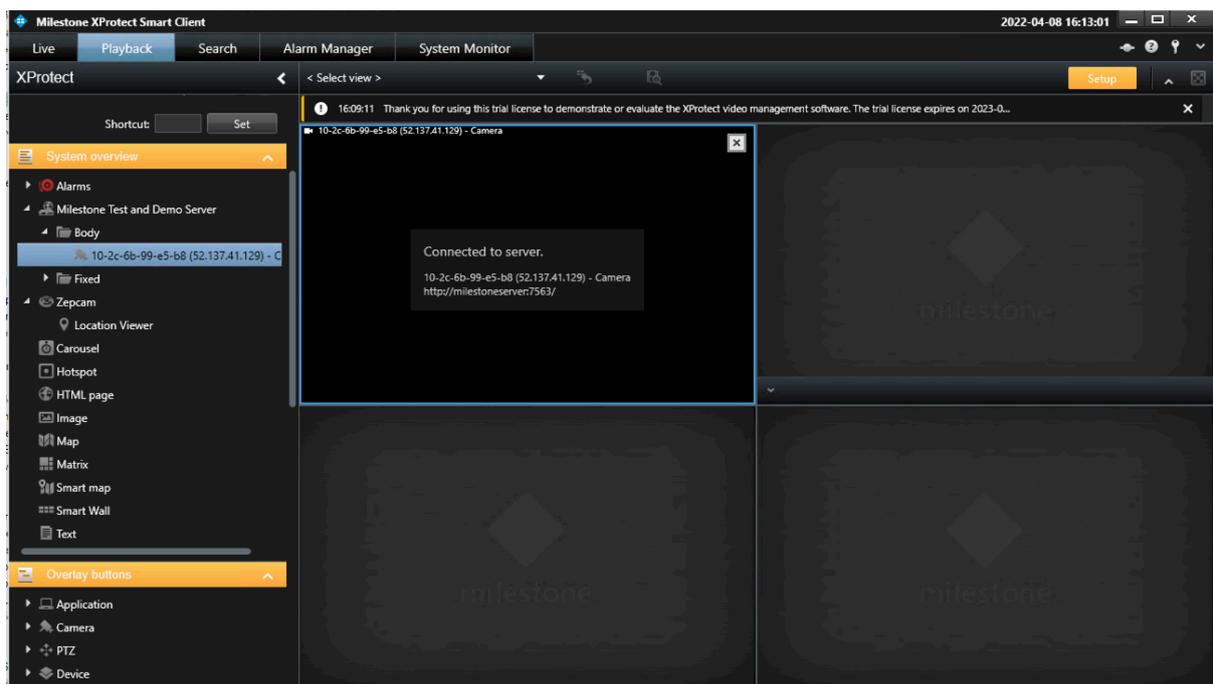
Livestreaming Zepcam T3 Live bodycams can now be viewed in MXP. The Zepcam T3 Live streams video, audio and metadata to the Zepcam Server. From there it is forwarded to the Milestone system.

Login to MXSC and click “Setup” to configure a new view group. Add a new View group by clicking the small folder icon with a + sign.

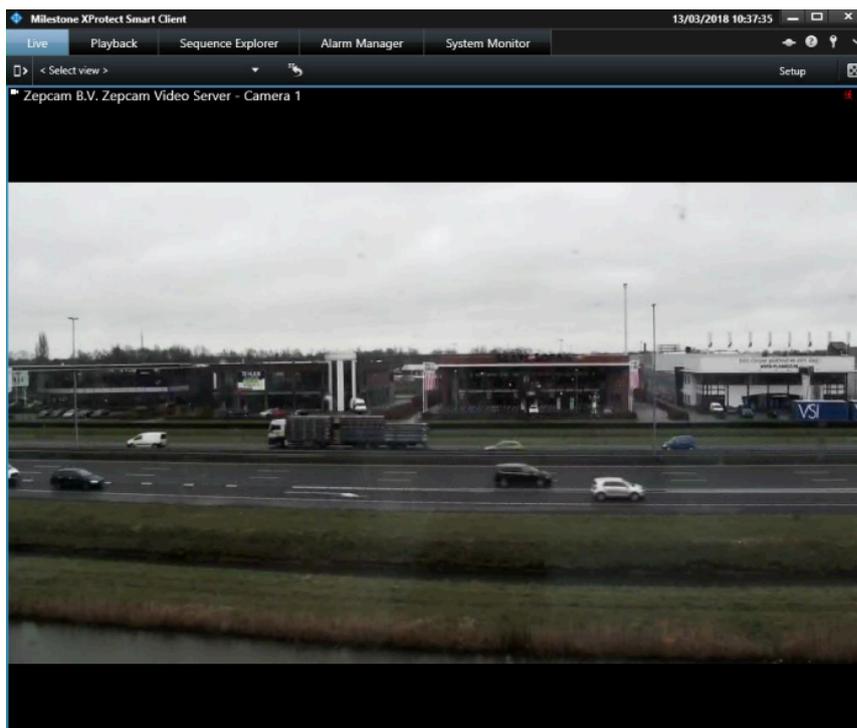
[Note] If you already had MXSC open, please close it and open it up again. Changes made in MXMC will only show up in MXSC when MXSC has restarted.



In your new View, add cameras by selecting a camera in System Overview → [Milestone name] → Zepcam Cameras → Camera. Now drag the camera into the view and drop it.

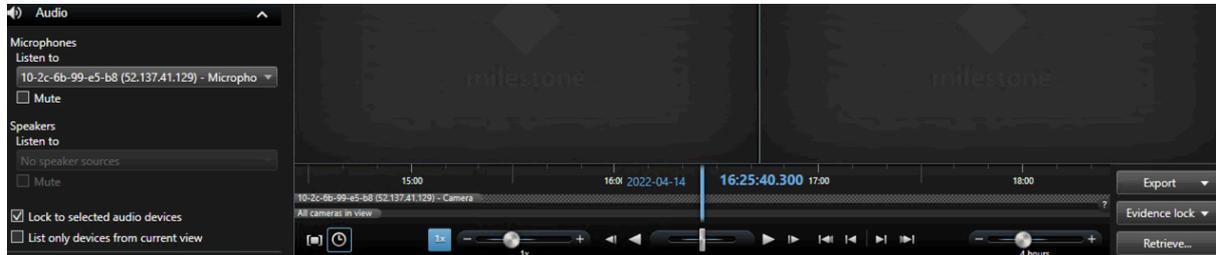


Once you've added all the cameras, click the setup button again to close the setup. If you have livestreaming cameras configured such as the MVB or the T1, and they are livestreaming on the server, then they will be visible in Milestone under the "Live" tab. It is also possible to add overlay buttons in Milestone so that you can start and stop the stream from the MXSC. This will be explained in the chapter: "Start and stop stream in XProtect Smart Client".



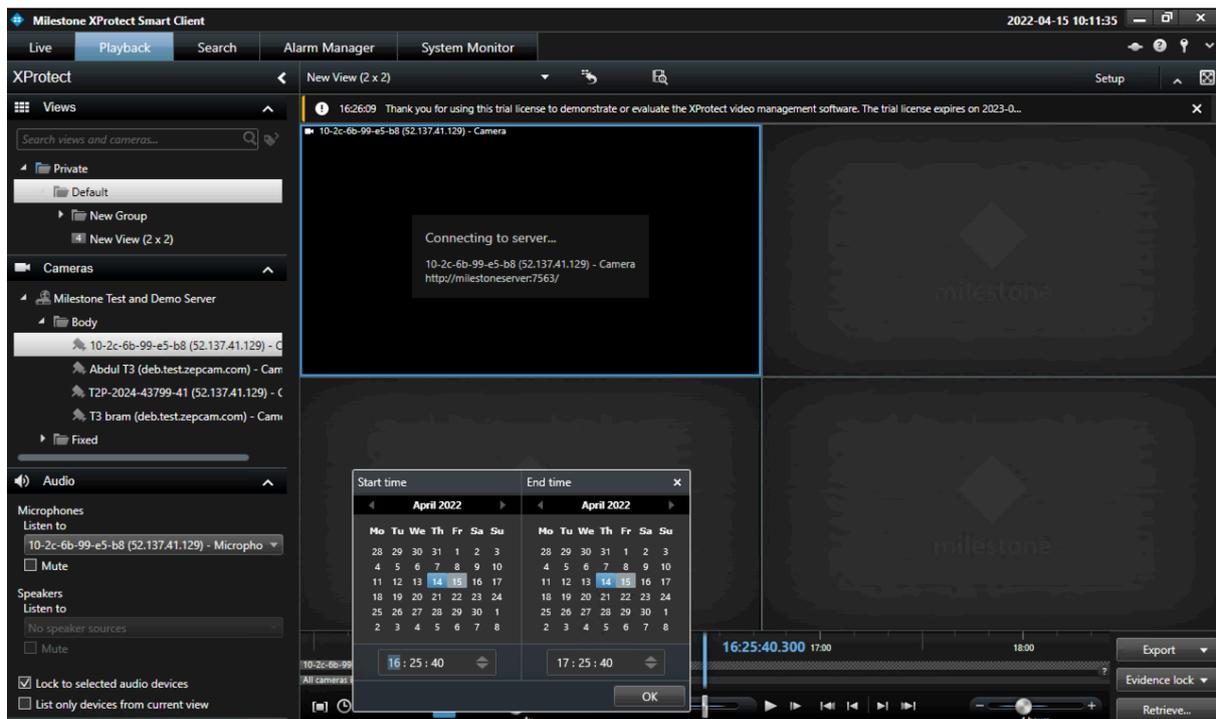
## Recording Retrieval - Manual

You can retrieve recordings in the “Playback” tab. Before you can retrieve recordings, you must first select the start and end time in the timeline. To do this, press on the clock icon in the bottom left of your screen.

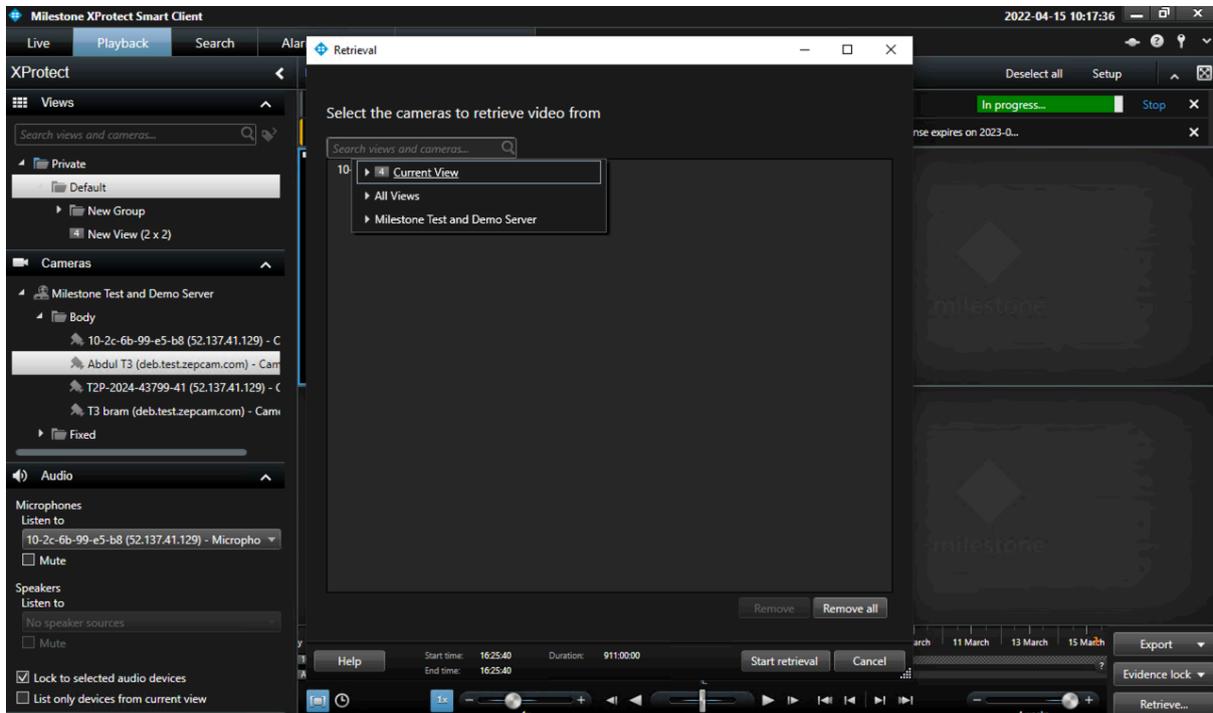


Select Start and End time.

[Note] If you select a time in the future, MXSC will wait for the future time to have elapsed when retrieving recordings.



Select the retrieve icon in the bottom right corner, then select the time and camera you want to retrieve recordings from, then click “Retrieve”. At the top of your screen, you can follow the progress:



At the top of your screen it should state that a Retrieval job has begun. It might be Queued for a short amount of time. After that the status will change to “In Progress”, followed by “Completed”. In the time bar there should be a pink bar which indicates that recordings have been retrieved from that time.

In the playback section you can play the recorded videos of selected cameras. The playback is time synced. This way fixed cameras and bodycams can be played in a synchronized manner.

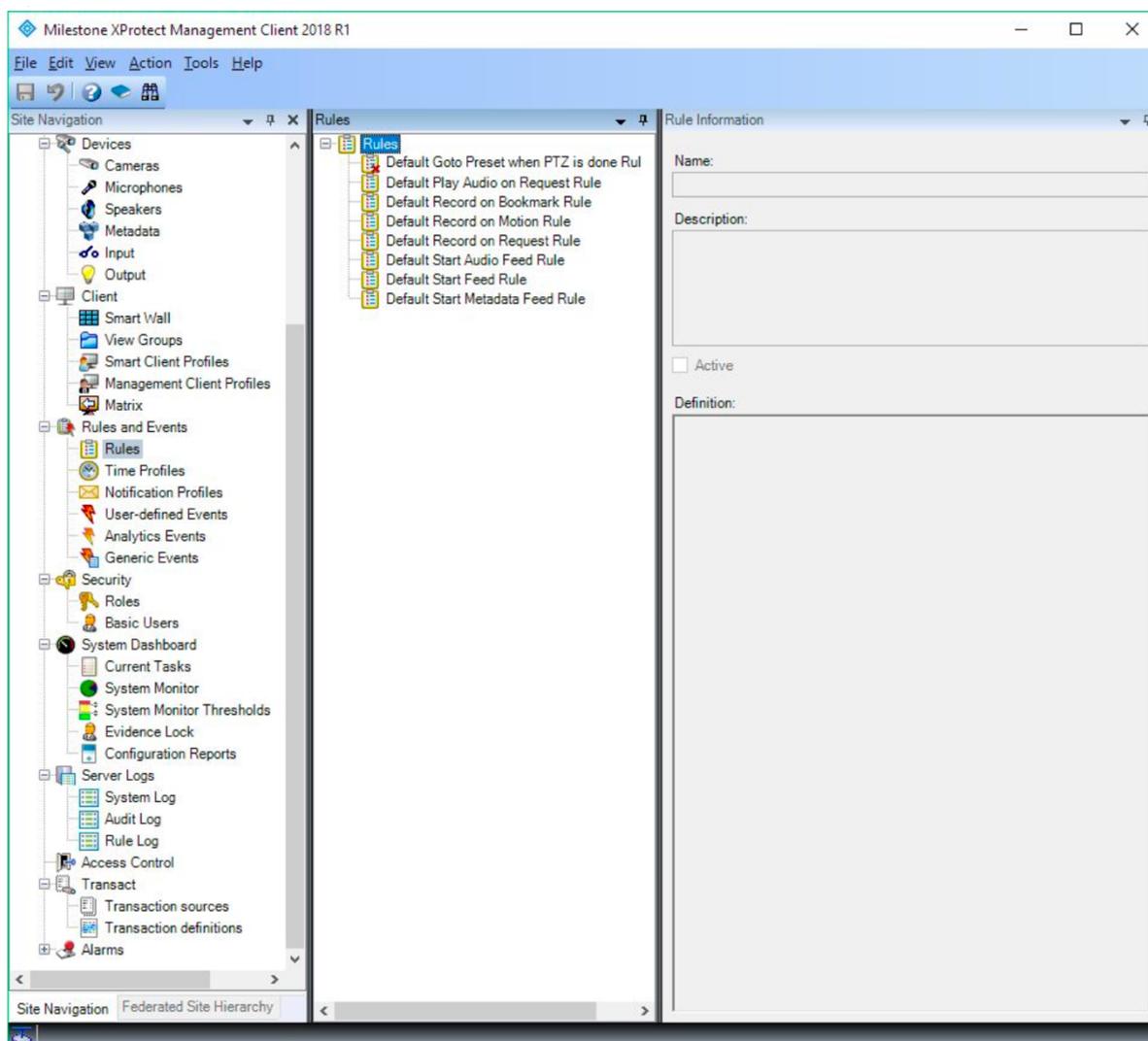
Note: only original video files in Zepcam Manager will be retrieved. Edited recordings like trimmed or redacted (blurred) videos will not be retrieved.

### Recording Retrieval - automatic

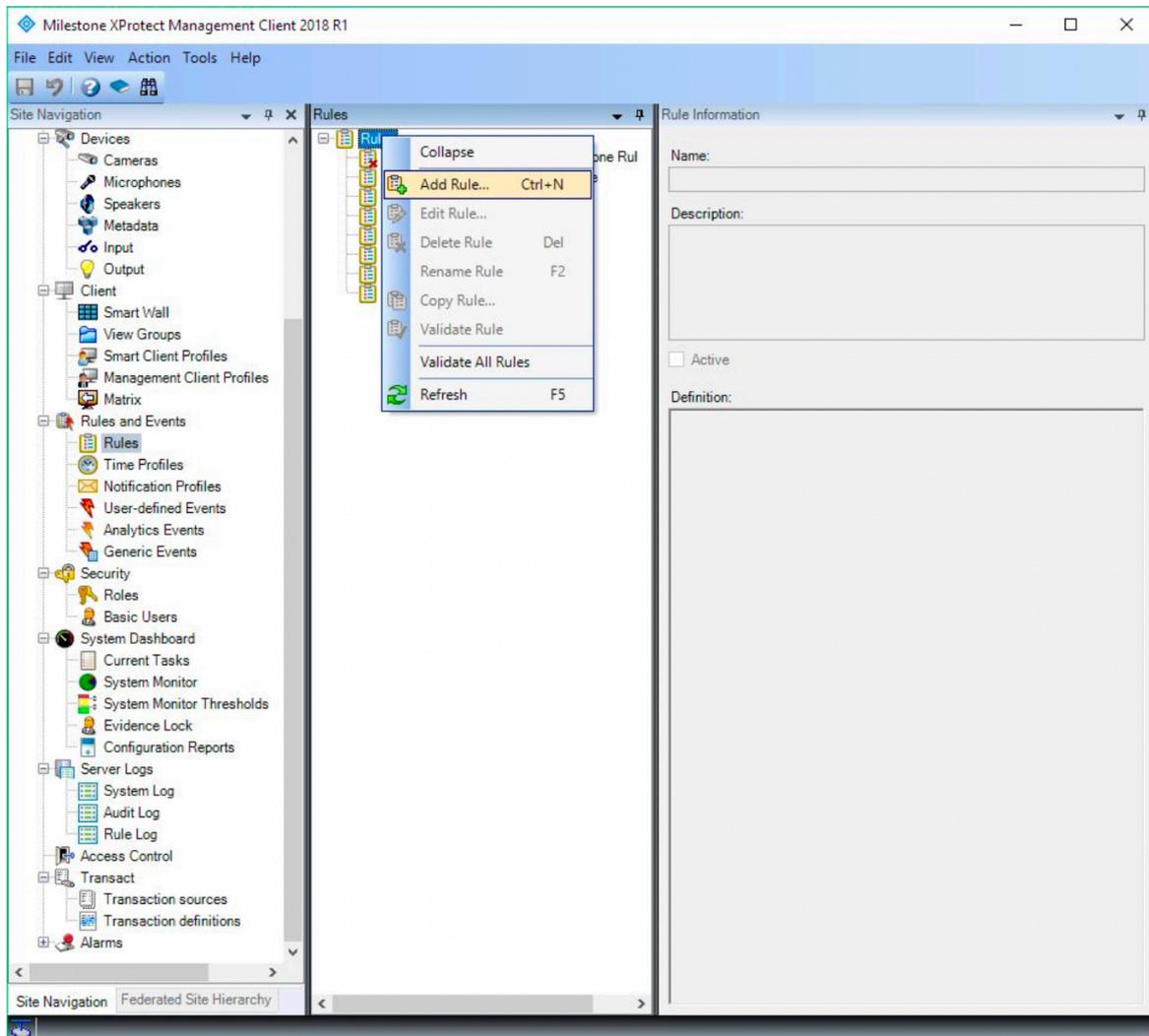
Before setting up automatic retrieval for your recordings you should have already completed the basic integration chapter in this manual.

[Note] DO NOT check the “Automatically retrieve remote recordings when connection is restored” checkbox in the recording section of the camera. This will crash XPMC and XPSC.

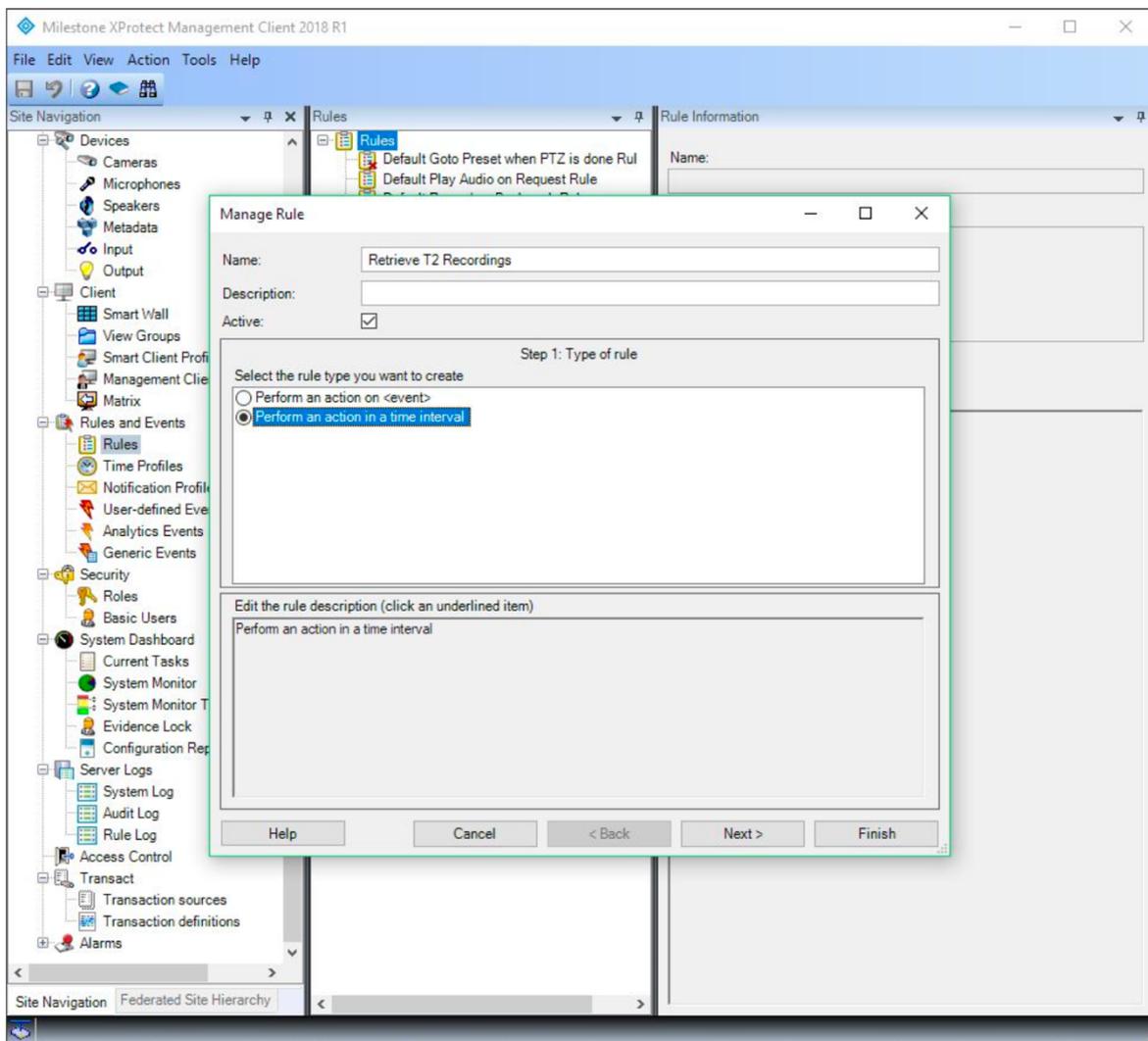
Open XPMC and go to “Rules”:



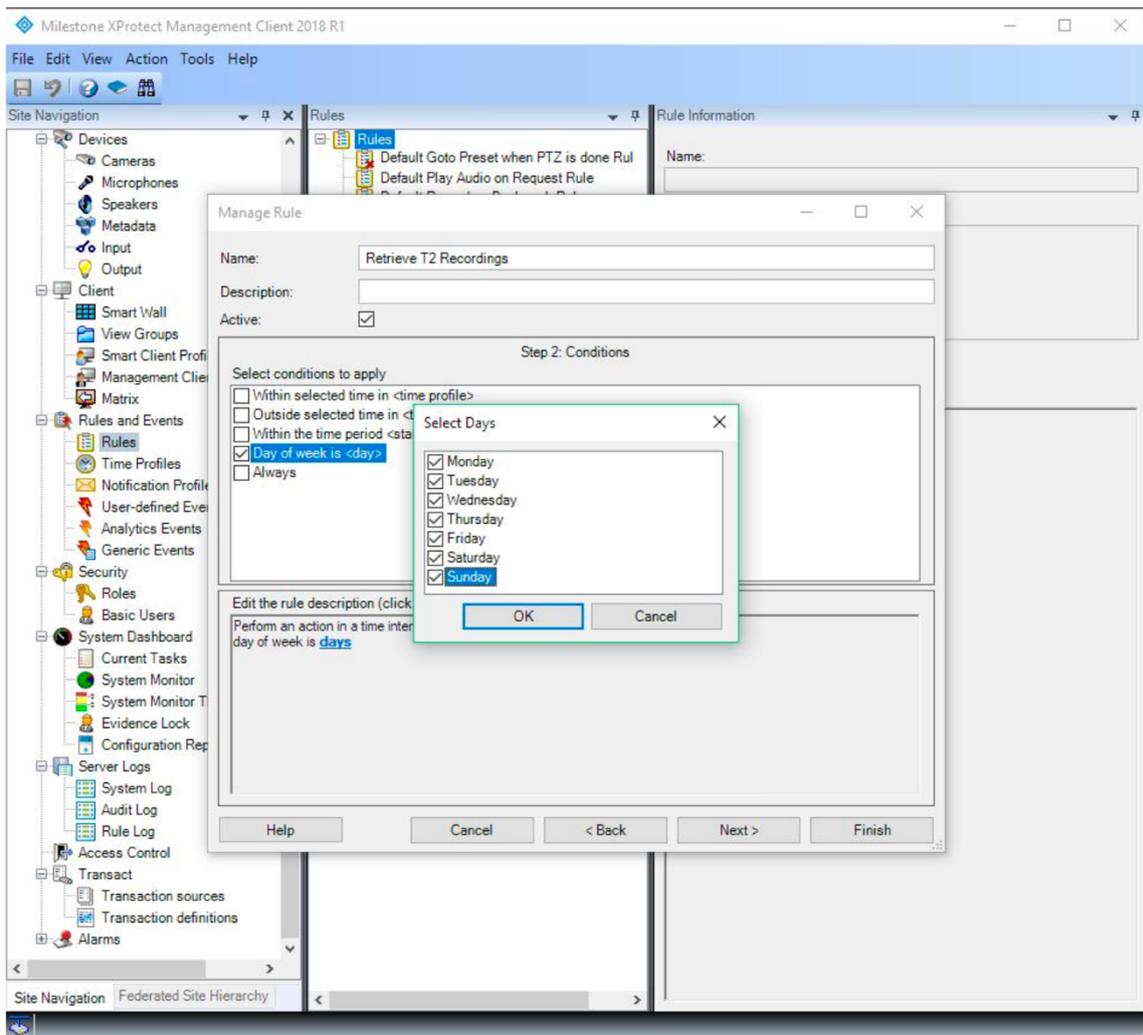
Right click in the rules section and click “Add Rule...”:



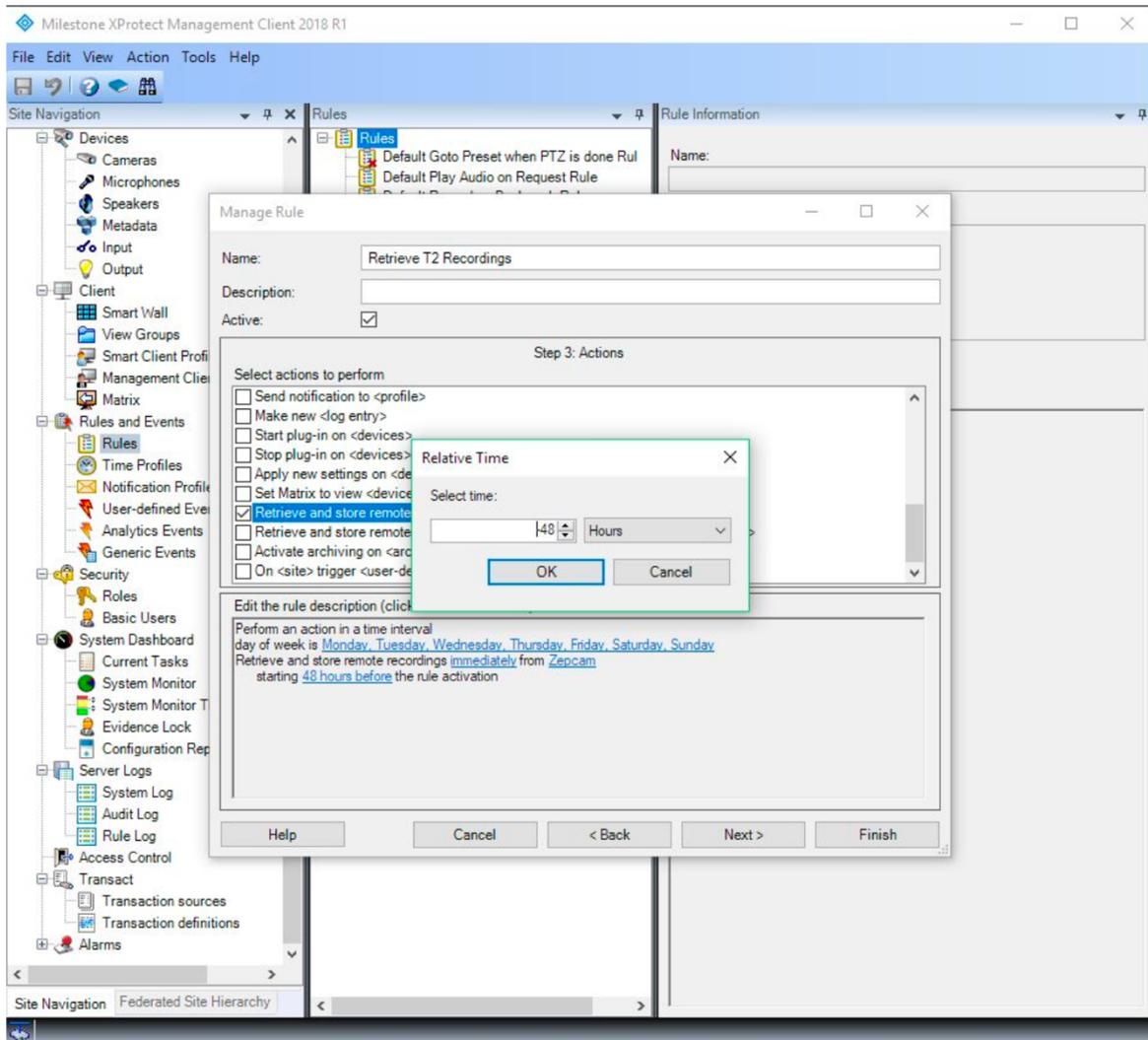
Click “Perform an action in a time interval”, fill in a name for your rule and click next:



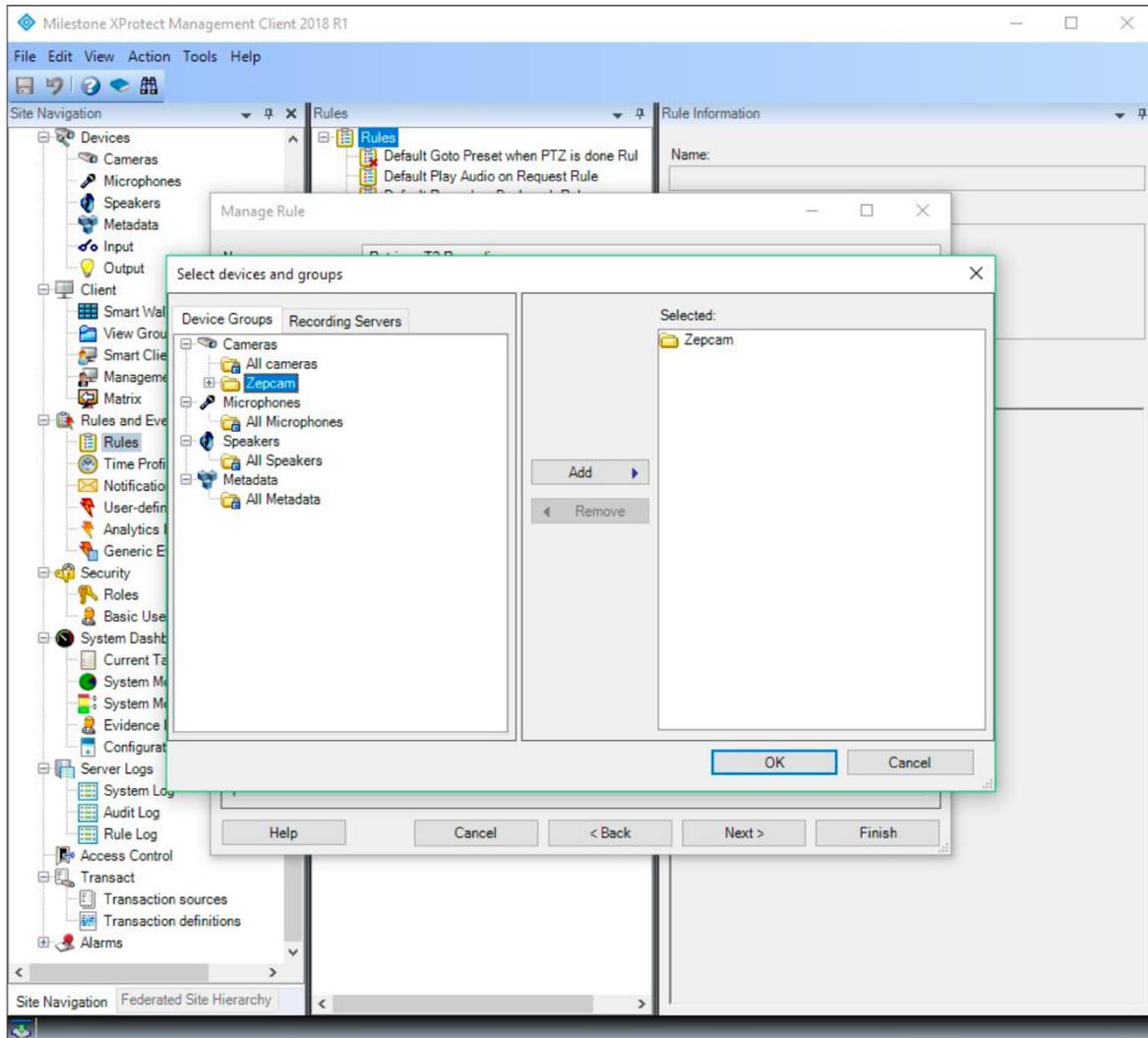
Select “Day of the week is <day>” and select every day. Click OK and click next.



Select “Retrieve and store remote recordings” Select “48 hours before” and configure -48 hours:

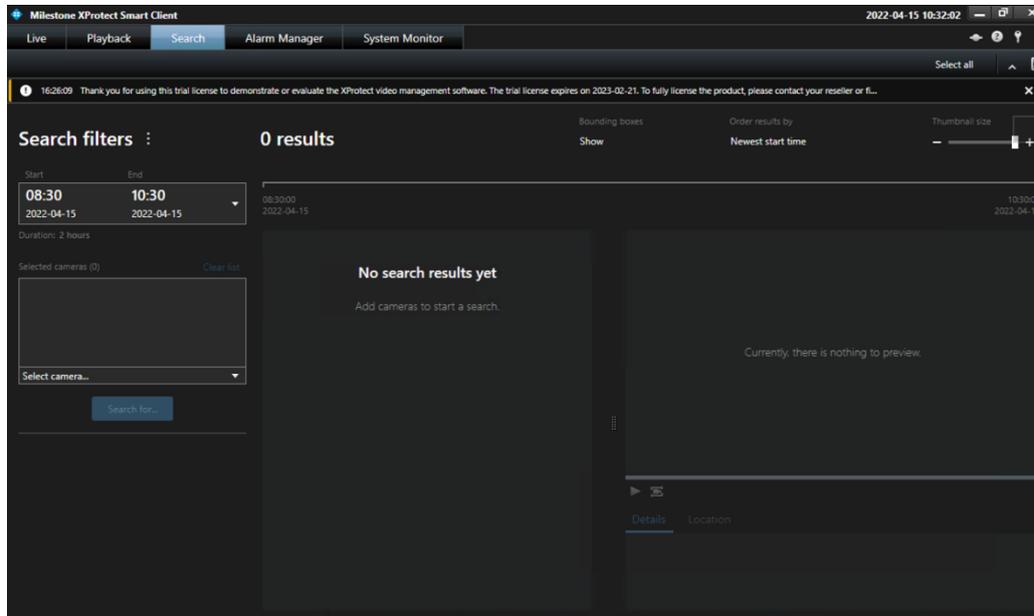


Now select the cameras you'd like to get recordings from, in our case: Zepcam Cameras. Click add, and then click OK.

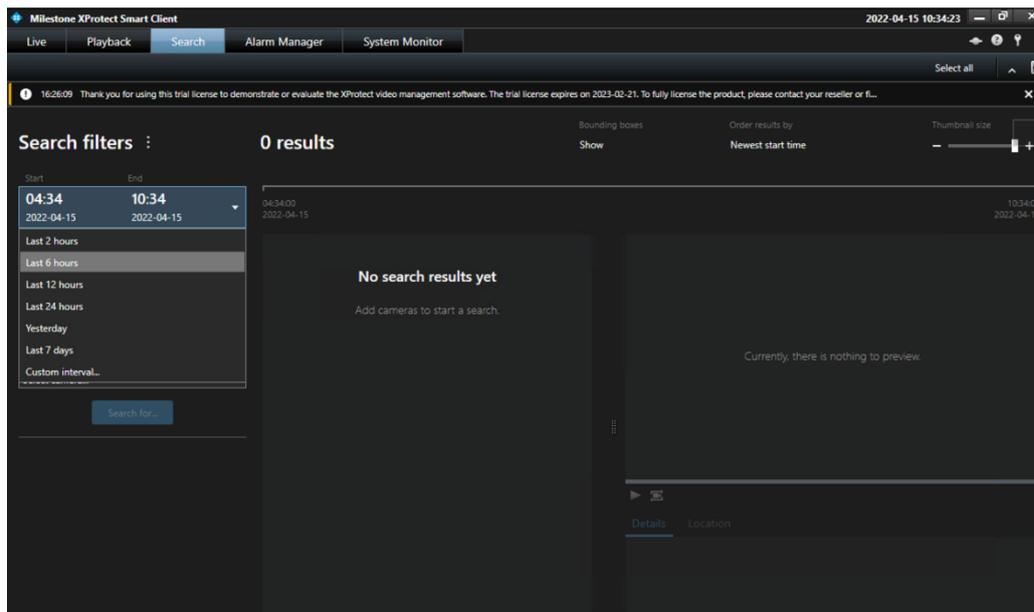


## Searching videos

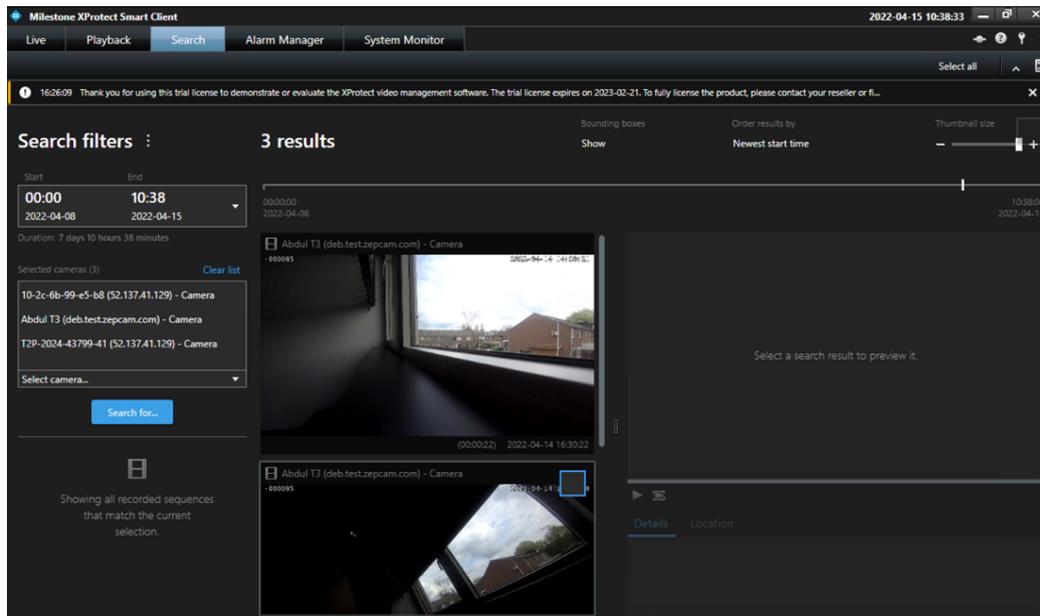
In MXSC, it is possible to search for videos based on search filters such as date, time, camera ID, and the GPS position of the camera. To start searching for videos, select the “Search” tab:



To search based on the date of the video, select a start and end date as well as time. It is possible to search within the last 24 hours, 7 days, or a customized interval:

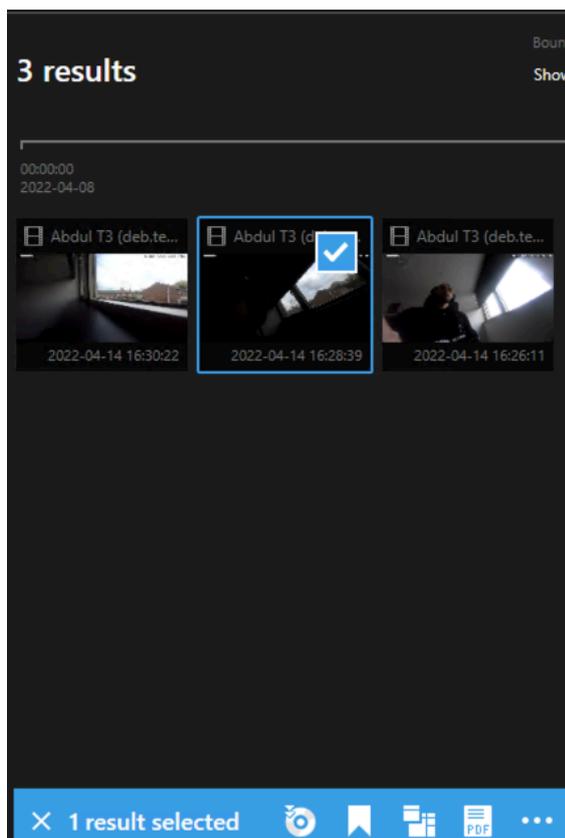


Below the time and date, you can select a camera of which you want to select a video. It is possible to select multiple cameras:

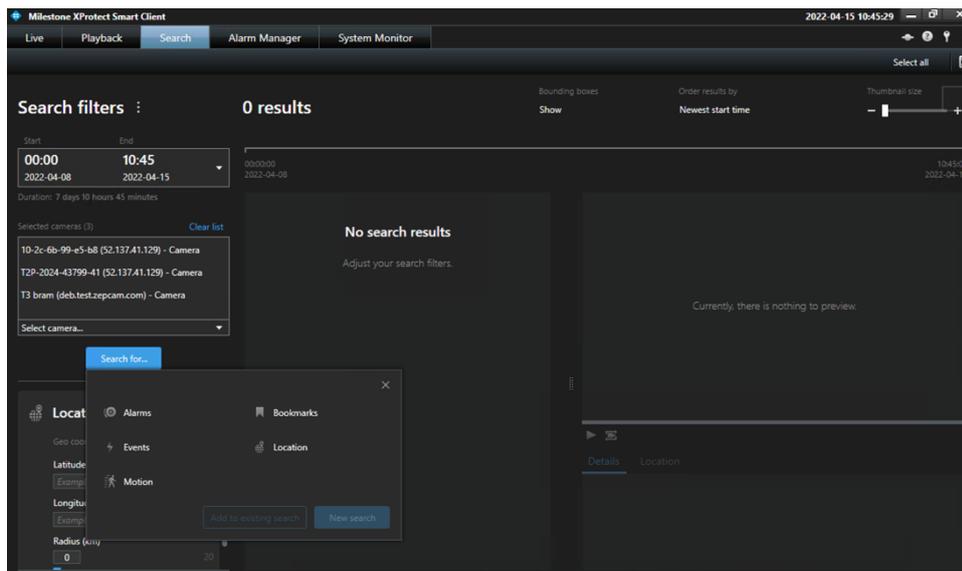


You can view your results, adjust the thumbnail size, and hide/show the bounding boxes. Select a video to show the details of the video and the camera that recorded the video.

Select one of the videos to export, bookmark, view the selected camera in a new window, or create a PDF report:



To search for alarms, bookmarks, events, motion, or location, select “Search for”:



When you select “Location”, you will need to fill in the desired latitude and longitude, and a radius in which the video has been recorded that you wish to find. A map (e.g. Google Maps) lets you pinpoint a location and shows the Lat Long coordinates. These can be copied into the Location box.

It is possible to save searches (incl location data) for future use.

