

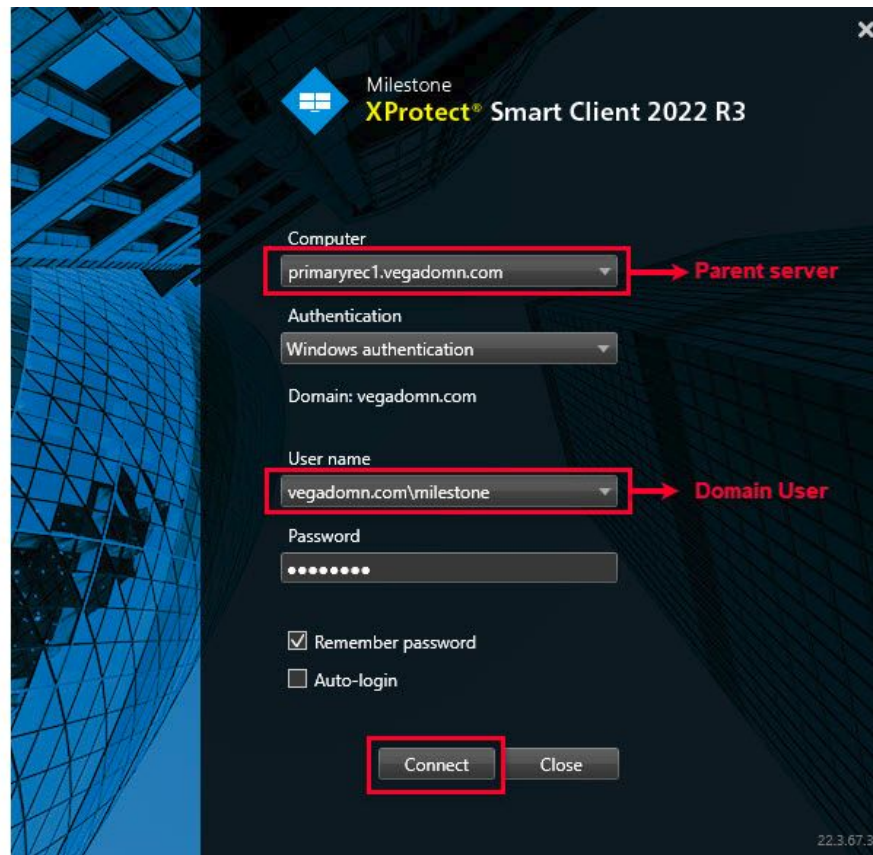


RMF – Replace a High Availability Camera

Vega Systems Inc.

03/10/2023

<https://www.vega25.com/rmf>



Verification Step: Open the **Smart Client**.

Login into the **Parent Management Server** using domain user credentials.(Federated Deployments)

Login into **Management Server** (Non-Federated Deployments)

Milestone XProtect Smart Client

Live | Playback | Exports | Search | Alarm Manager | Incidents | RMF Bookmark Viewer | System Monitor | 5:25:38 AM

XProtect < RMF View Setup

Views

Search views and cameras...

- App
- App
- App
- Limited
- Operator_Role
- Private
 - RMF View Group
 - RMF View


Cameras

- PRIMARYREC1

MIP plug-ins

5:24:50 AM Thank you for using this trial license to demonstrate or evaluate the XProtect video management software. The trial license expires on 10/12/2023. To fully license the p...

AXIS M3044-V Network Camera (172.16.0.3) - Camera 1
RMF: primaryrec1.vegadomn.com 26.57 m 12.21 d 1.0 s



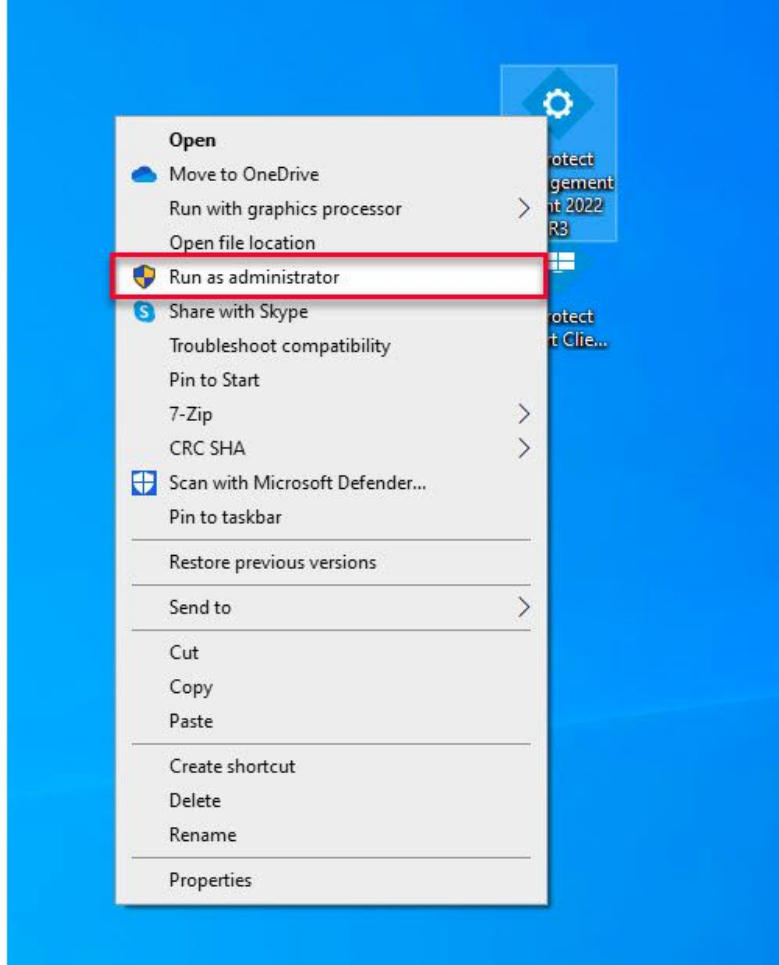
milestone

milestone

milestone

Verification Step: View the live video stream before replacing the camera.





Step 1: Open the **Management Client**.

Note: Run as administrator

Milestone
XProtect® Management Client 2022 R3

Computer:
primaryrec1.vegadomn.com

Authentication:
Windows authentication

Domain: vegadomn.com

User name:
vegadomn.com/milestone

Password:
●●●●●●

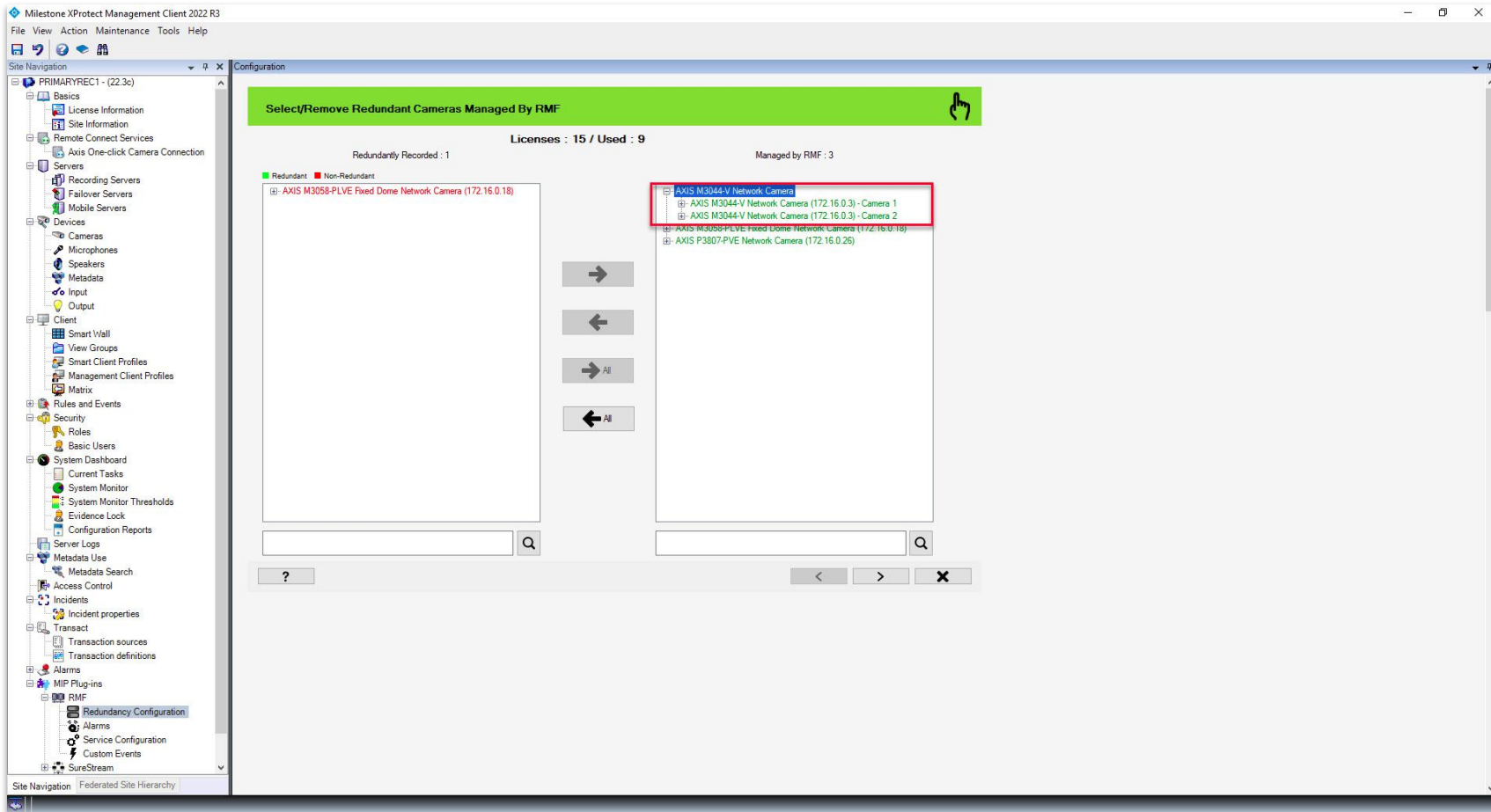
Remember password

Sign in Close

Management Server

Step 2: Login into the **Parent Management Server** as a domain user with admin privileges. (Federated Deployments)
Login into Management Server as a user with admin privileges (Non-Federated Deployments)

Note: Parent = Primary Server, Child = Secondary Server



Step 3: Managed by RMF camera list before replacing the camera.

The screenshot displays the Milestone XProtect Management Client 2022 R3 interface. The 'Site Navigation' pane on the left shows a tree view where 'Recording Servers' is selected under the 'PRIMARYRECT1 - (22.3c)' site. The 'Recording Servers' pane in the center shows a list of recording servers, with 'AXIS M3044-V Network Camera' selected. A context menu is open over this camera, with 'Replace Hardware' highlighted. The 'Properties' pane on the right shows the details for the selected camera, including its name, description, model, serial number, driver, address, MAC address, and firmware version. A red arrow points from the text 'Existing hardware information' to the 'Model' field in the properties pane. The 'Preview' pane at the bottom shows a live video feed from the camera.

Existing hardware information

Hardware information

Name: AXIS M3044-V Network Camera

Description:

Model: AXIS M3044-V Network Camera

Serial number: ACCCBE75D1E0

Driver: AXIS

Address: http://172.16.0.3:11000/

MAC address: ACCCBE75D1E0

Firmware version: 6.15.4.1

Password last changed:

Hardware data last updated: 1/1/2023 11:05 PM

Update hardware

Step 4: Goto **Site Navigation** → **Servers** → **Recording Servers**
Parent Site (**Primary Server**) - Replace the selected camera.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation PRIMARYREC1 - (22.3c)

Recording Servers

Filter

Recording Servers

PRIMARYREC1

AXIS M3044-V Network Camera

AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)

AXIS P3807-PVE Network Camera (172.16.0.26)

Properties

Hardware information

Name: AXIS M3044-V Network Camera

Description:

Model: AXIS M5013 PTZ Dome Network Camera

Serial number: ACCC8E6E93DB

Driver: AXIS

Address: http://172.16.0.4/

MAC address: AC:CC:8E:6E:93:DB

Firmware version: 5.50.3.1

Password last changed: 1/2/2023 4:53 AM

Hardware data last updated: 1/2/2023 4:53 AM

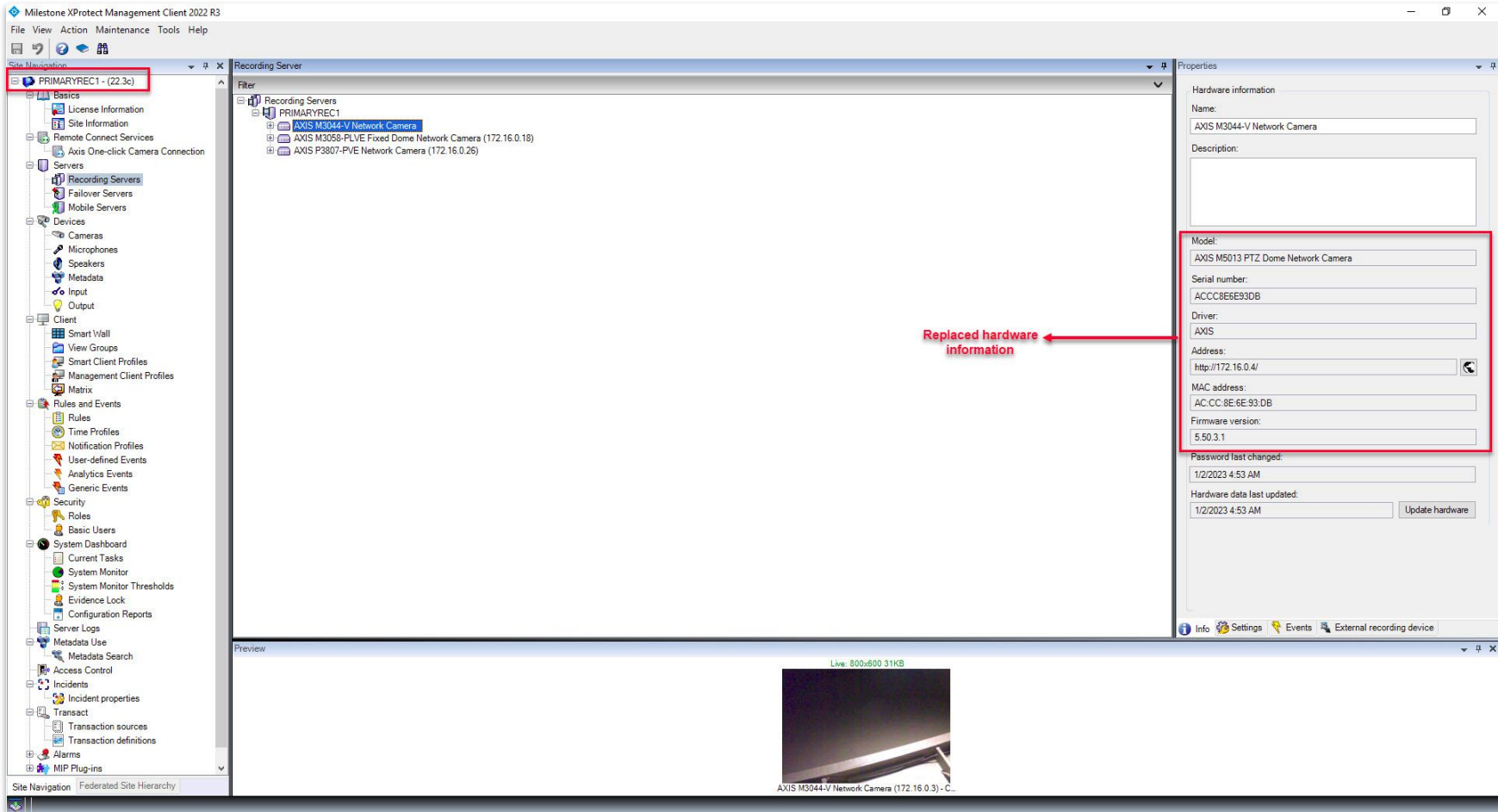
Update hardware

Info Settings Events External recording device

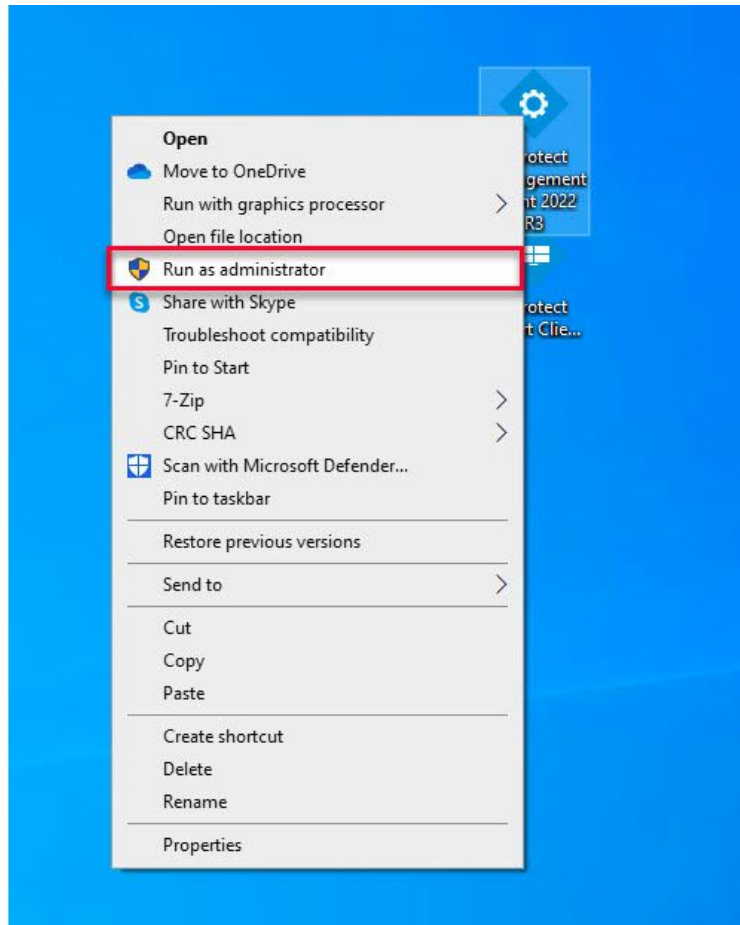
Preview

Live: 800x600 31KB

AXIS M3044-V Network Camera (172.16.0.3) - C...



Step 5: Parent Site (Primary Server) - Replaced camera information



Step 6: Open the **Management Client**.

Note: Run as administrator

Milestone
XProtect® Management Client 2022 R3

Computer:
primaryrec2.vegadomn.com → Child Management Server

Authentication:
Windows authentication

Domain: vegadomn.com

User name:
vegadomn.com\milestone

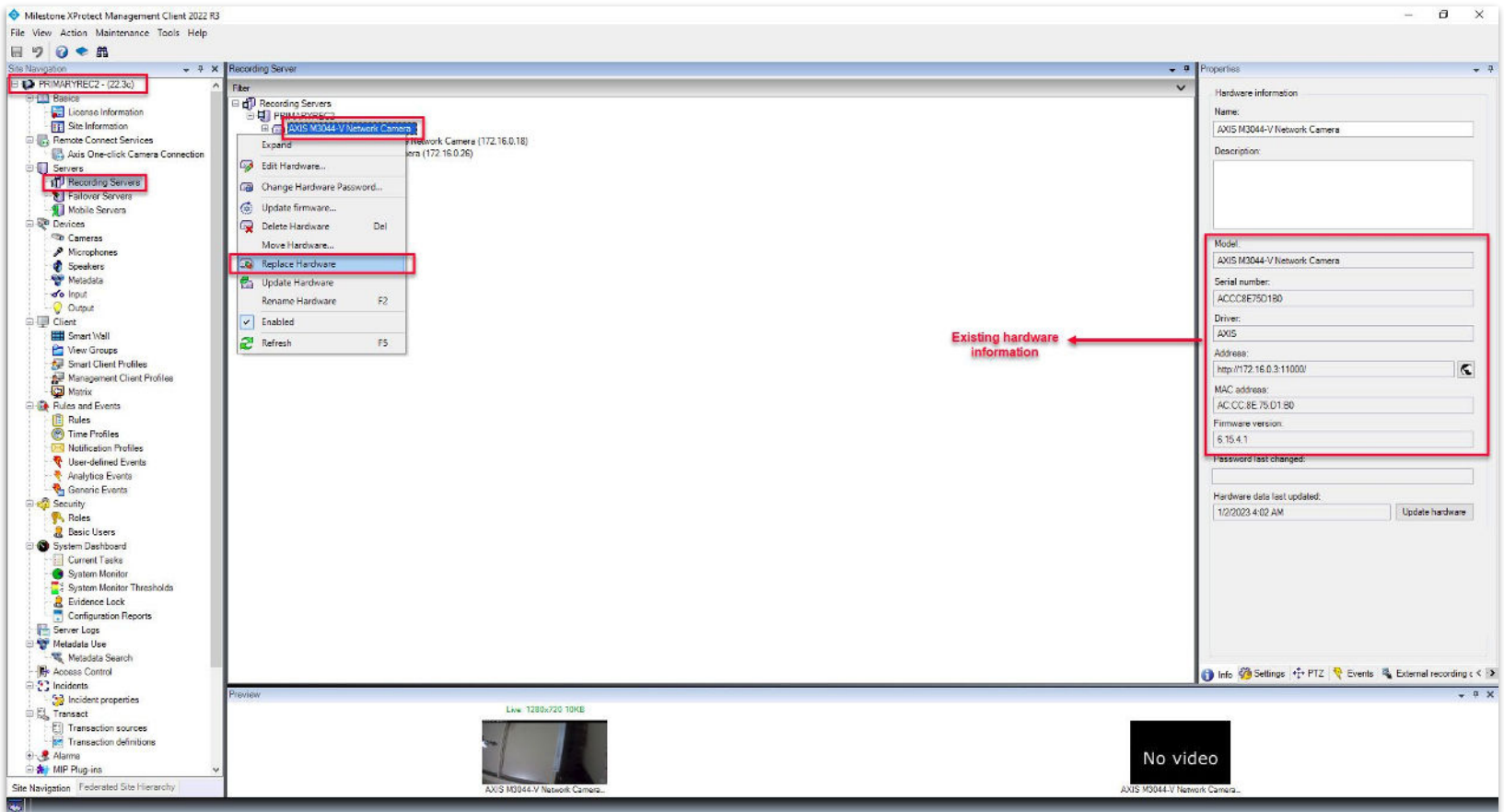
Password:
●●●●●●●●

Remember password

Sign in Close

Step 7: Login into the **child** management server as a domain user with admin privileges.

Note: Skip this step, if non-federated deployment



Step 8: Goto **Site Navigation** → **Servers** → **Recording Servers**
Child Site (Secondary Server) - Select the same camera replaced in the parent (**primary**) site and replace it with the needed camera.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation: PRIMARYREC2 - (22.3c)

- Basic
- License Information
- Site Information
- Remote Connect Services
- Axis One-click Camera Connection
- Servers
 - Recording Servers
 - PRIMARYREC2
 - AXIS M3044-V Network Camera
 - AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)
 - AXIS P3807-PVE Network Camera (172.16.0.26)
 - Failover Servers
 - Mobile Servers
 - Devices
 - Cameras
 - Microphones
 - Speakers
 - Metadata
 - Input
 - Output
 - Client
 - Smart Wall
 - View Groups
 - Smart Client Profiles
 - Management Client Profiles
 - Matrix
 - Rules and Events
 - Rules
 - Time Profiles
 - Notification Profiles
 - User-defined Events
 - Analytics Events
 - Generic Events
 - Security
 - Roles
 - Basic Users
 - System Dashboard
 - Current Tasks
 - System Monitor
 - System Monitor Thresholds
 - Evidence Lock
 - Configuration Reports
 - Server Logs
 - Metadata Use
 - Metadata Search
 - Access Control
 - Incidents
 - Incident properties
 - Transact
 - Transaction sources
 - Transaction definitions
 - Alarms
 - MIP Plug-ins

Recording Server

Filter

Recording Servers

- PRIMARYREC2
 - AXIS M3044-V Network Camera
 - AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)
 - AXIS P3807-PVE Network Camera (172.16.0.26)

Properties

Hardware information

Name: AXIS M3044-V Network Camera

Description:

Model: AXIS M5013 PTZ Dome Network Camera

Serial number: ACCC8E6E93DB

Driver: AXIS

Address: http://172.16.0.4/

MAC address: AC:CC:8E:6E:93:DB

Firmware version: 5.50.3.1

Password last changed: 1/2/2023 4:55 AM

Hardware data last updated: 1/2/2023 4:55 AM

Update hardware

Replaced hardware information

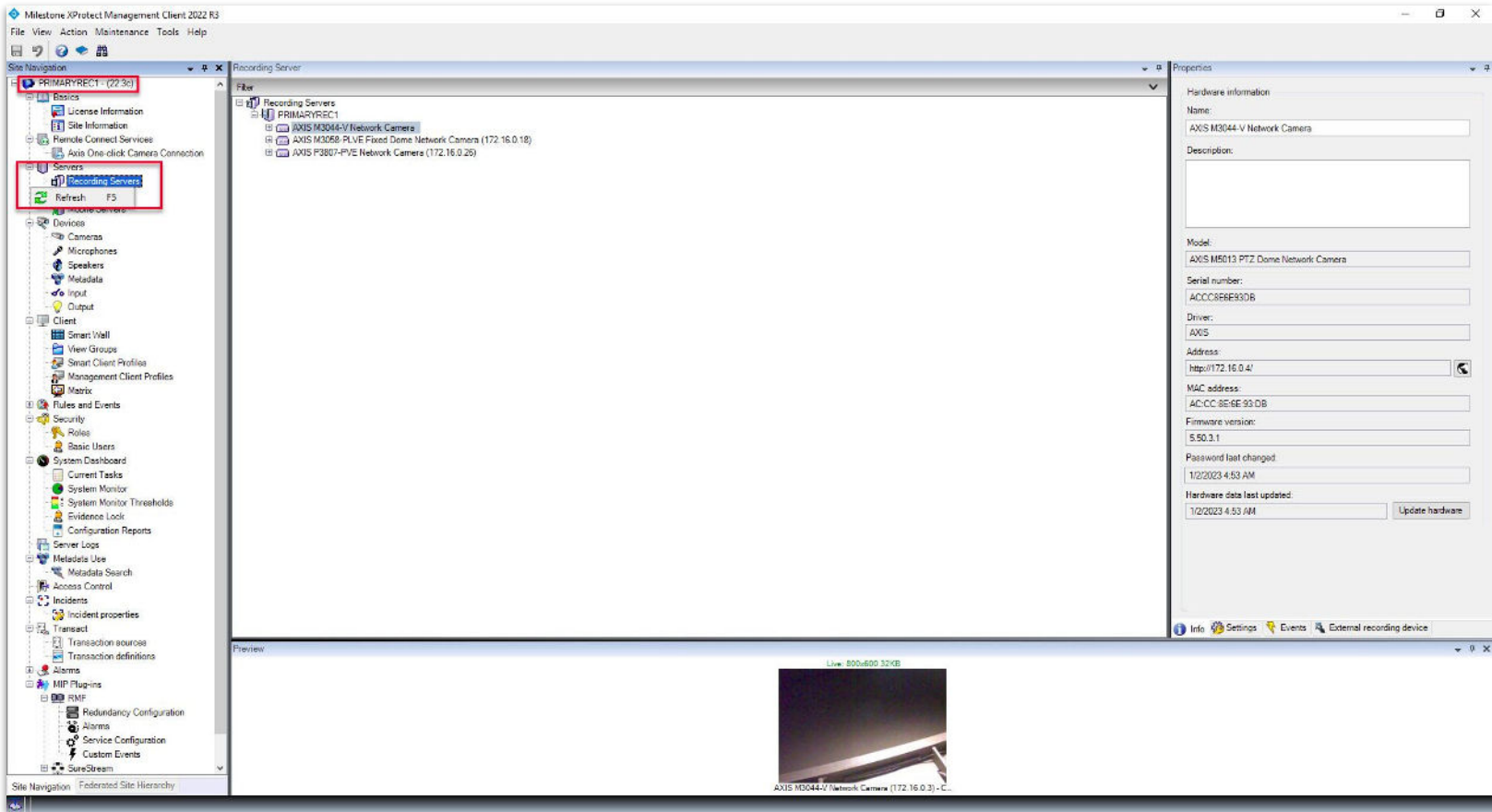
Preview

Live 800x600 30KB

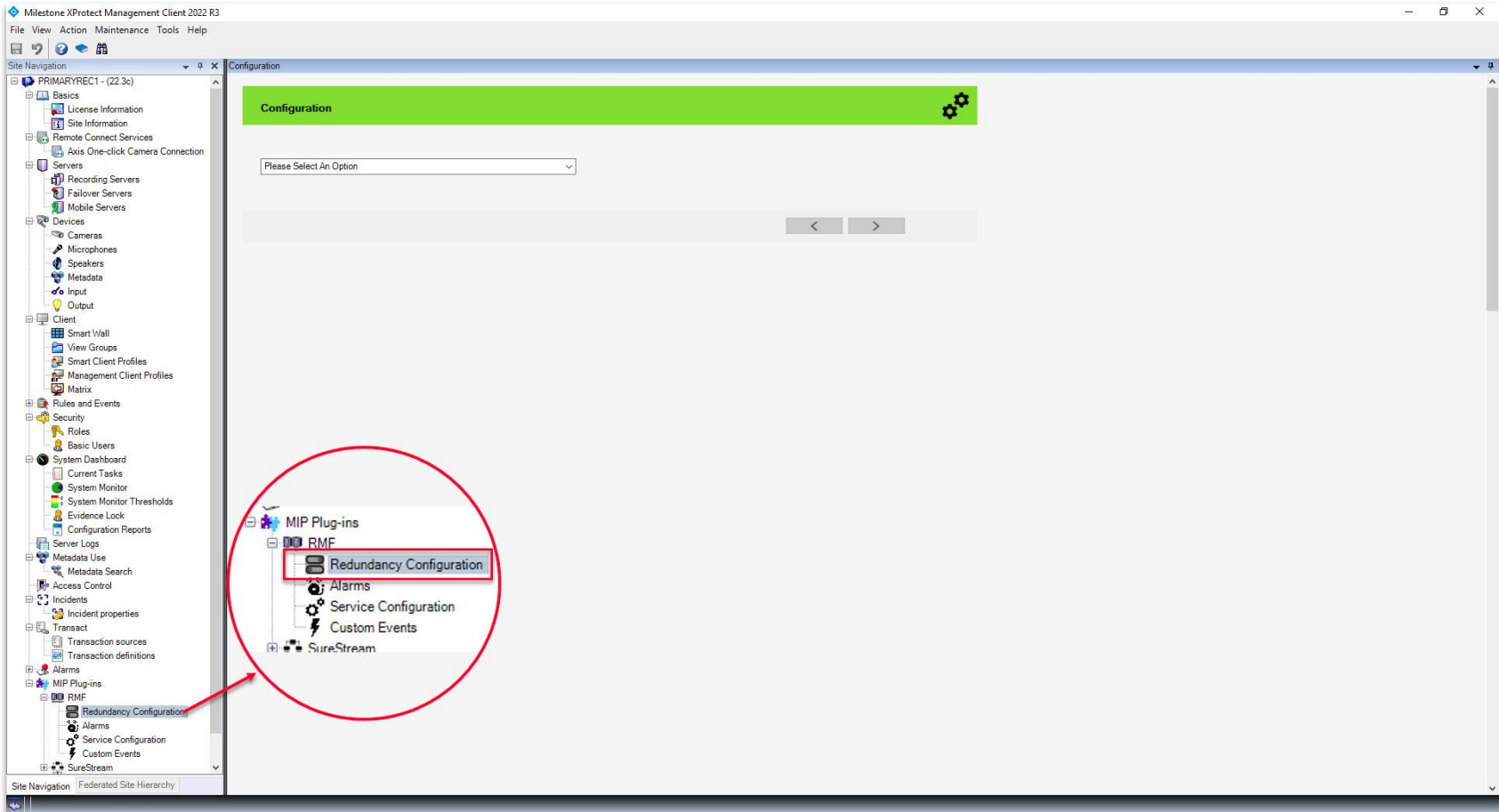
AXIS M3044-V Network Camera...



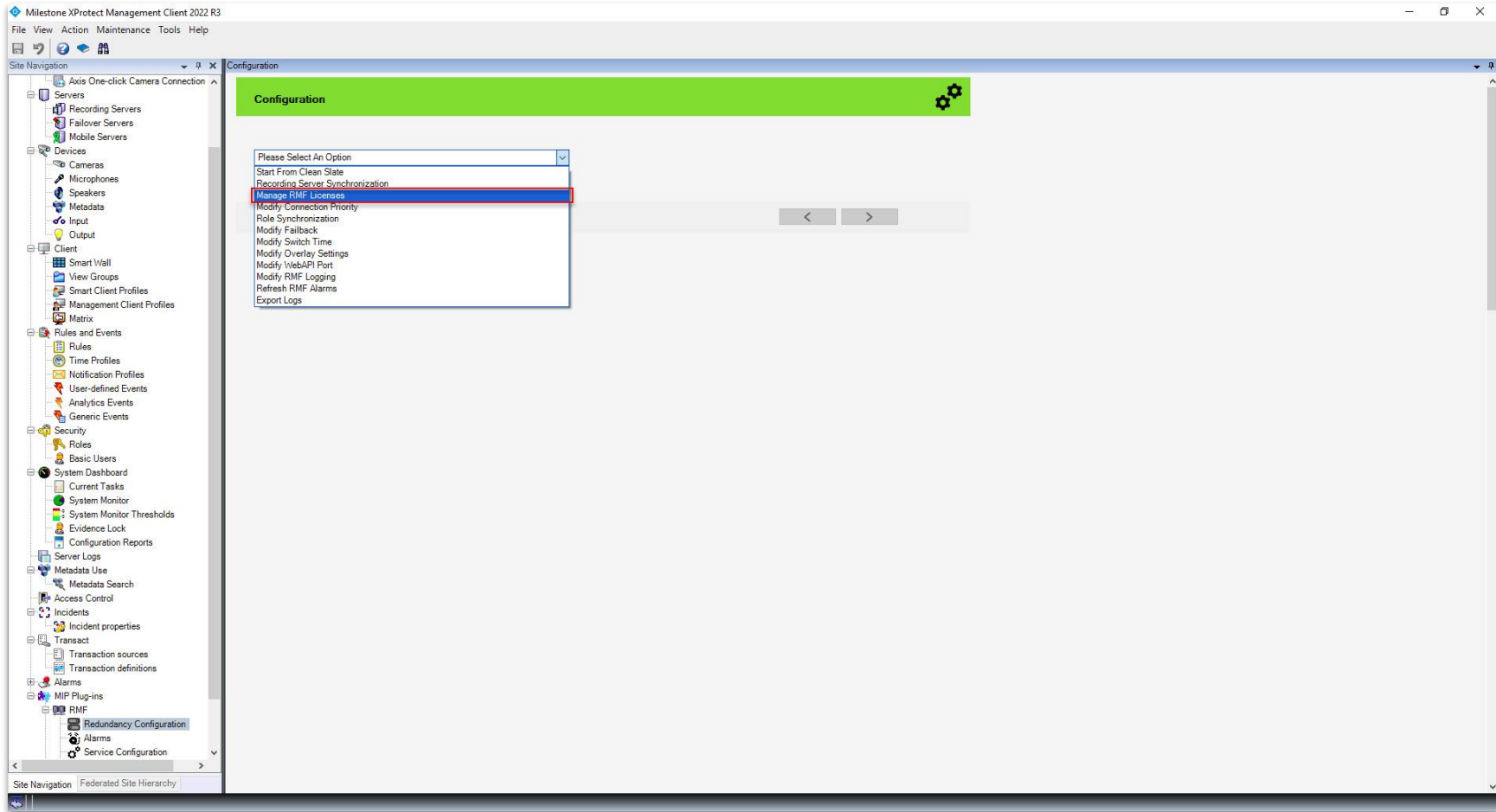
Step 9: Child Site - Replaced camera information



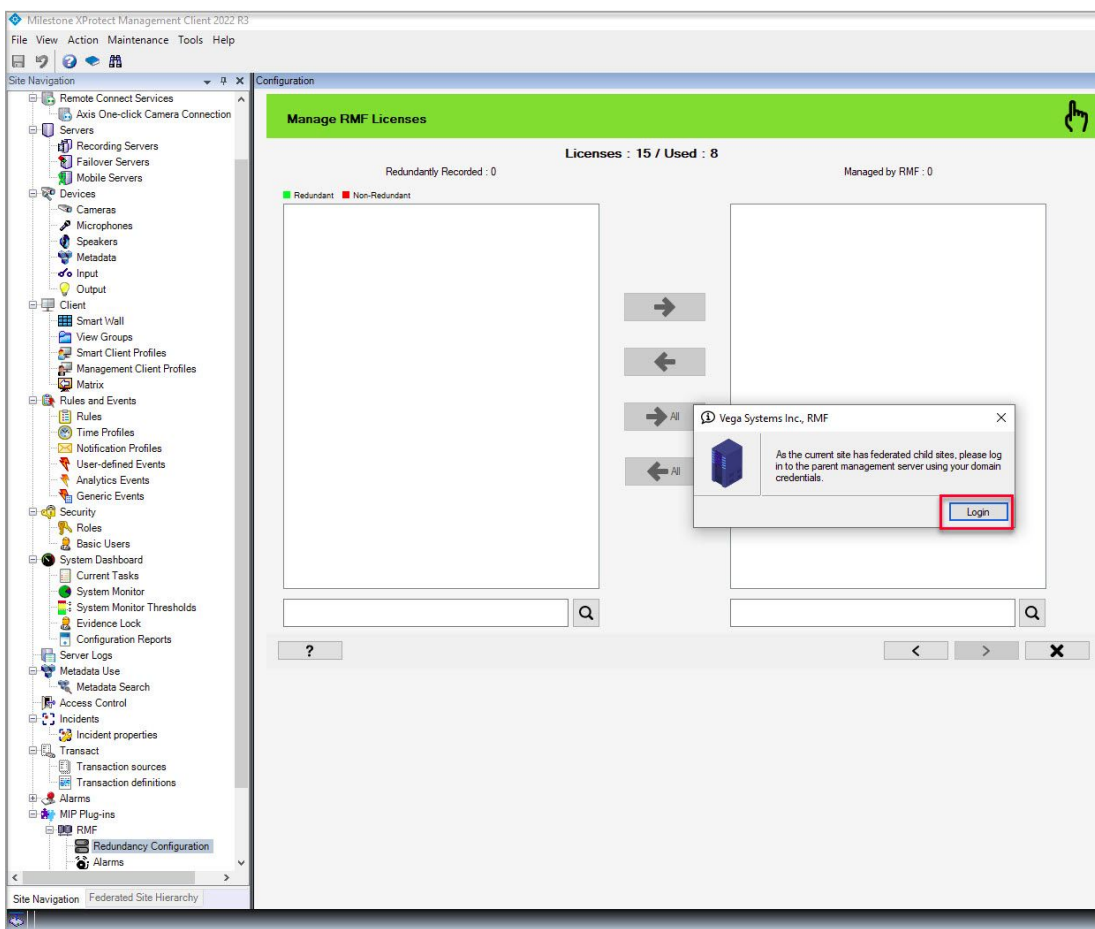
Step 10: Goto Site Navigation → Servers → Recording Servers on Parent Management Server (Federated Deployments)
Goto Site Navigation → Servers → Recording Servers on Management Server (Non-Federated Deployments)
Right-click Recording Servers and click Refresh to refresh the camera list.



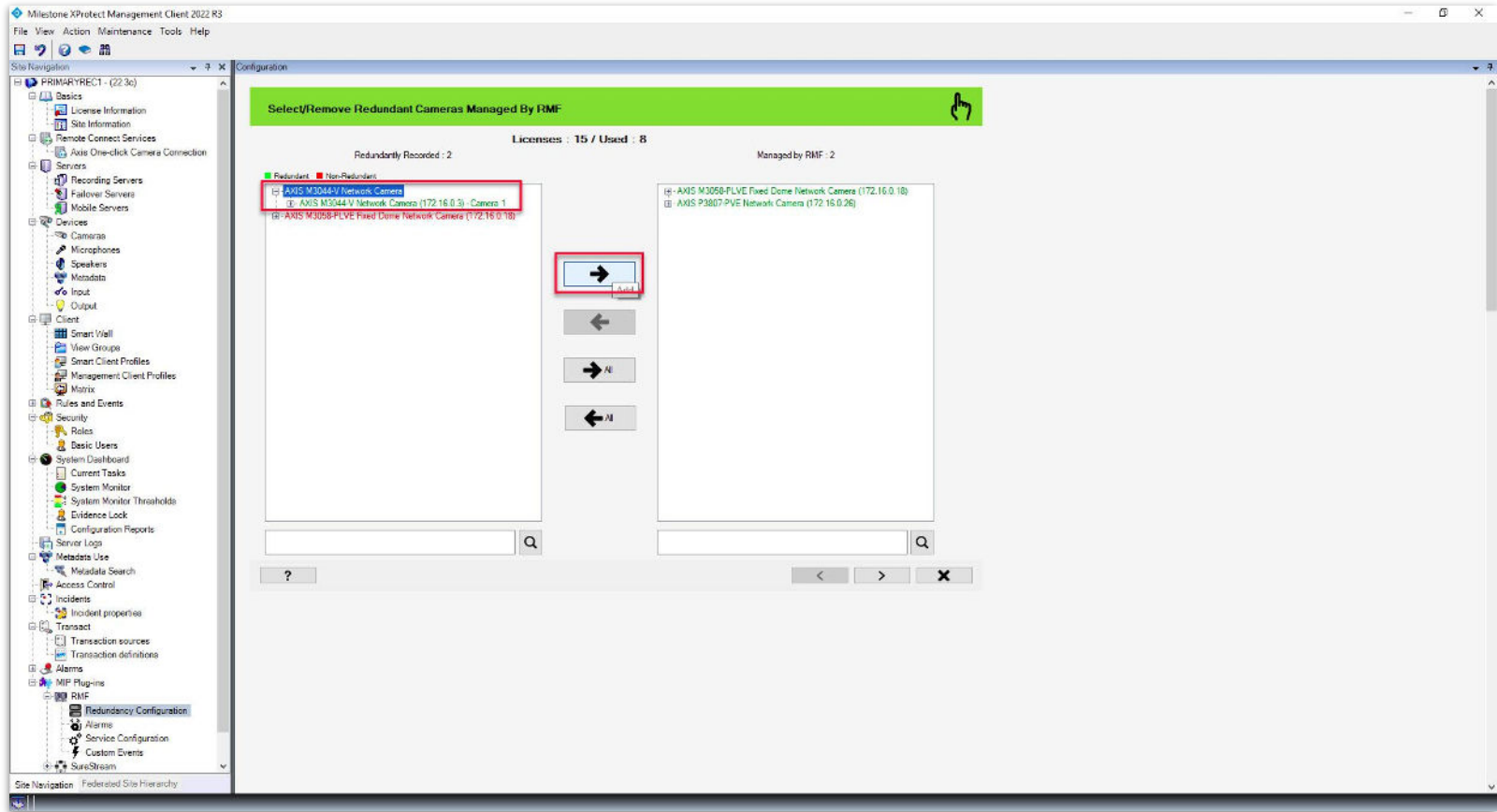
Step 11: Select the **RMF** plugin from **Site Navigation** → **MIP Plugins**.
Expand **RMF** and select **Redundancy Configuration**



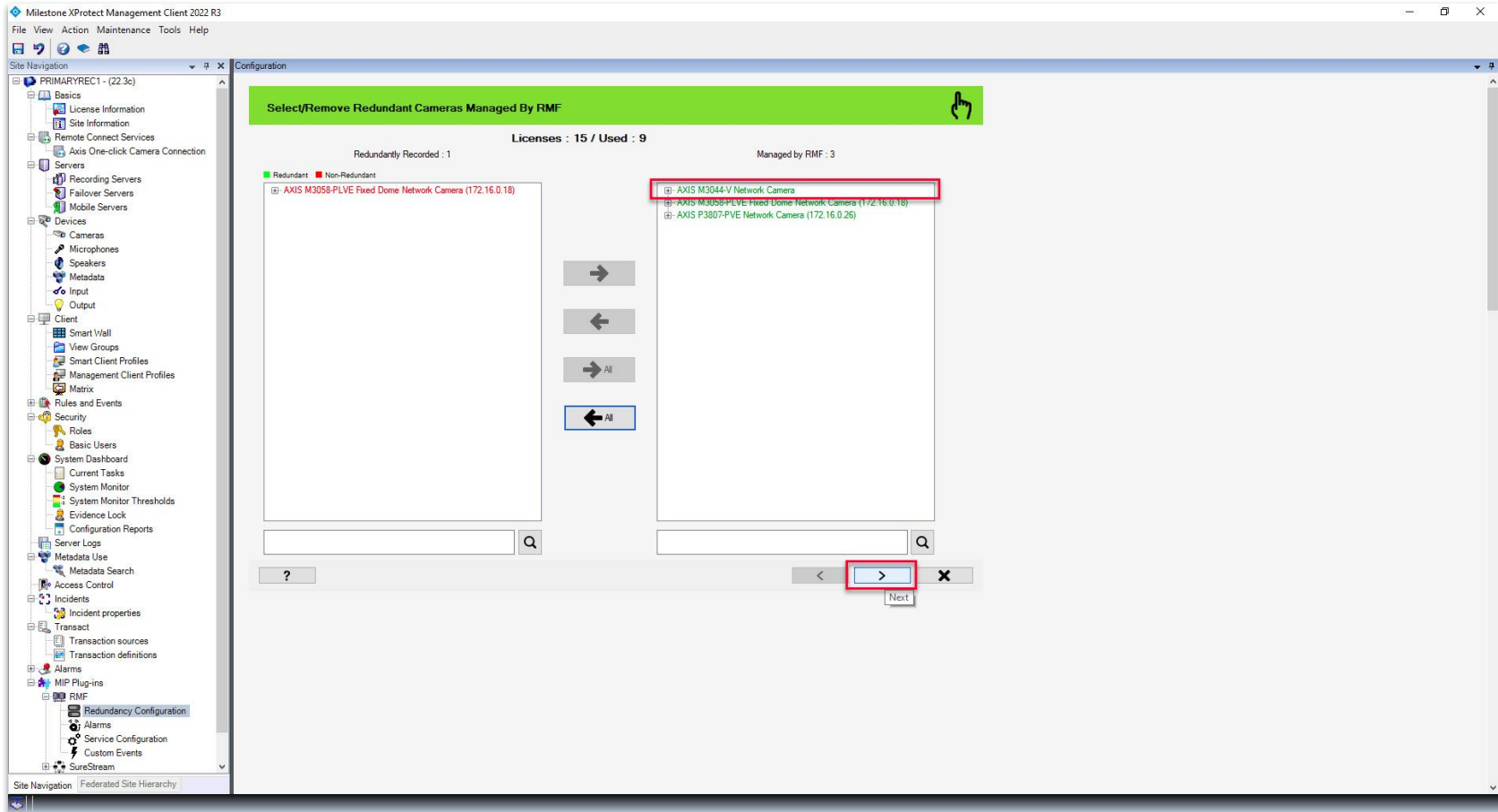
Step 12: Choose **Manage RMF Licenses** from the list.



Step 13: Login into the Parent Management Server as a domain user with admin privileges. (Federated Deployments)
Login into Management Server as a user with admin privileges (Non-Federated Deployments)



Step 14: The replaced camera is moved from the Managed by RMF list to the Redundantly Recorded list.
The license is automatically released for the camera.
Select the replaced camera and click Add to assign an RMF license.



Step 15: Click Next.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation

- Axis One-click Camera Connection
- Servers
 - Recording Servers
 - Failover Servers
 - Mobile Servers
- Devices
 - Cameras
 - Microphones
 - Speakers
 - Metadata
 - Input
 - Output
- Client
 - Smart Wall
 - View Groups
 - Smart Client Profiles
 - Management Client Profiles
 - Matrix
- Rules and Events
 - Rules
 - Time Profiles
 - Notification Profiles
 - User-defined Events
 - Analytics Events
 - Generic Events
- Security
 - Roles
 - Basic Users
- System Dashboard
 - Current Tasks
 - System Monitor
 - System Monitor Thresholds
 - Evidence Lock
 - Configuration Reports
- Server Logs
- Metadata Use
 - Metadata Search
- Access Control
- Incidents
 - Incident properties
- Transact
 - Transaction sources
 - Transaction definitions
- Alarms
 - MIP Plug-ins
 - RMF
 - Redundancy Configuration
 - Alarms
 - Service Configuration

Federated Site Hierarchy

Configuration

Connection Priority

Managed by RMF: 3 ☆ higher priority ⚙ lower priority

- AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)
- AXIS P3907-PVE Network Camera (172.16.0.26)
- AXIS M3044-V Network Camera (172.16.0.3)

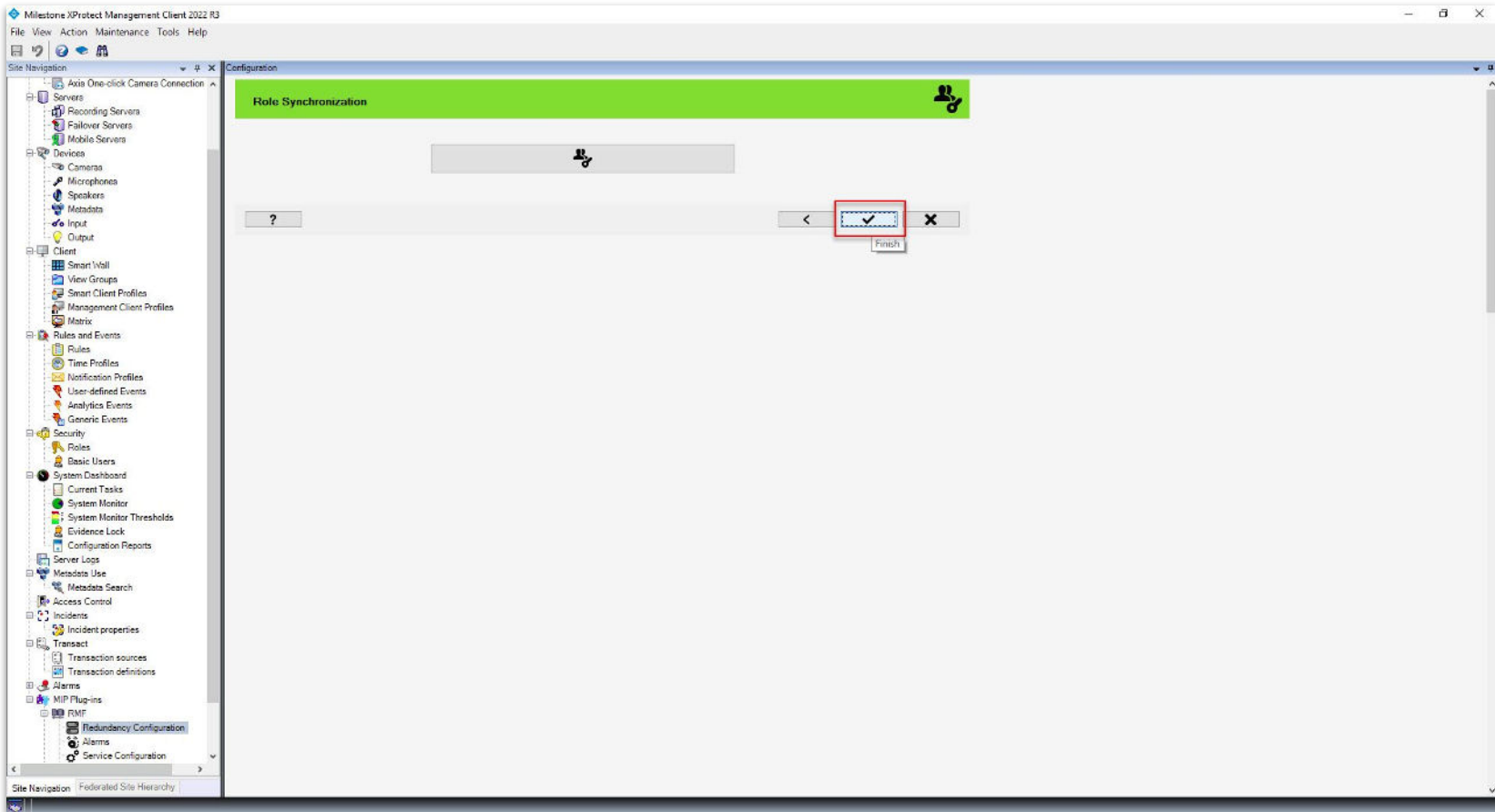
?

< **>** X

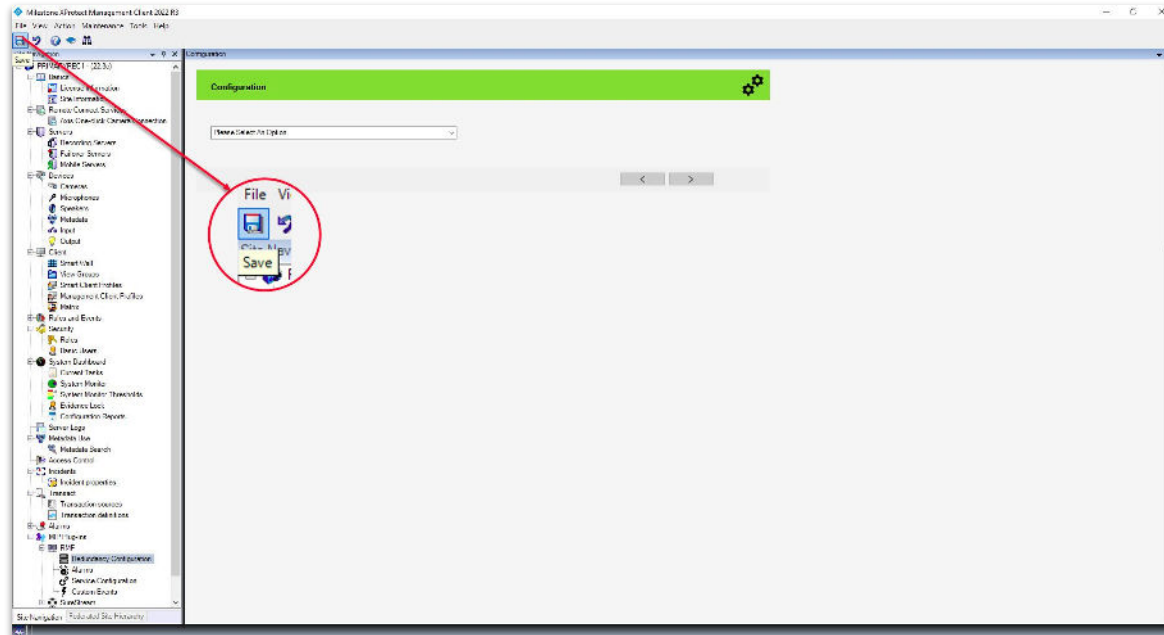
Next



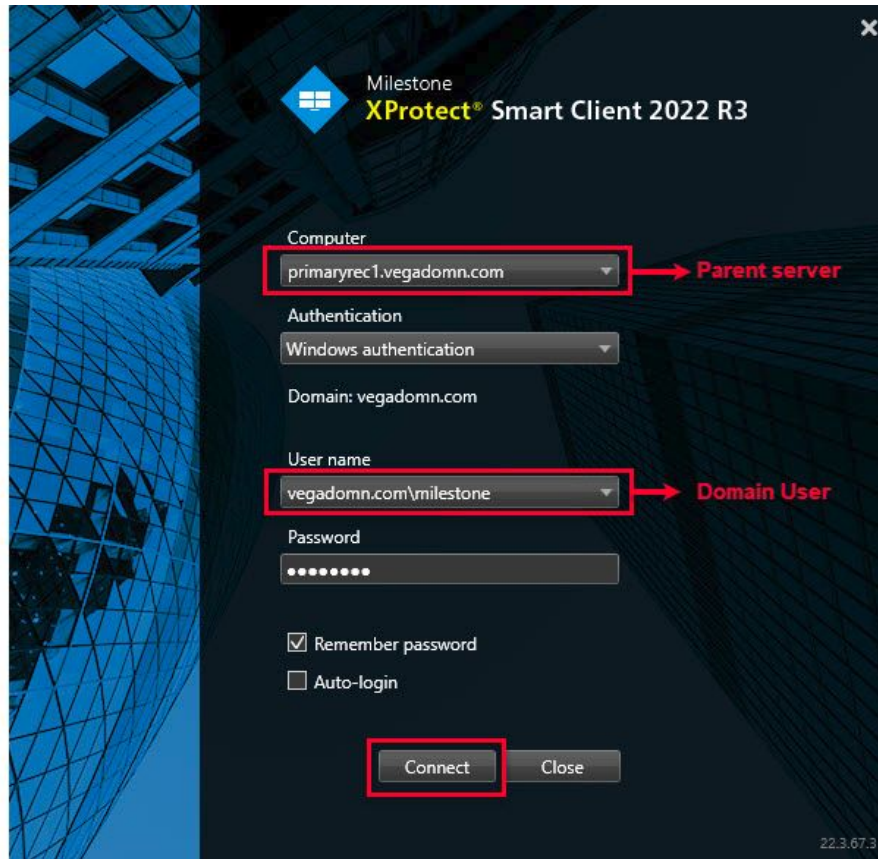
Step 16: Click Next.



Step 17: Launch the Role Replicator tool to ensure that any modifications made to roles are synchronized. Refer [Roles Synchronization](#) to synchronize roles. Click **Finish**.



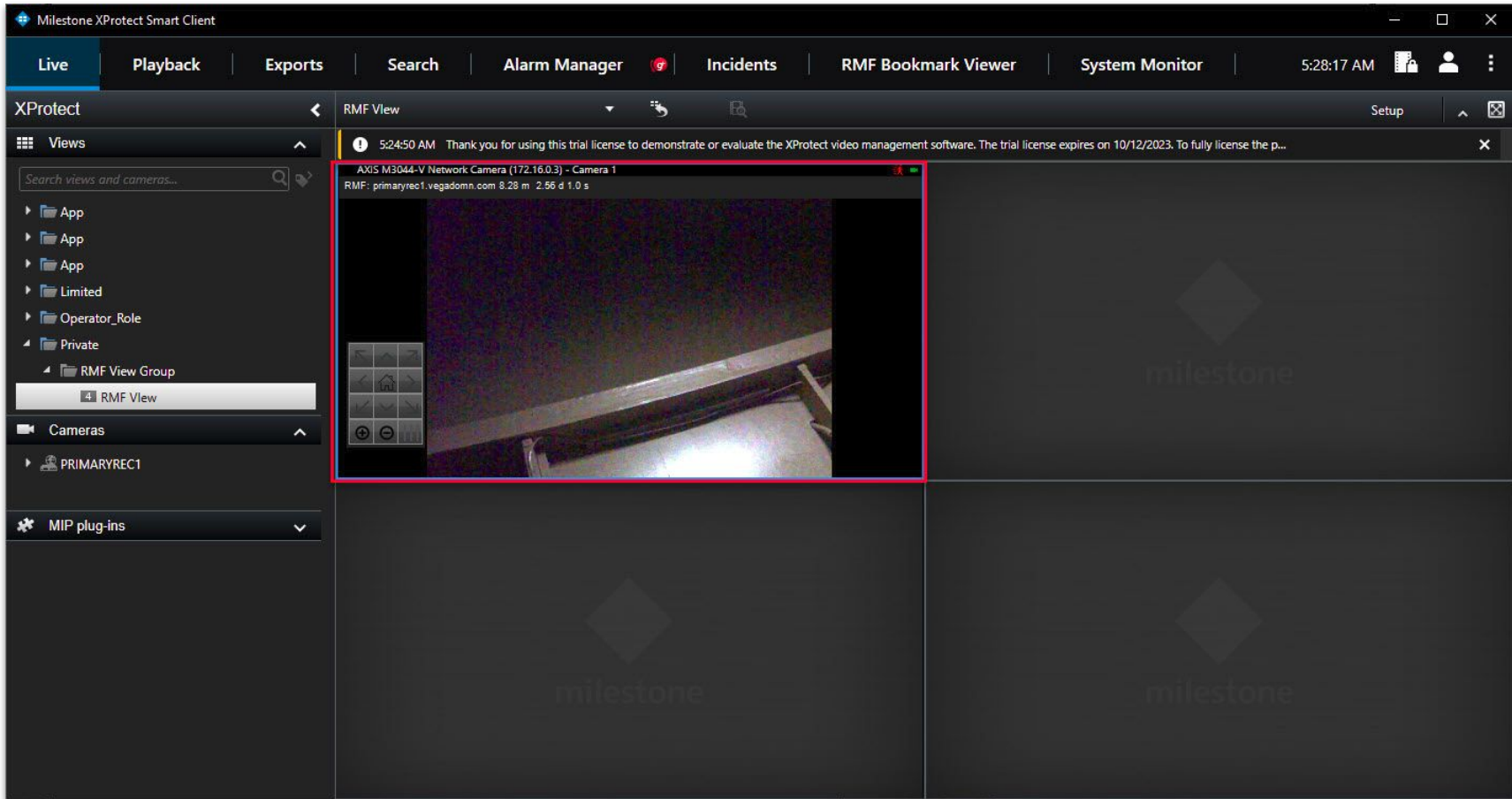
Step 18: Click **Save** to save the configuration.



Step 19: Open the **Smart Client**.

Login into the **Parent Management Server** using domain user credentials.(Federated Deployments)

Login into Management Server (Non-Federated Deployments)



Step 20: The view is updated with the replaced camera stream.