



# RMF - System Setup in Non-Federated Deployments

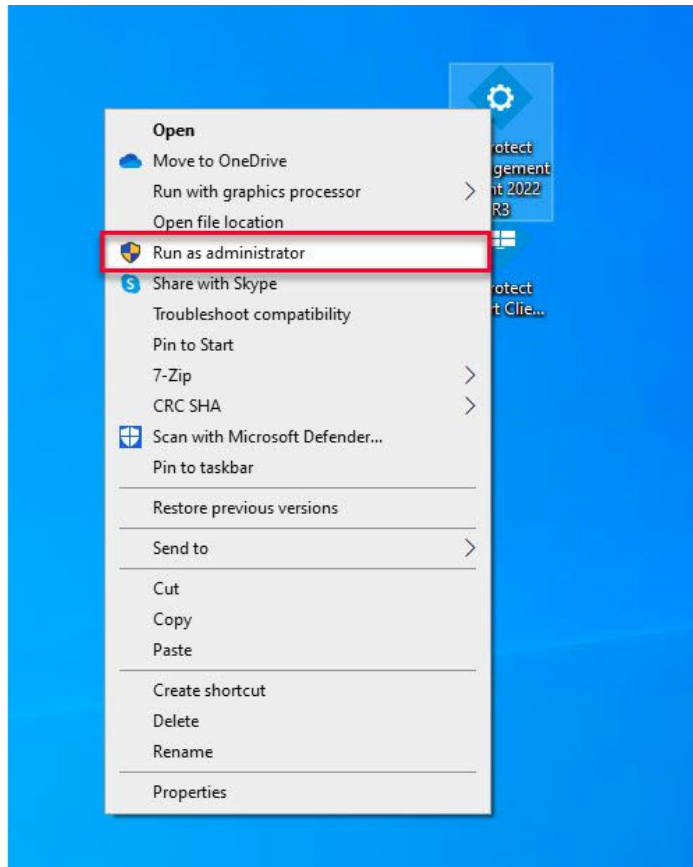
Vega Systems Inc.

03/27/2023

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

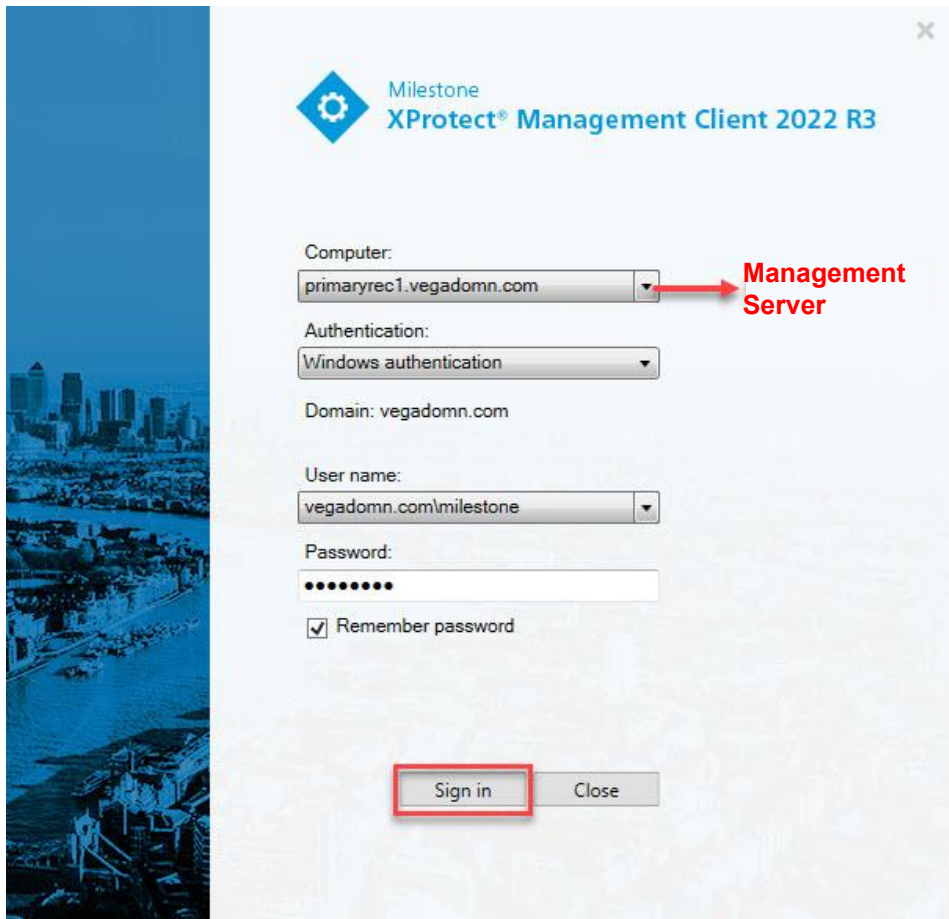


# Part 1: Prerequisites



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

**Note:** Run as administrator



**Step 2:** Login into the **Management Server** as an user with admin privileges.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation

- PRIMARYREC1 - (22.3c)
  - Basics
    - License Information
    - Site Information
  - Remote Connect Services
    - 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

Filter

- Recording Servers
  - PrimaryRec2-V6
  - PRIMARYREC1

Milestone XProtect Management Client 20

File View Action Maintenance Tools Help

Site Navigation

- PRIMARYREC1 - (22.3c)
  - Remote Connect Services
  - Recording Servers**
  - Failover Servers
  - Mobile Servers

Properties

Recording server information

Name: PrimaryRec2-V6

Description:

Host name: PrimaryRec2-V6.vegadomn.com

Local web server address: http://primaryrec2-v6.vegadomn.com:7563/

Web server address:

Time zone: (UTC-08:00) Pacific Time (US & Canada)

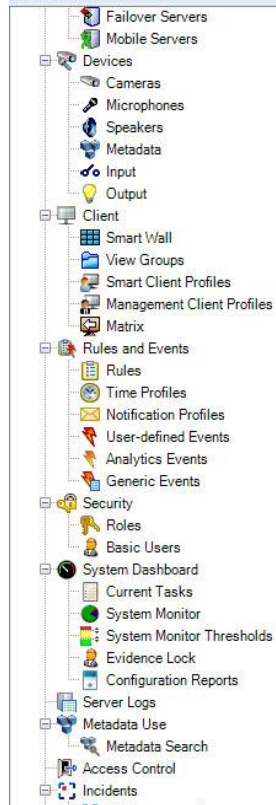
Info Storage Failover Multicast Network



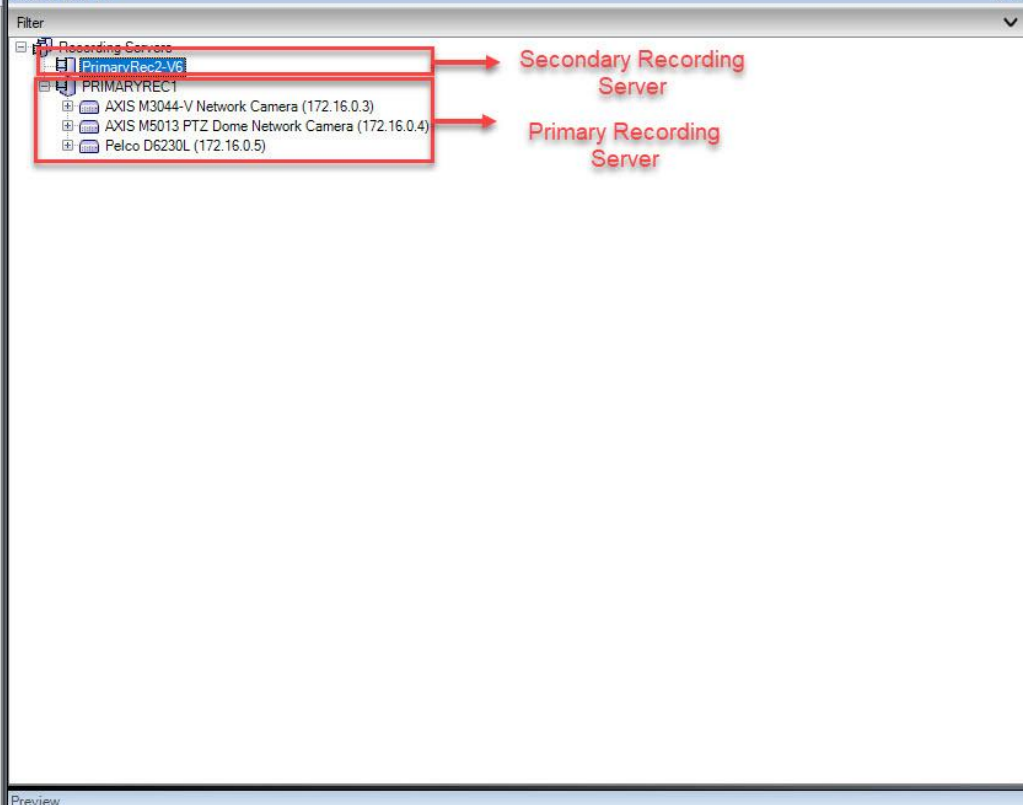
**Verification Step:** Select the **Servers** from **Site Navigation** → **Recording Servers**.  
Ensure the **primary** and **secondary** recording servers are listed.



Site Navigation



Recording Server



**Verification Step:** The camera list of the secondary recording server before replication.

**Note:** There are no cameras under the secondary recording server .

The screenshot displays the Milestone XProtect Management Client 2022 R3 interface. On the left is the 'Site Navigation' tree, and on the right is the main content area for the 'RMF' (Redundancy Management Framework) plugin.

**Site Navigation Tree:**

- PRIMARYREC1 - (22.3c)
  - Basics
    - License Information
    - Site Information
    - Remote Connect Services
    - Axis One-click Camera Connection
  - Servers
    - Recording Servers
    - Fallover Servers
    - Mobile Servers
  - Devices
    - Cameras
    - Microphones
    - Speakers
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    - Management Client Profiles
    - Matrix
  - Rules and Events
  - Security
    - Roles
      - Basic Users
  - System Dashboard
    - Current Tasks
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    - 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** (highlighted with a red box)
    - MIP SDK Samples
    - SureStream

**Main Content Area (RMF):**

### Redundancy Management Framework

The *Redundancy Management Framework (RMF)* seamlessly integrates with Milestone XProtect VMS to assist facilities in maintaining high-security standards while minimizing the impact of potential failures. Some of its key features include:

- Cause Agnostic Failure detection:** RMF integrates failure detectors into each Smart Client view window to identify and address issues quickly.
- Rapid mitigation:** With near instantaneous live video recovery and automatic playback sourcing, RMF ensures constant access to critical video data.
- Flexible, asymmetric redundancy:** RMF offers greater flexibility in redundancy configurations, allowing cameras to be distributed across multiple secondary servers or aggregated into fewer secondary recorders.
- Support for XProtect Federation:** RMF provides redundant recording and sourcing capabilities in an XProtect federated architecture, ensuring uninterrupted situational awareness for end users during total site failures.

RMF is a valuable tool for seamlessly and efficiently managing redundant video in various settings, including airports, seaports, data centers, campuses, transportation networks, or cities.

We hope you enjoy our product.

Website - [www.vega25.com](http://www.vega25.com)  
Email - [support@vega25.com](mailto:support@vega25.com)

**License Information:**

Demo for 15 channels - Expires on 3/31/2023  
Used here - 5, Other sites - 8

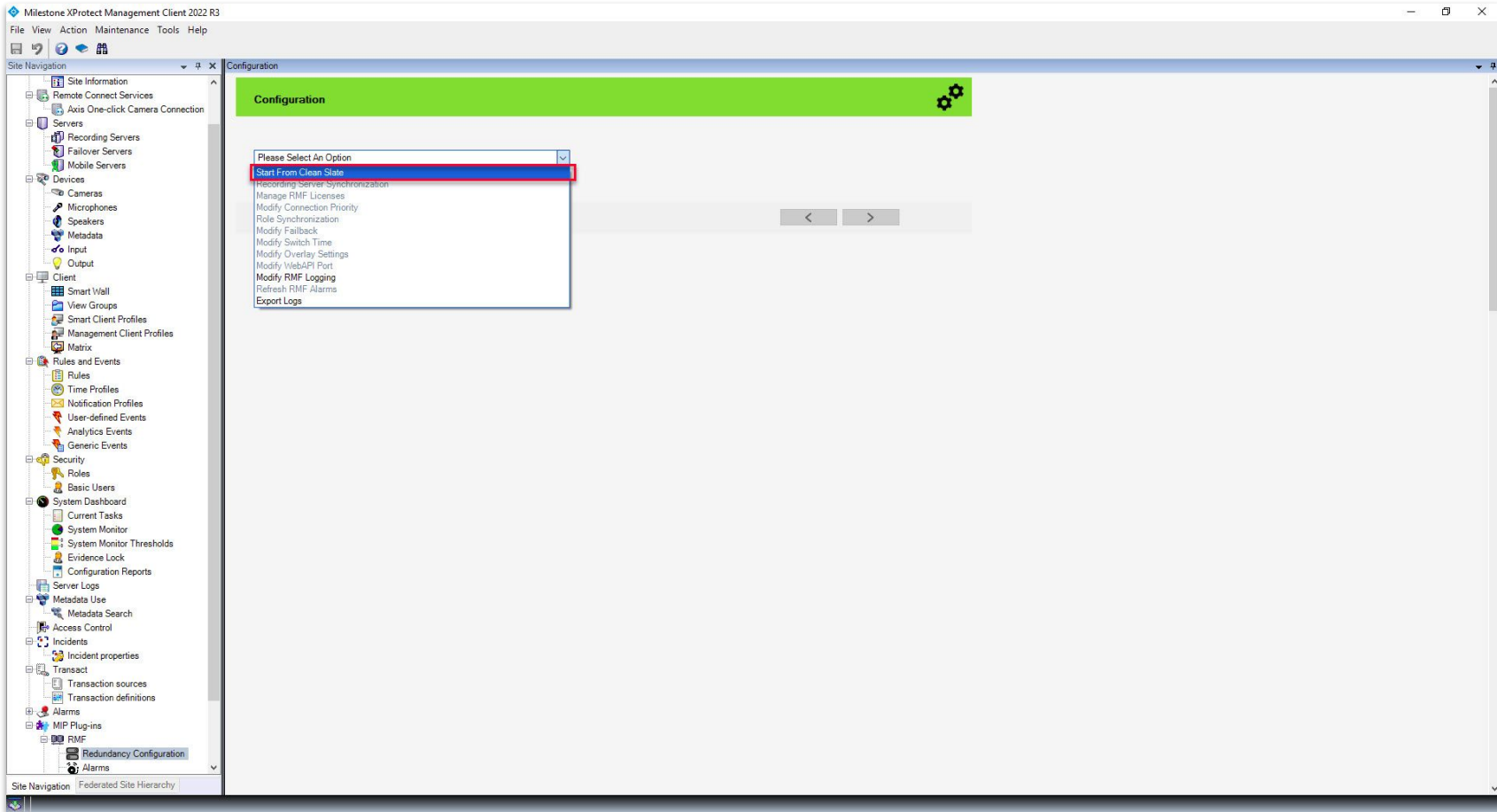
Version - 5.2.0

**MIP Plug-ins Panel:**

- MIP Plug-ins
  - RMF** (highlighted with a red box)
  - MIP SDK Samples
  - SureStream

**Step 3:** Select the RMF plugin from Site Navigation → MIP Plug-ins





**Step 4: Expand RMF and select Redundancy Configuration.**  
Choose **Start From Clean Slate** from the list.



File View Action Maintenance Tools Help

Site Navigation Configuration

Is this a federated child site?

?

Help

Could you please confirm if the current site is a Federated Child Site?

OK

Site Navigation Federated Site Hierarchy

**Step 5:** Since this is not a “**Federated Child**” site, select **No**.  
Click **Next**.

**Please Confirm - 1/4**

Please verify whether there are a minimum of two recording servers that have been added to the Milestone System. It is important to note that in federated deployments, one of these recording servers can be located on a child server.

LAN Management Server Recording Server 1 Recording Server 2

< > >>

**Please Confirm - 2/4**

Please confirm that one of these servers is ready to be labeled as the primary server and the other as the secondary server.

LAN Management Server Recording Server 1 Recording Server 2

Primary Secondary

< > >>

**Please Confirm - 3/4**

Please verify if there is at least one camera that has been added to a primary server.

LAN Management Server Recording Server 1 Recording Server 2

< > >>

**Please Confirm - 4/4**

Please confirm that needed streams are configured in the primary recording server.

Primary and secondary servers must have the same stream definitions for each redundantly recorded camera. But each server is free to choose any stream from this set.

With symmetric redundancy, primary and secondary servers obtain identical streams from a camera. With asymmetric redundancy, different streams are sourced.

LAN Management Server Recording Server 1 Recording Server 2

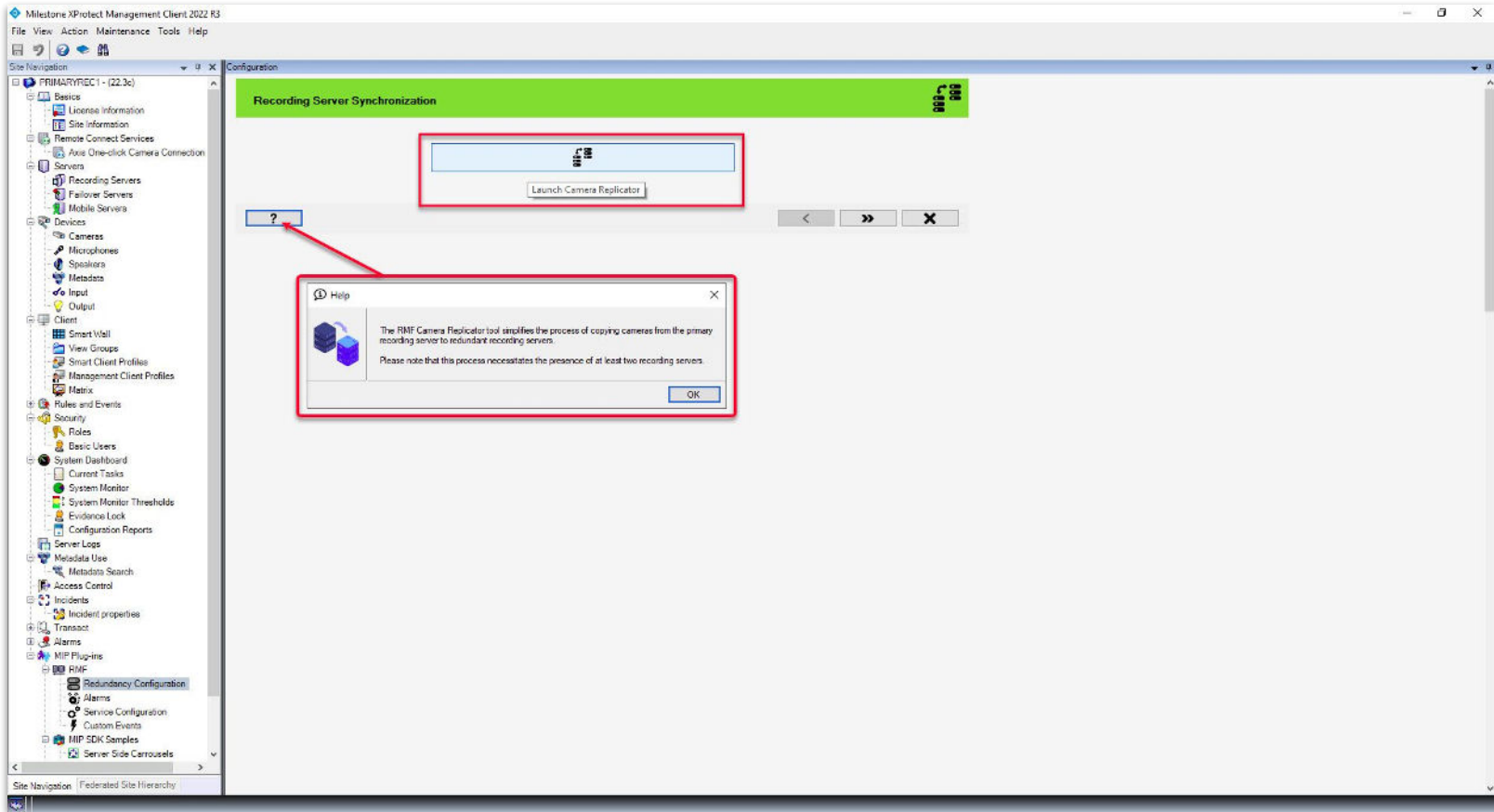
Stream1 Stream2 Stream3

< > ✓

**Step 6:** Read all the information provided and **confirm all the prerequisites are met.**  
Click **Next** for all four steps.



## **Part 2: Camera Replication/Synchronization**



**Step 1:** Click the **Launch Camera Replicator** button. The **RMF Camera Replicator** helps to copy cameras seamlessly from primary recording servers to redundant recording servers.

**Note:** A Minimum of two servers should be configured to replicate cameras.

RMF Camera Replicator

### Connect to Site

Management Server address and credentials

Server:

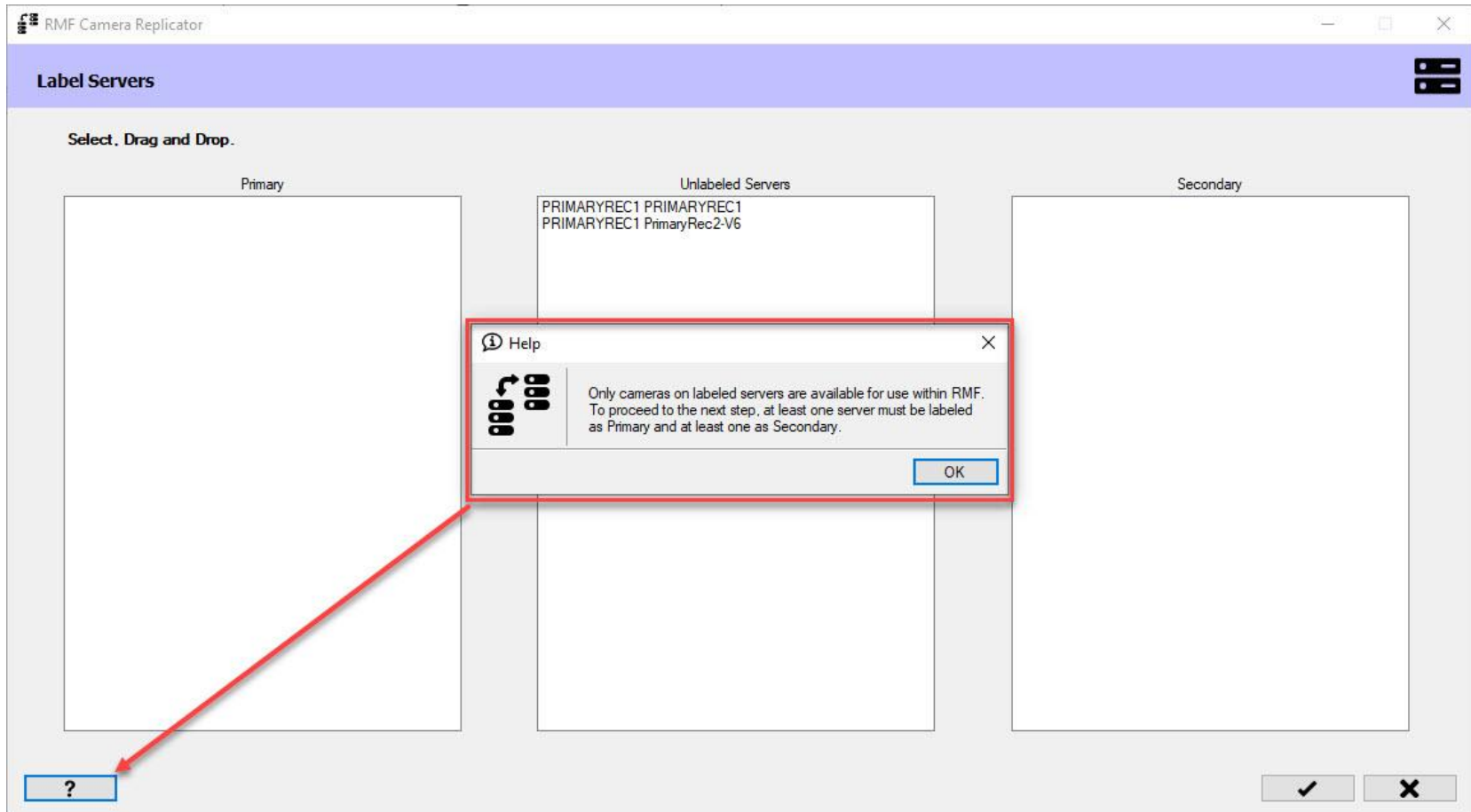
Authentication:

Username:

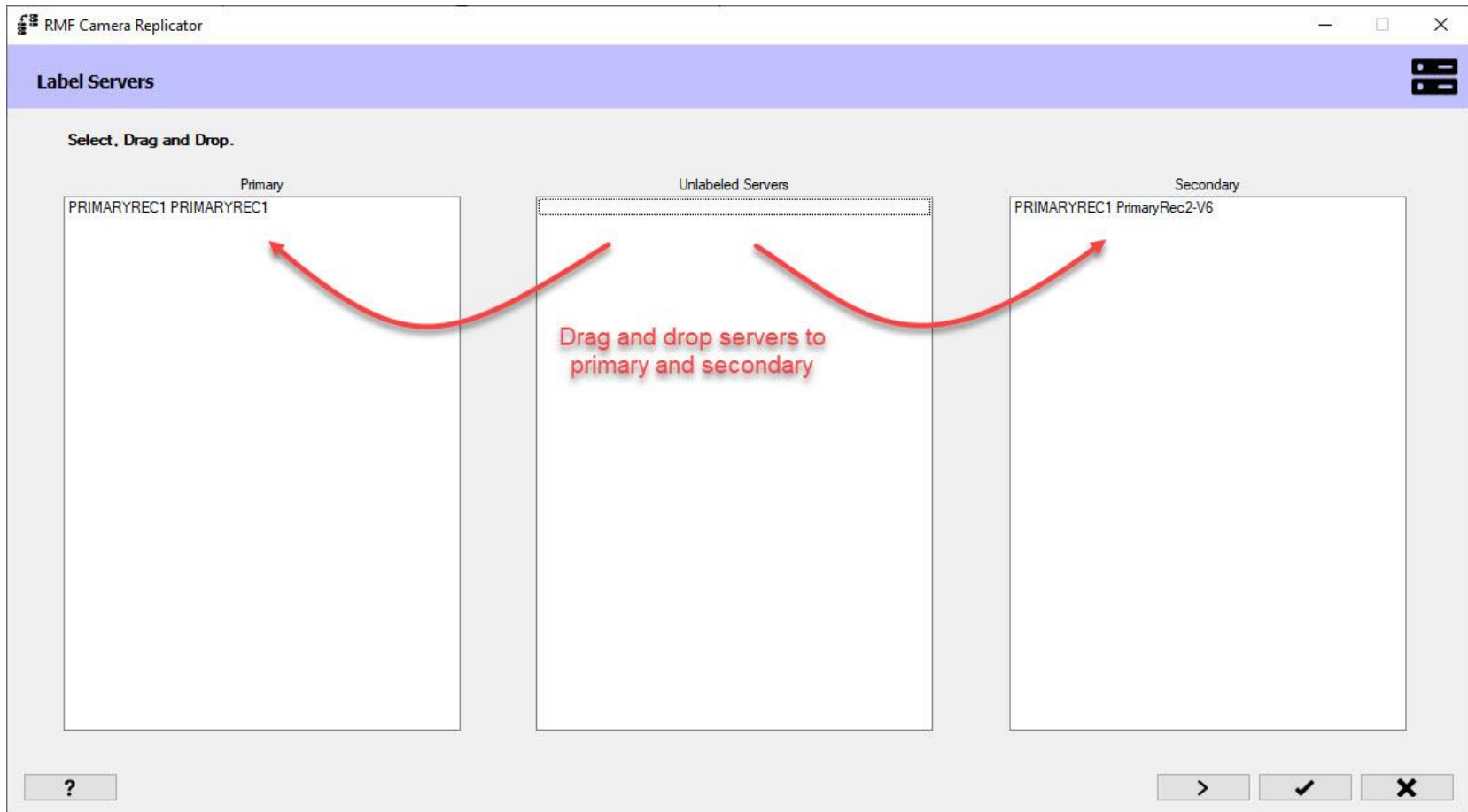
Password:

**Note:** If you're in an XProtect Federated Setup, please log in to the parent management server.

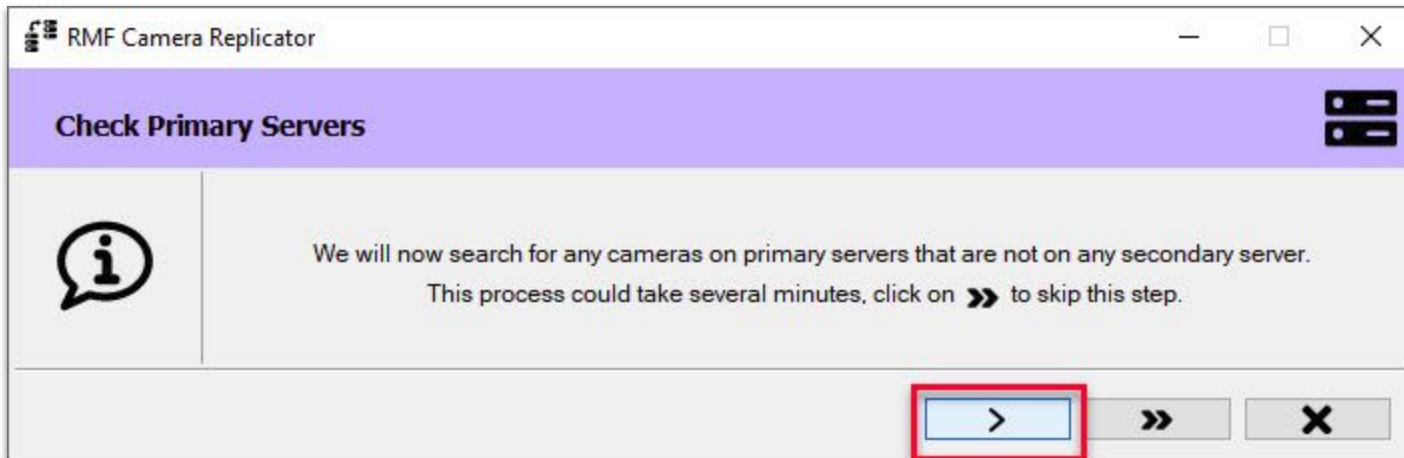
**Step 2:** Login into the **primary server** as a user with admin privileges.



**Step 3: Labelling Servers** - A list of all available recording servers is displayed. **Primary and Secondary servers must be labeled** to proceed with further configuration.

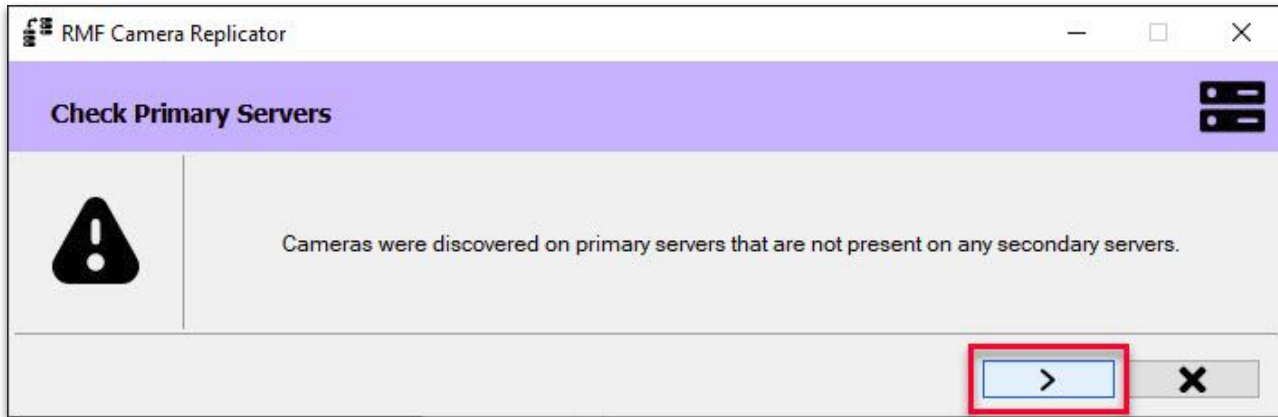
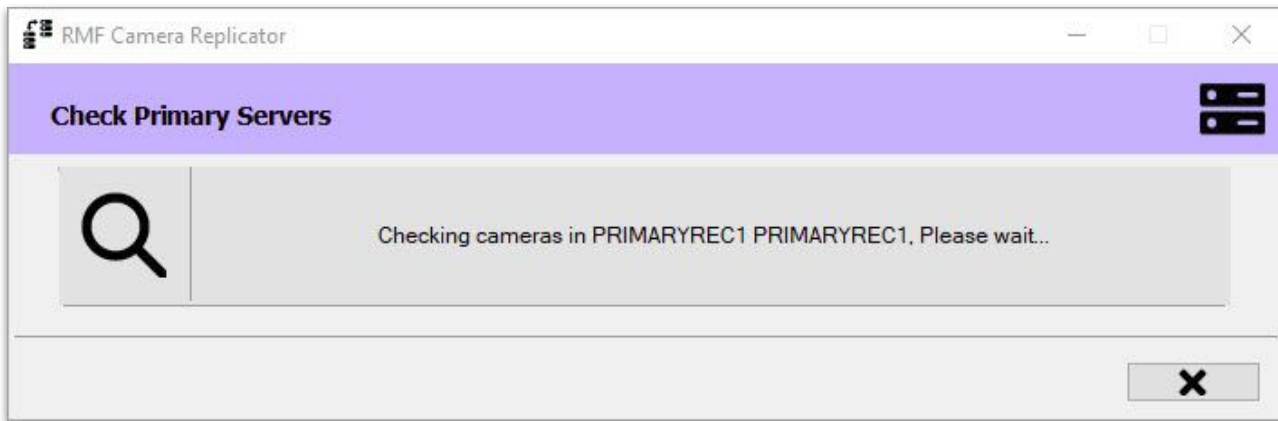


**Step 4:** Drag a server from the **Unlabeled Servers** list and drop it into the **primary** list. Similarly, drag and drop to the **secondary** list. Click **Next**.

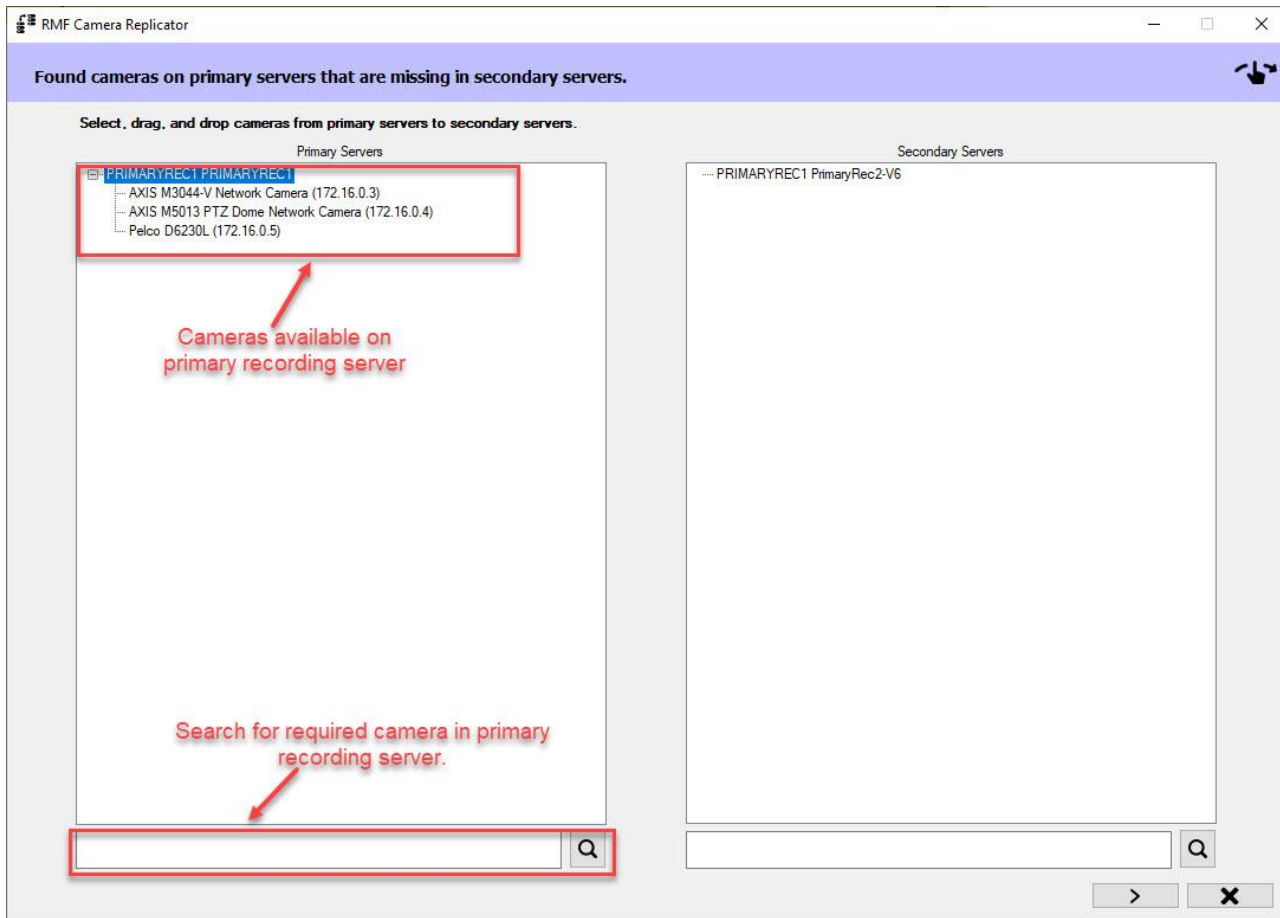


**Step 5:** Click **Next** to search for the **cameras on the primary server, not on the secondary server.**

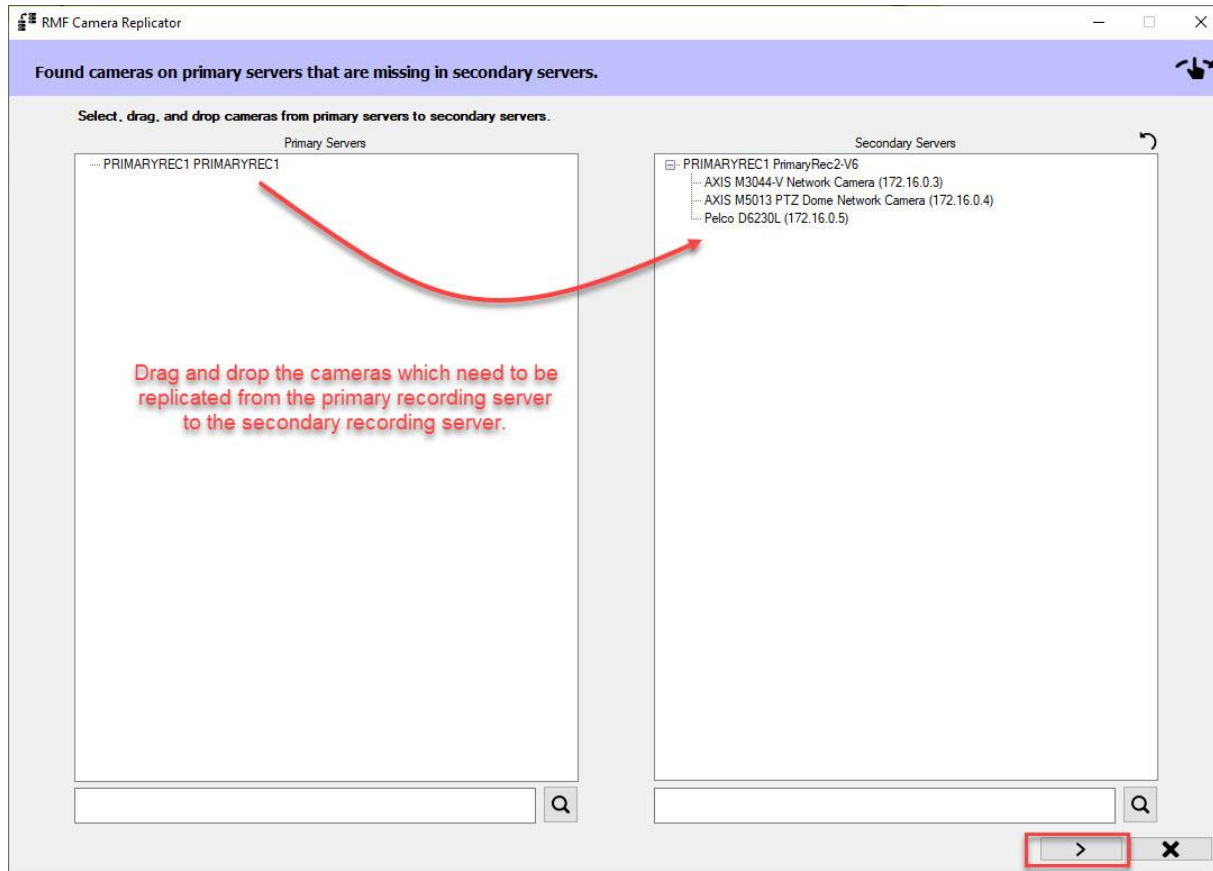




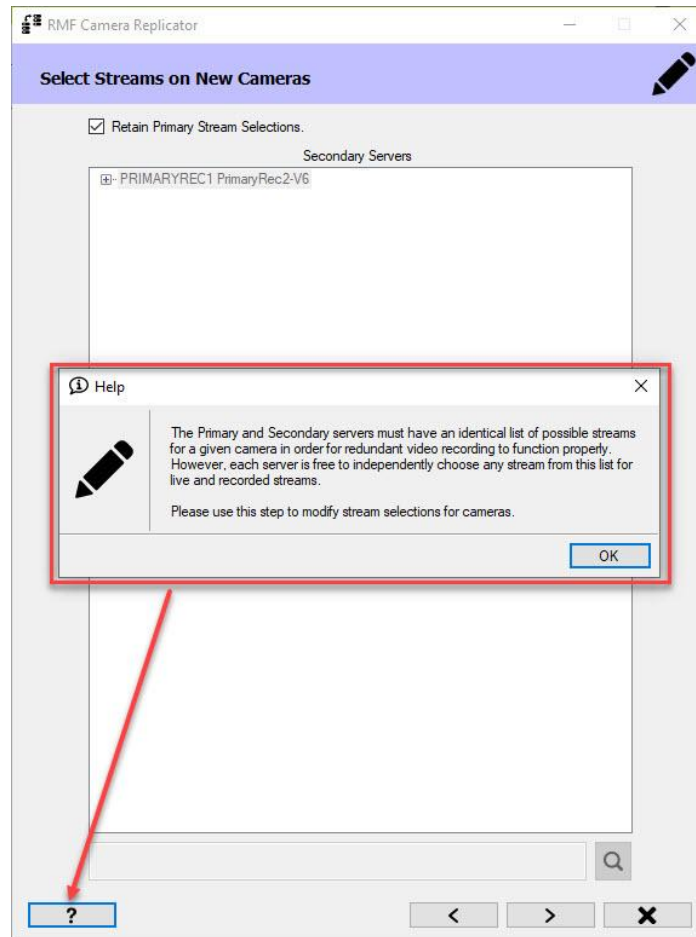
**Step 6:** Click **Next** to see the list of cameras found on the primary server and not on the secondary server.



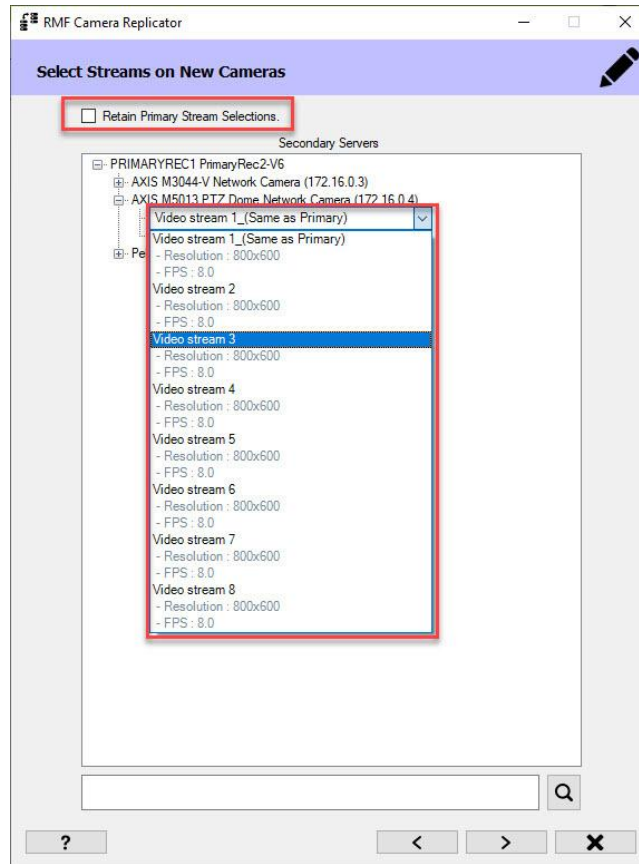
**Step 7:** Cameras found on the primary, not on the secondary, are listed under primary servers. Click the **Search** button to find a specific camera from the list.



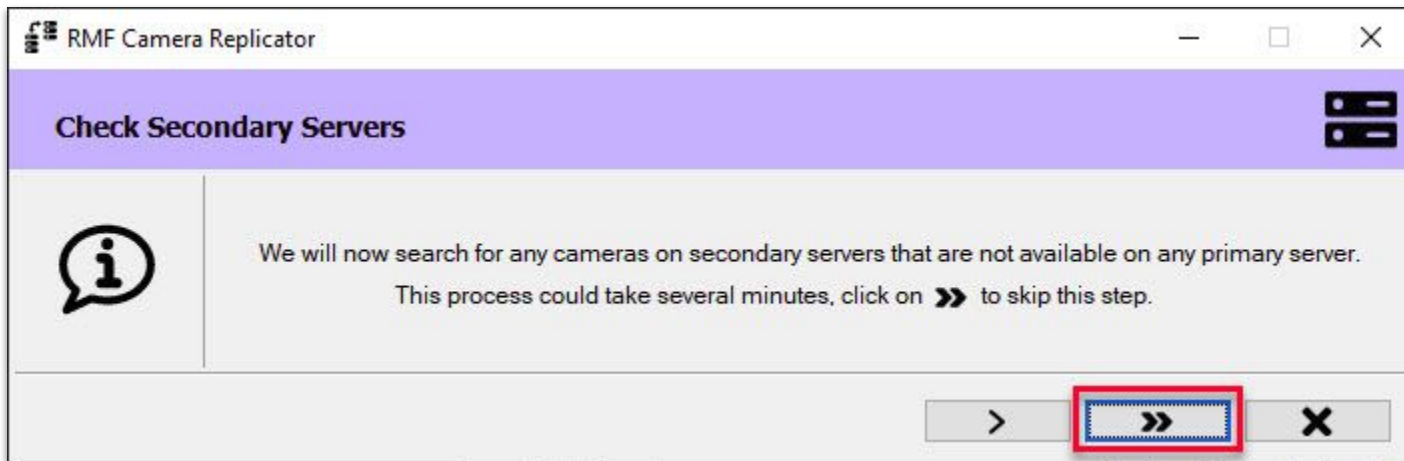
**Step 8:** Drag and drop the cameras that have to be replicated from the primary servers to the secondary servers. Click **Next**.



**Step 9:** Skip this step to copy the same stream configurations as in the primary.

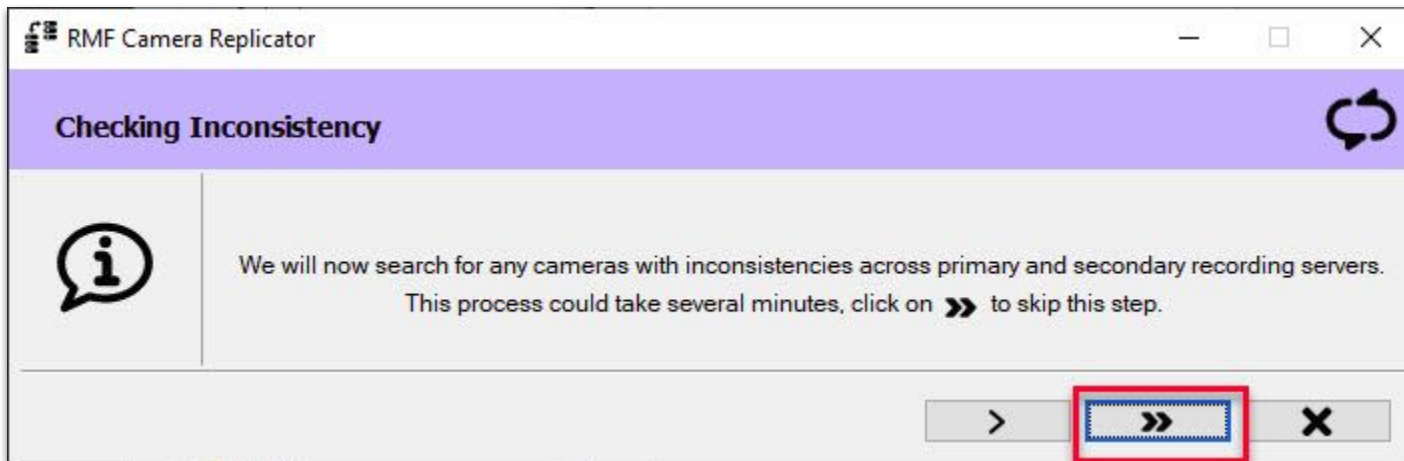


**Step 10: Uncheck the Retain Primary Stream Selections to change the stream configuration (video profile) for recording and live streaming for the selected camera in the secondary recording server.**



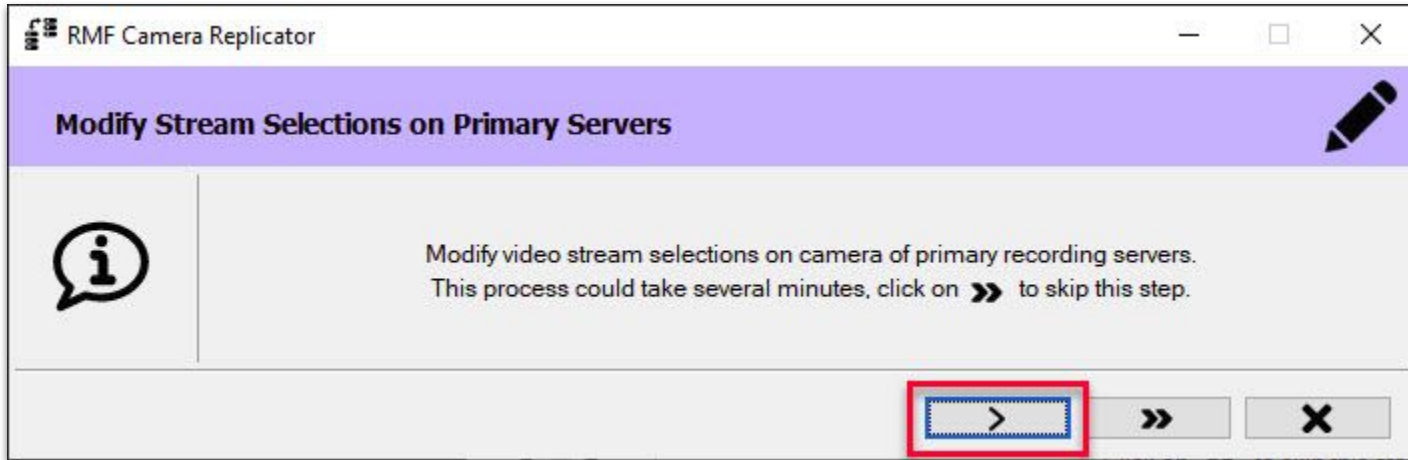
**Step 11:** Click **Skip**, as we have added cameras only on the primary server and replicating the same to the secondary server.

**Note:** Click **Next** if you want to find and replicate cameras from the secondary servers.



**Step 12:** Click **Skip**, we are configuring system for the first time and we do not have any cameras on the secondary server to check inconsistencies.

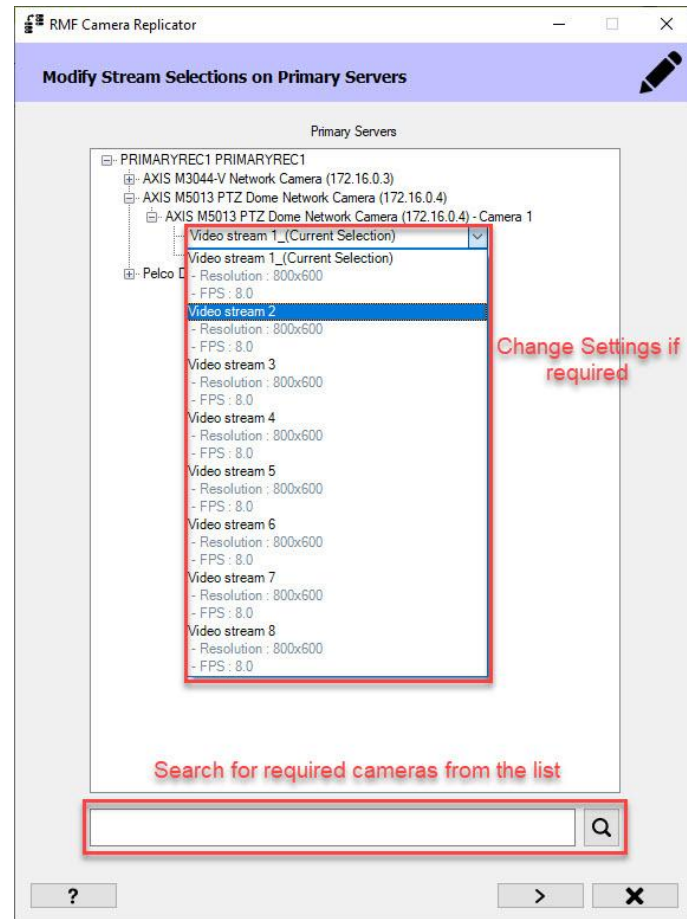
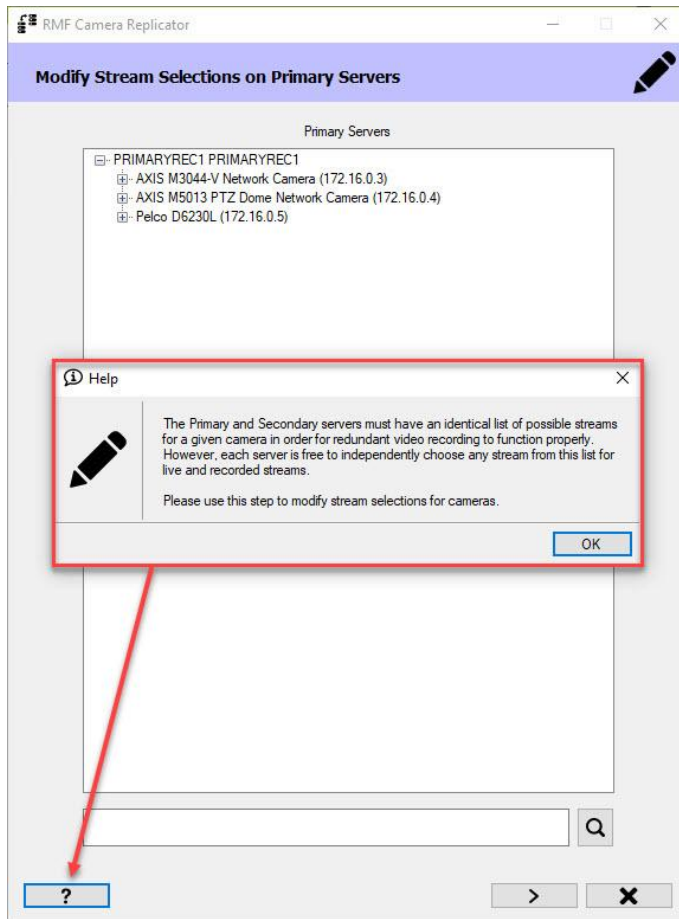
**Note:** Click **Next** to check inconsistencies, If there are cameras on both the primary and secondary servers.



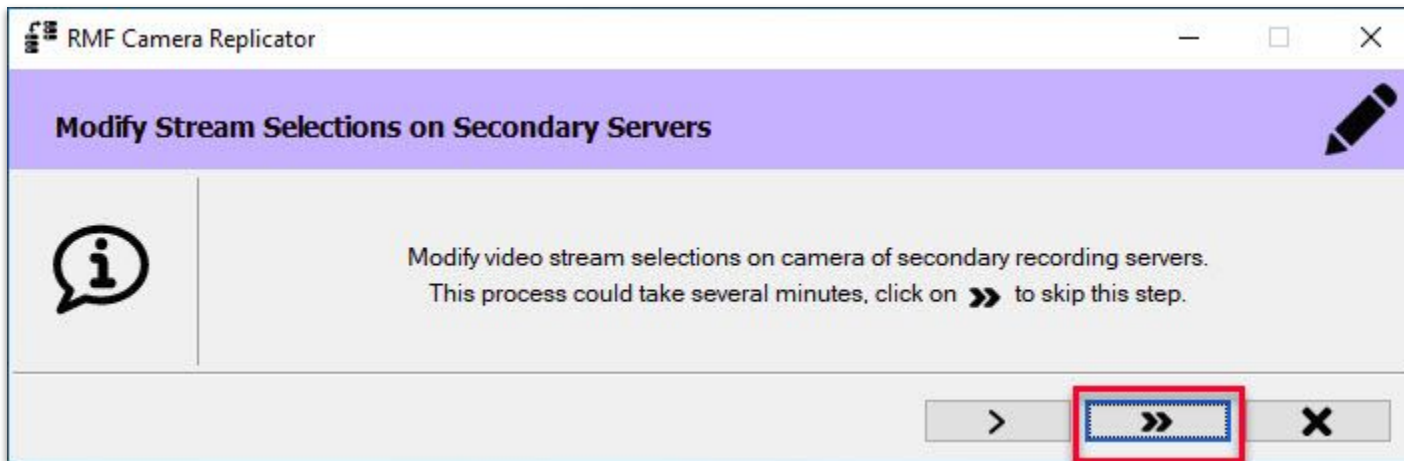
**Step 13:** Click **Next** to modify the video stream selection for the cameras on primary recording servers, if required.

**Note:** Click **Skip** to continue with the setup without modifying video stream selection on primary server cameras. (Goto [Step 15](#))





**Step 14:** Modify the video stream configuration for the cameras on primary recording servers, if required. Click **Next** and continue with the setup.



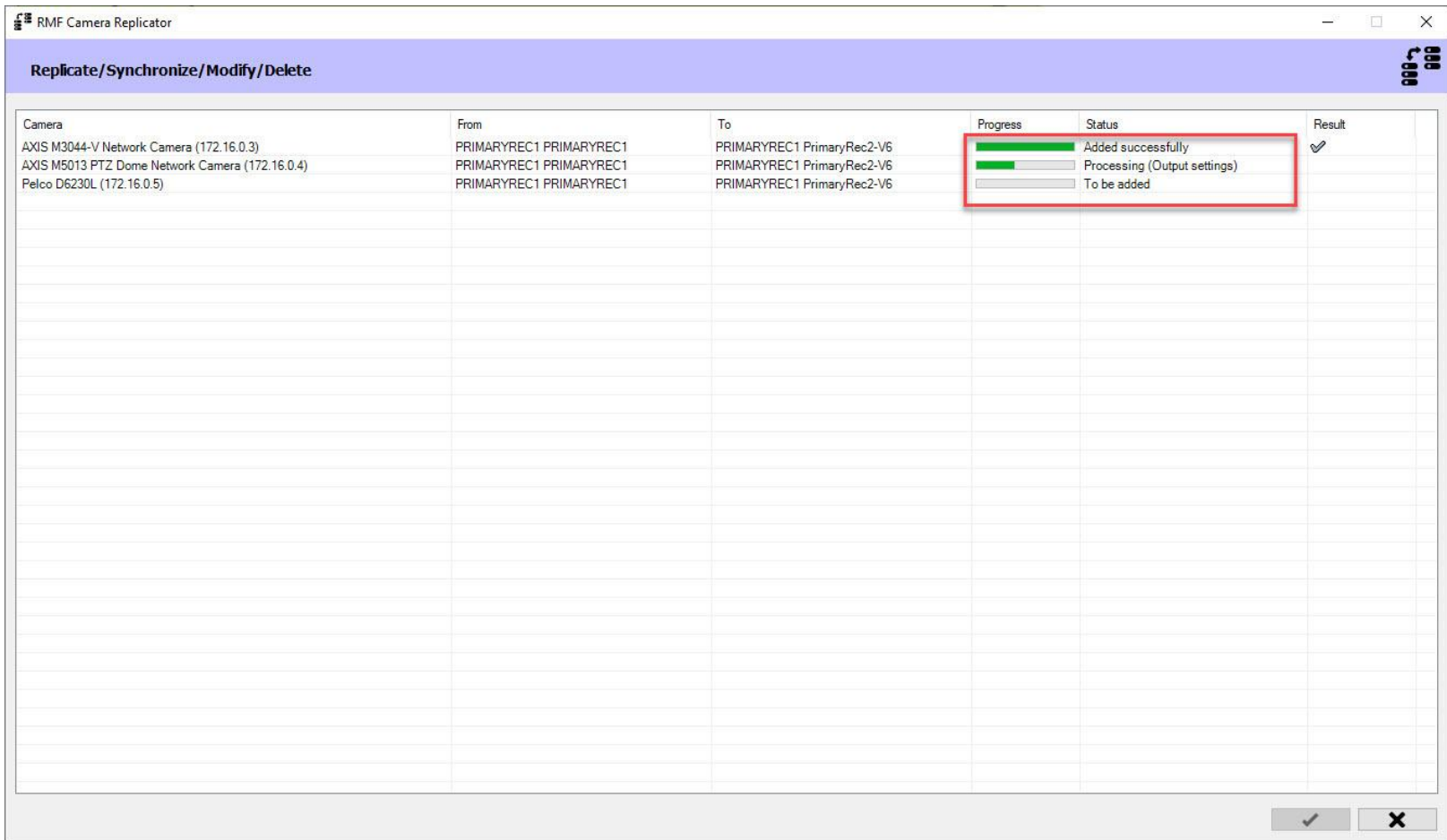
**Step 15:** Click **Skip** to continue the replication process.

**Note:** Click **Next** to modify the stream selection on cameras of secondary recording servers, if there are cameras on the secondary recording server.

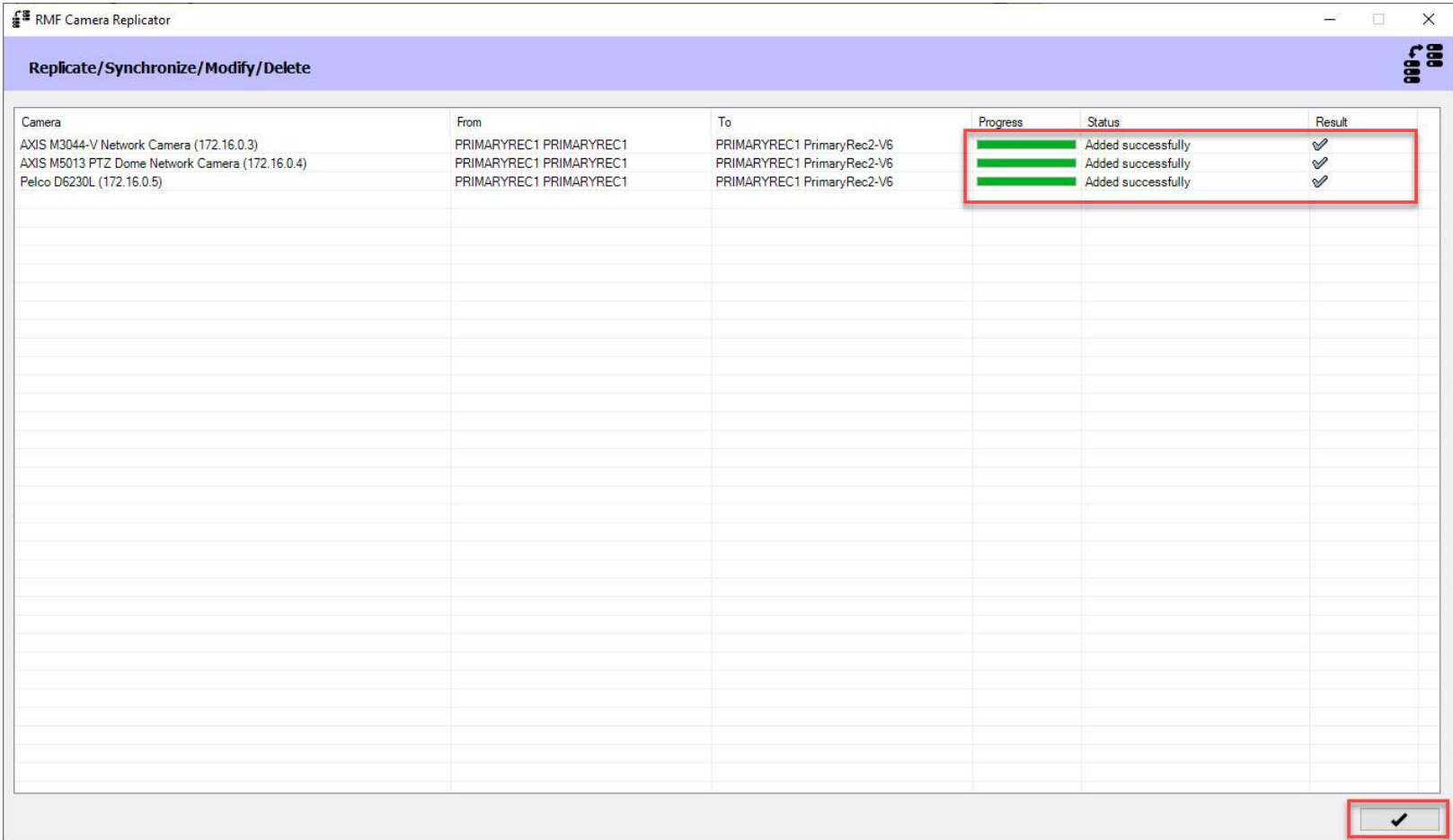
Camera	From	To	Status	Result
AXIS M3044-V Network Camera (172.16.0.3)	PRIMARYREC1 PRIMARYREC1	PRIMARYREC1 PrimaryRec2-V6	To be added	
AXIS M5013 PTZ Dome Network Camera (172.16.0.4)	PRIMARYREC1 PRIMARYREC1	PRIMARYREC1 PrimaryRec2-V6	To be added	
Pelco D6230L (172.16.0.5)	PRIMARYREC1 PRIMARYREC1	PRIMARYREC1 PrimaryRec2-V6	To be added	

**Step 16:** Cameras selected for replication are listed. Click the **Replicate** button to copy the chosen cameras in the previous steps.



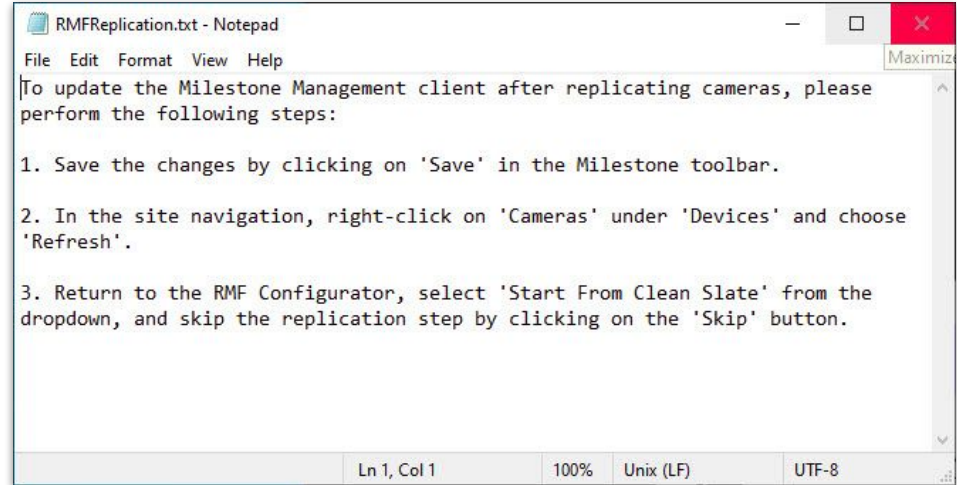
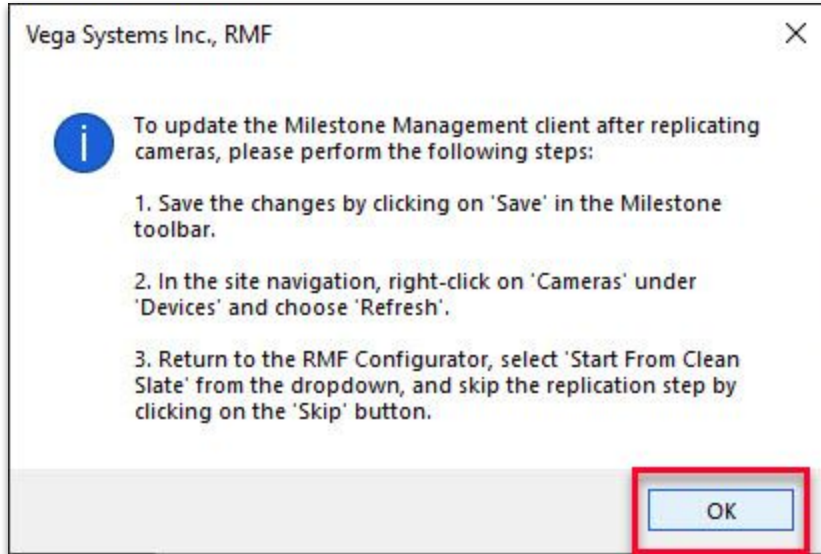


**Step 17:** The **status of the replication** of each camera is shown in the list.

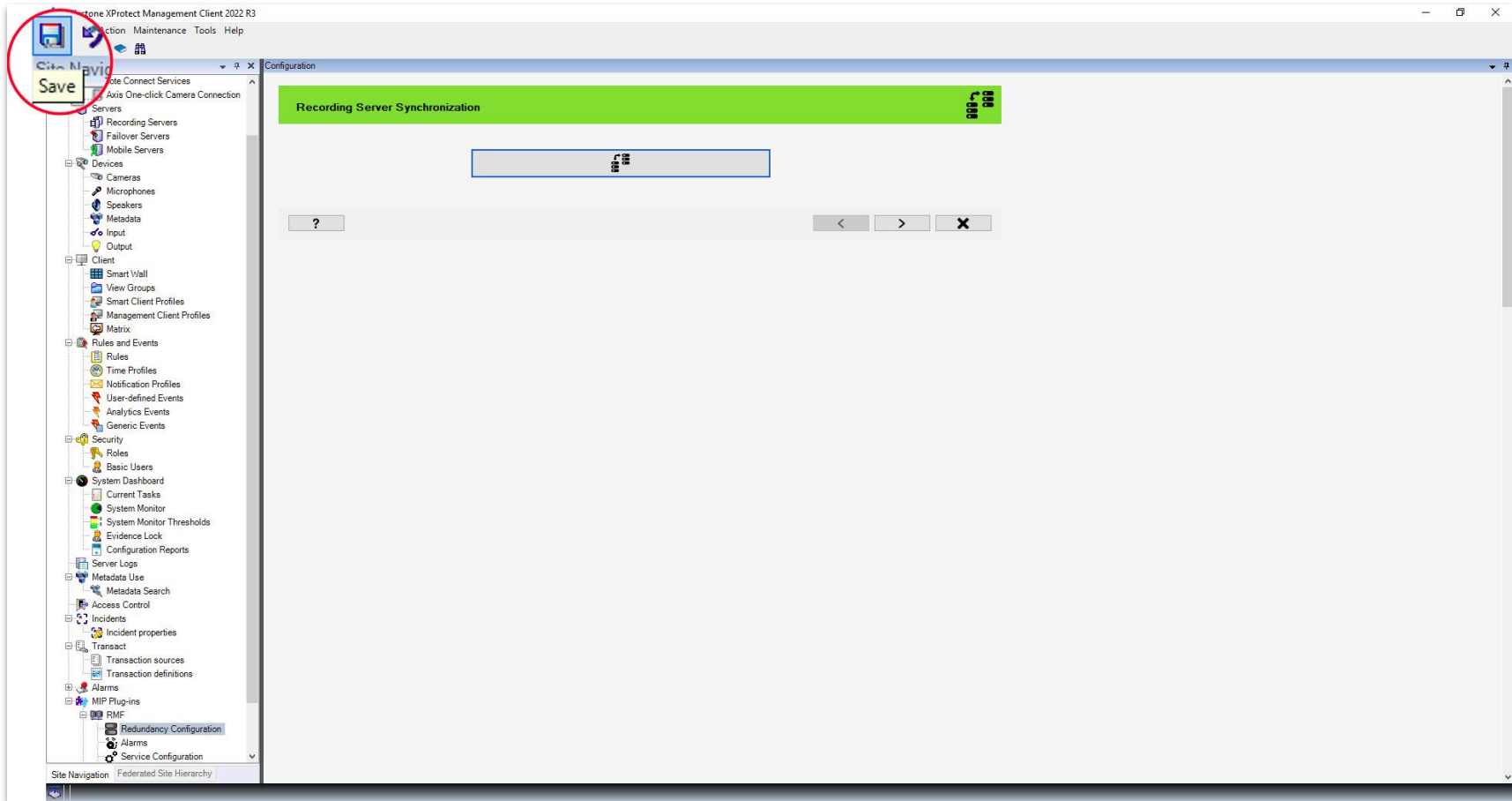


**Step 18:** Click the **Finish** button to complete the replication process.

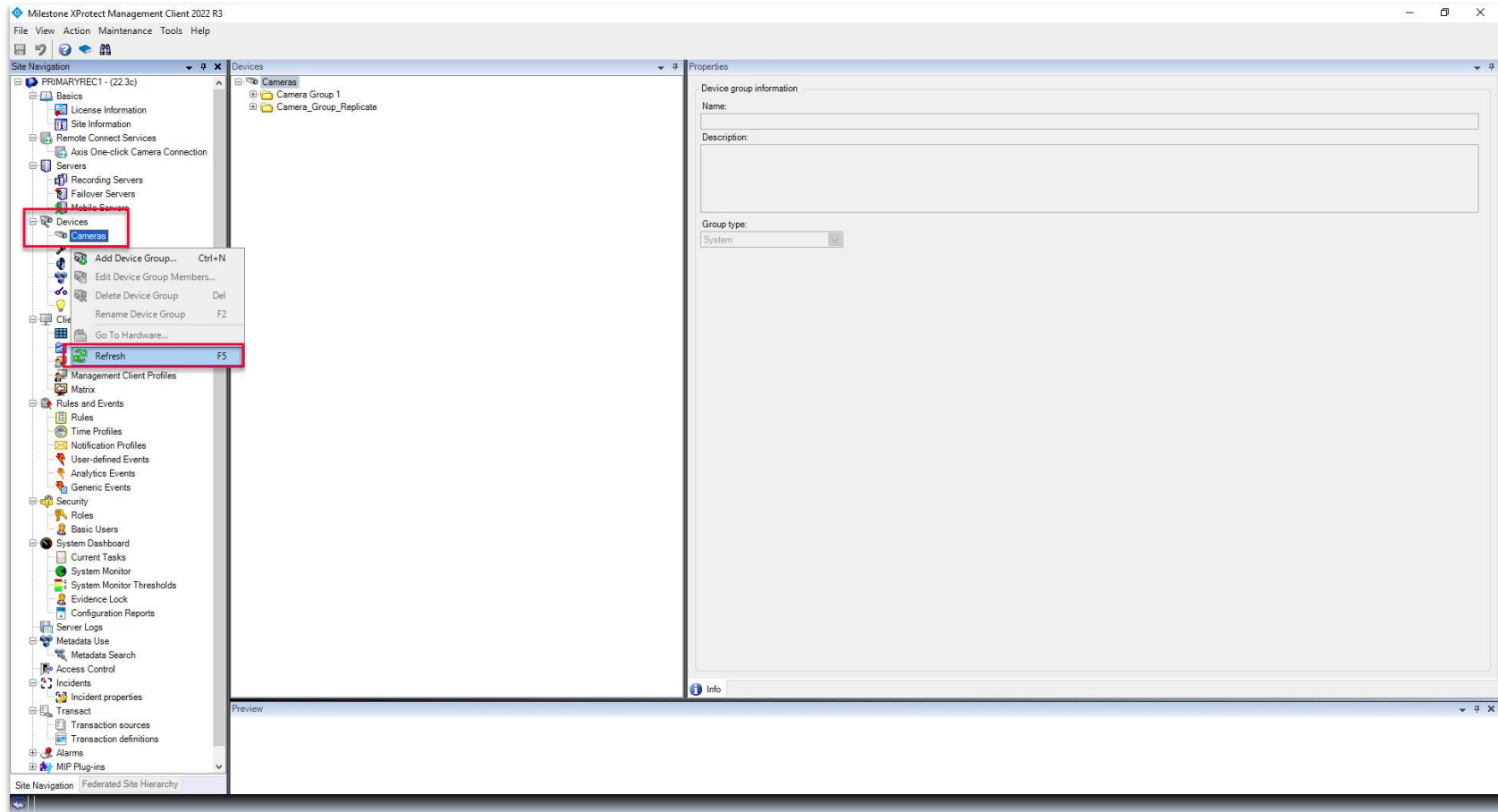




**Step 19:** Follow the steps mentioned above and **continue with the configuration.**

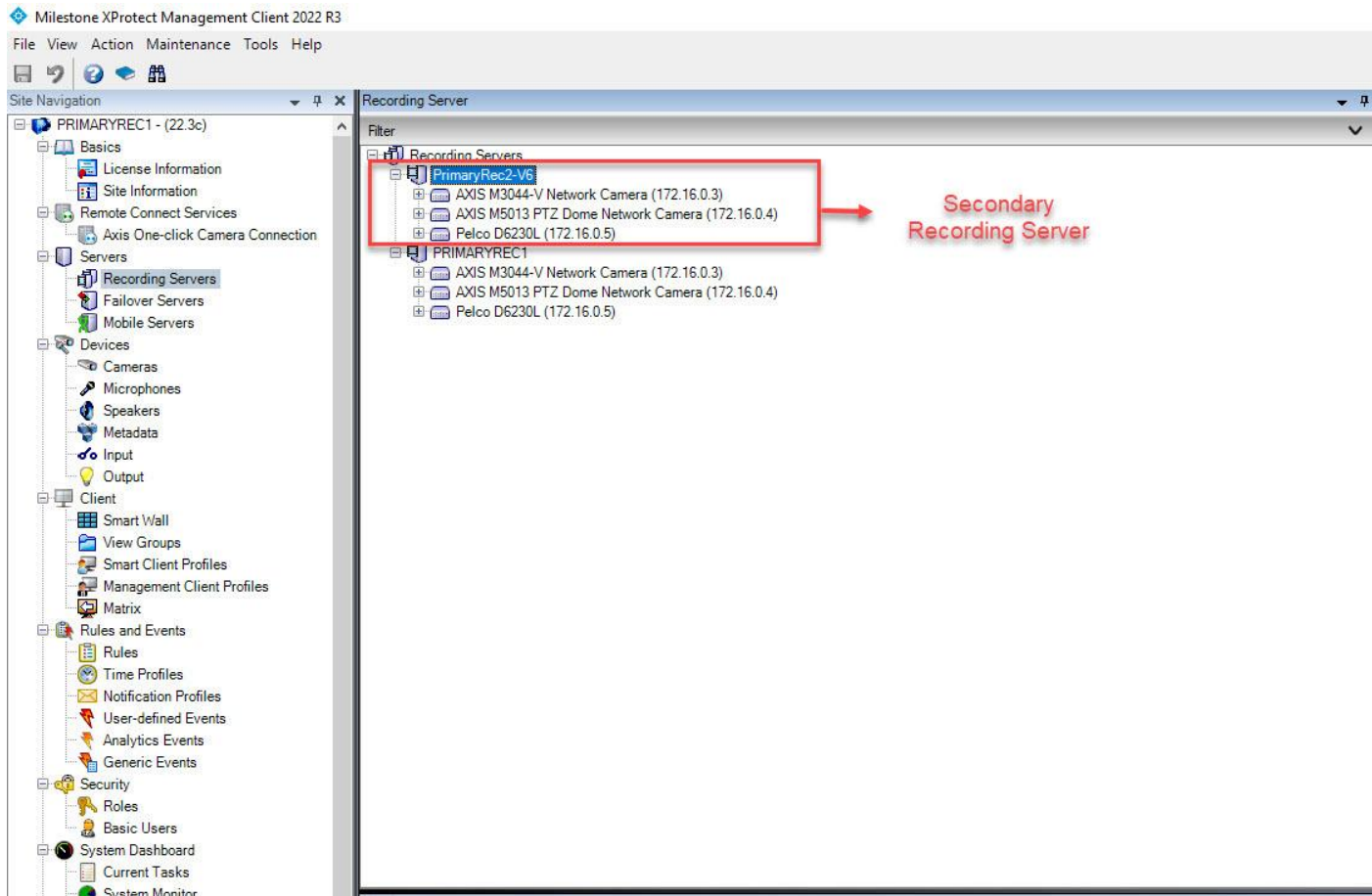


**Step 20: Save the settings as shown above.**



**Step 21:** Refresh the camera list as shown above to continue with the configuration.



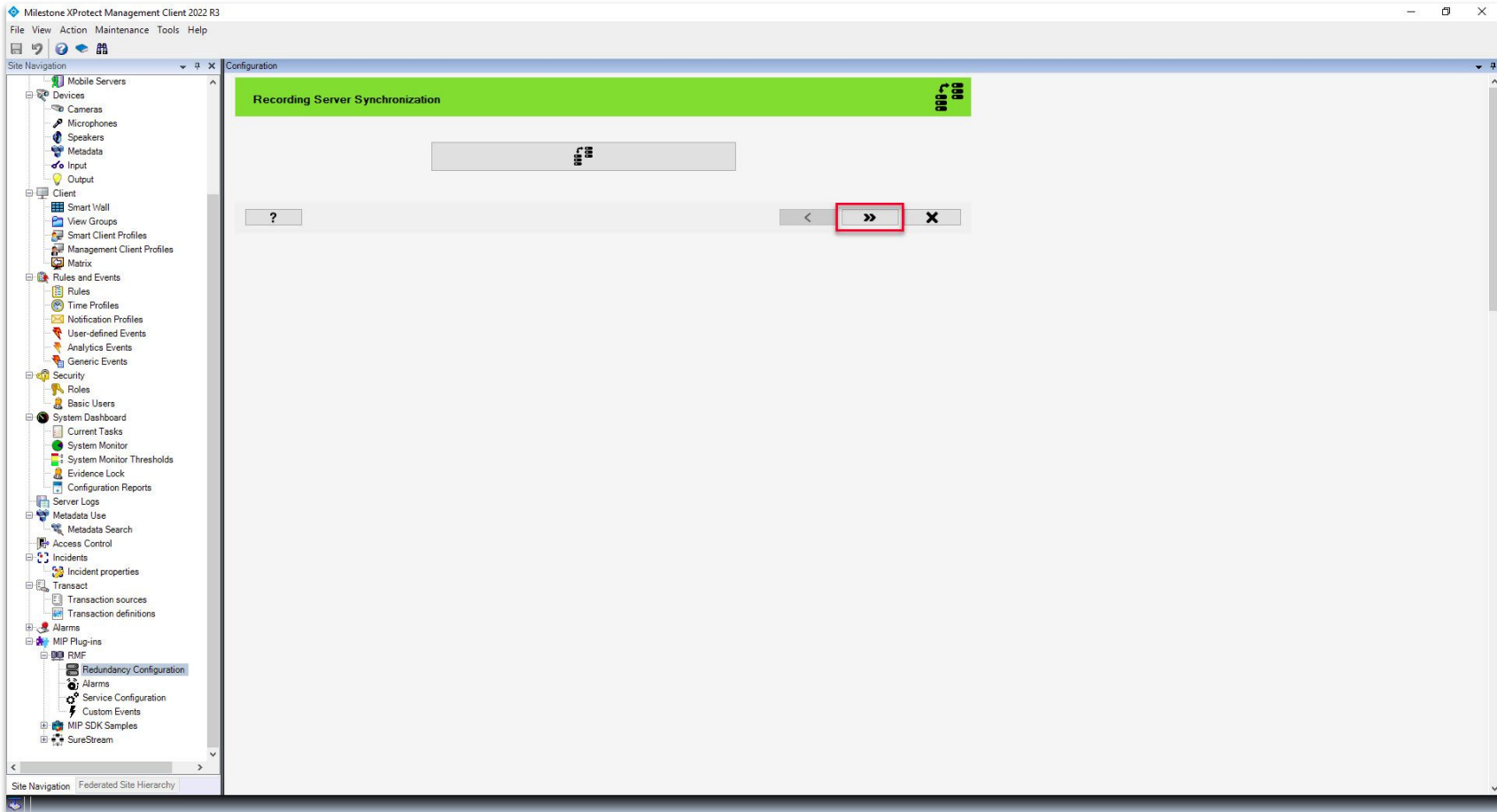


**Verification Step:** The camera list of the secondary recording server after replication.

**Note:** All the selected cameras are replicated on the secondary recording server.



## **Part 3: Configuration**



**Step 22**: Goto RMF→ Redundancy Configuration.  
Select **Start from Clean Slate Option** and **skip the replication step**.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation Configuration

Manage RMF Licenses

Licenses : 15 / Used : 8

Redundantly Recorded : 5 Managed by RMF : 0

Redundant  Non-Redundant

- AXIS M3044-V Network Camera (172.16.0.3)
- AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)
- AXIS M5013 PTZ Dome Network Camera (172.16.0.4)
- AXIS M7014 Video Encoder (172.16.0.14)
- AXIS P3807-PVE Network Camera (172.16.0.26)

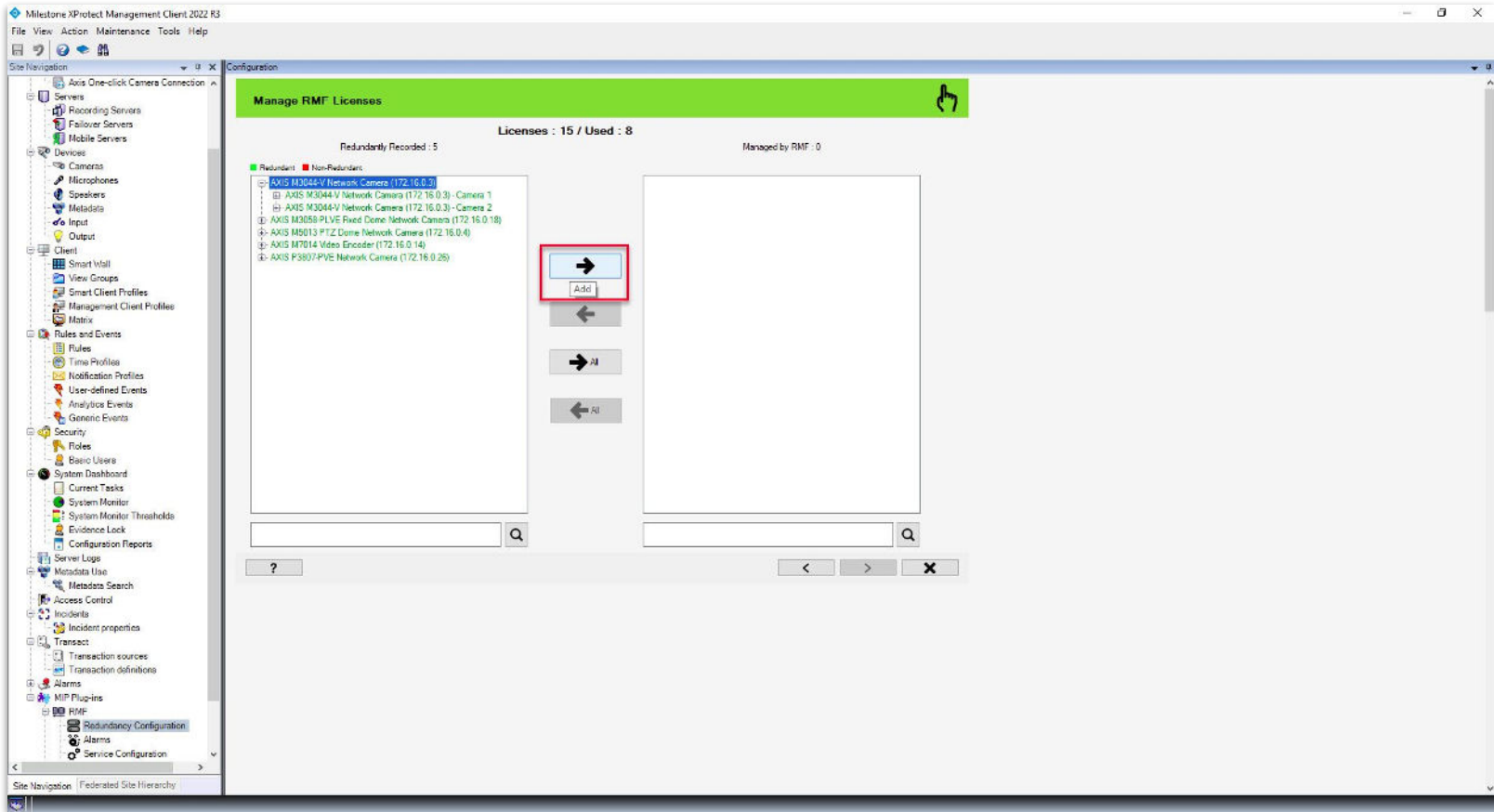
Help

Here are the steps to manage cameras with RMF:

1. Select the cameras that need to be managed by RMF from the list on the left and move them to the list on the right.
2. The cameras in the right hand list will be accessible for selection in the RMF Plugin at each Smart Client.
3. Each camera in the right hand list utilizes one RMF license.
4. If you wish to remove cameras that are already managed by RMF from RMF management, transfer them from the right hand list to the left hand list.

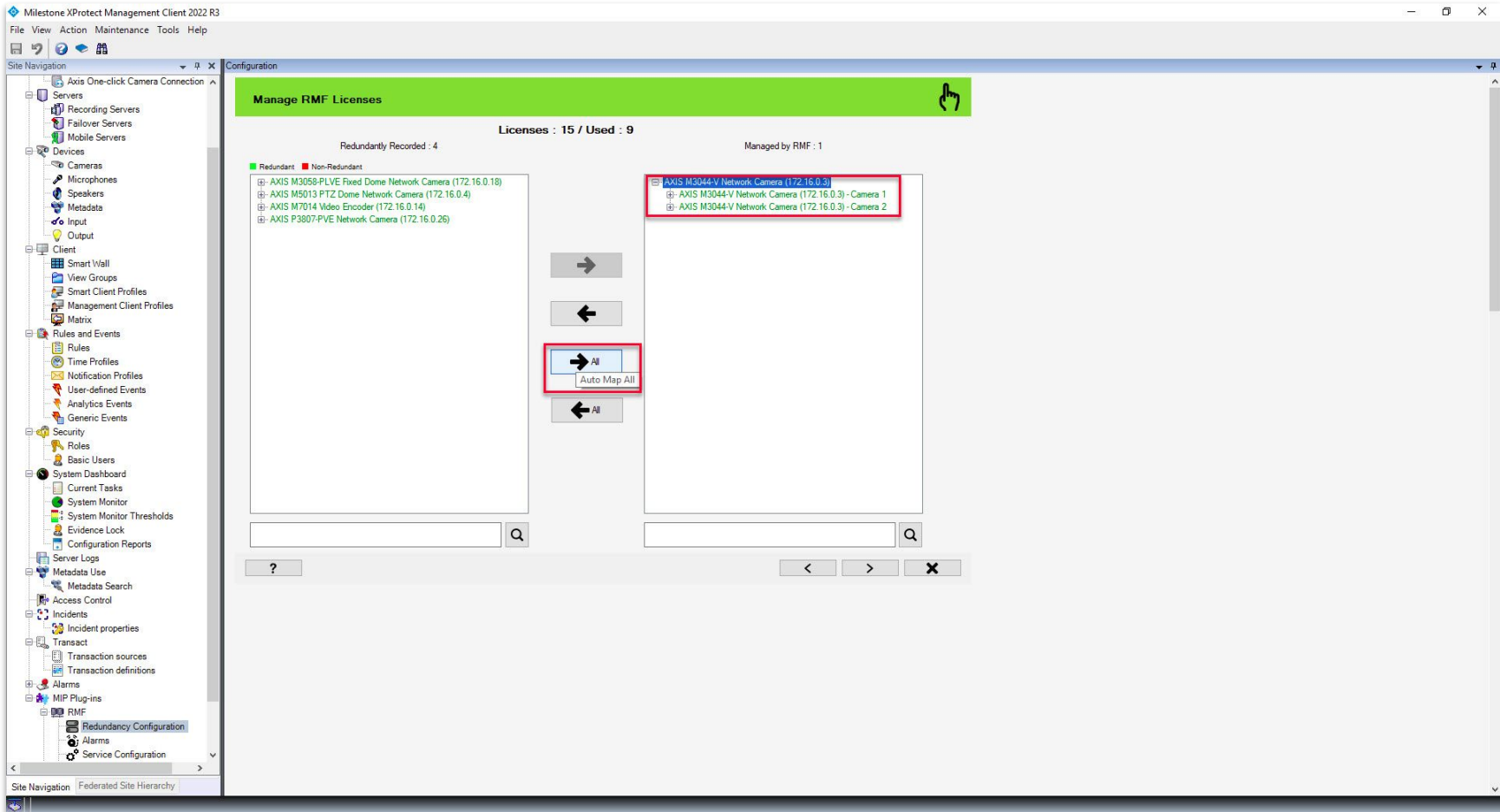
Site Navigation Federated Site Hierarchy

**Step 23:** The redundantly recorded cameras from the primary and the secondary recording servers are listed.



**Step 24:** Select the cameras that RMF must manage from the list.  
Click **Add** to move the cameras from the redundantly recorded list to Managed by RMF list.

**Note:** RMF license is assigned to the selected cameras.



**Step 25:** Click **Add All** to move all the cameras from the Redundantly Recorded List to the Managed by RMF list.

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
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  - MIP Plug-ins
  - RMF
    - Redundancy Configuration
    - Alarms
    - Service Configuration

Configuration

### Manage RMF Licenses

Licenses : 15 / Used : 13

Redundantly Recorded : 0      Managed by RMF : 5

Redundant    Non-Redundant

- AXIS M3044-V Network Camera (172.16.0.3)
- AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)
- AXIS M5013 PTZ Dome Network Camera (172.16.0.4)
- AXIS M7014 Video Encoder (172.16.0.14)
- AXIS P3807-PVE Network Camera (172.16.0.26)

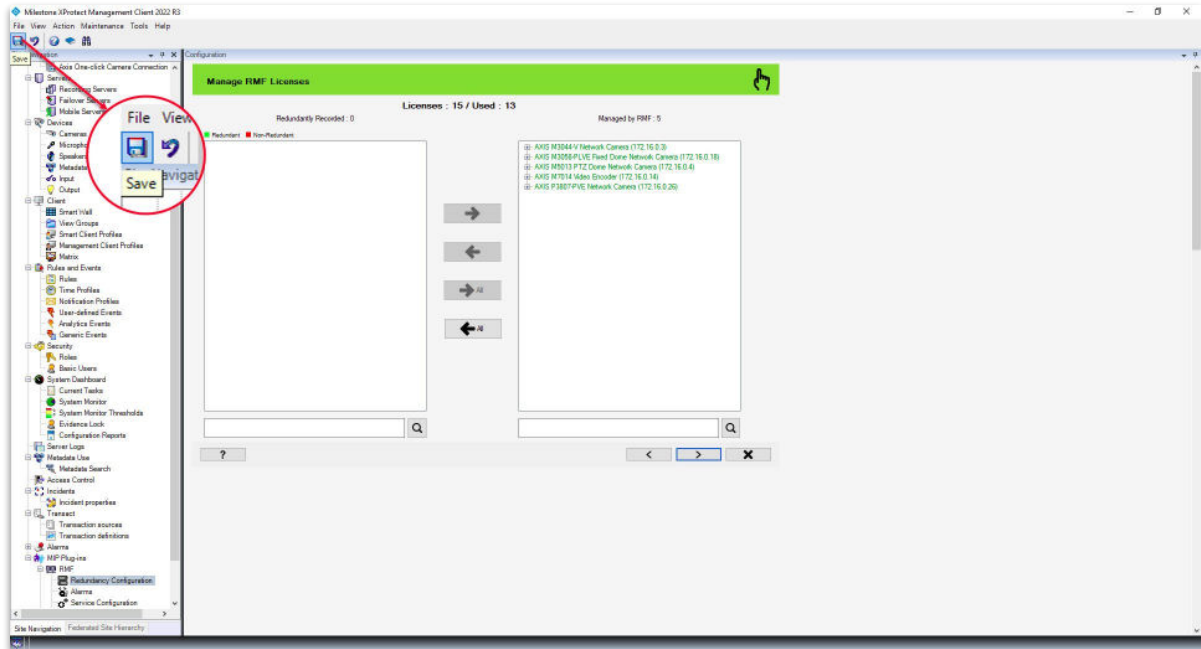
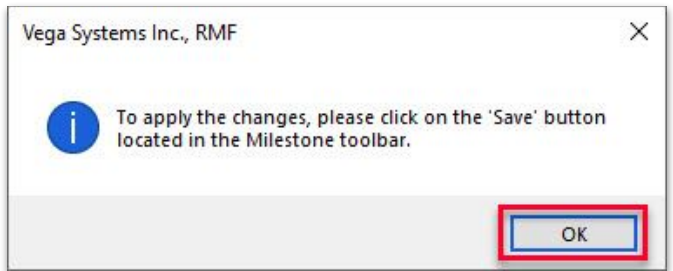
?

< > X

Next

**Step 26:** Click **Next** after the cameras are selected.

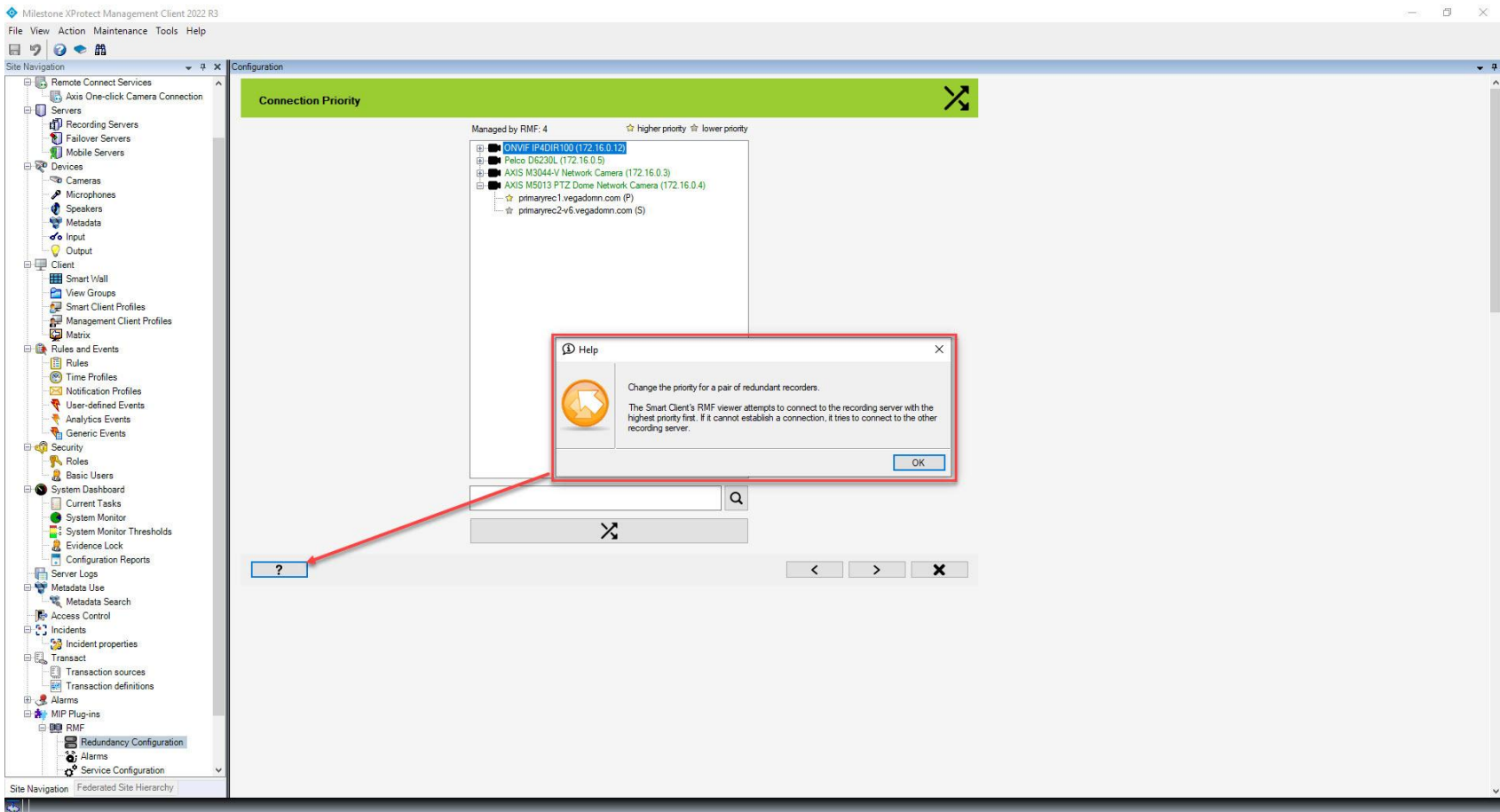




**Step 27: Save the changes** before proceeding with the configuration.







**Step 28:** Change the **connection priority order** for each camera if required.  
By default, Smart Client tries to connect to higher priority first.

Site Navigation

Configuration

Connection Priority

Managed by RMF: 4 ☆ higher priority ☆ lower priority

- ONVIF IP4DIR100 (172.16.0.12)
- Pelco D6230L (172.16.0.5)
- AXIS M5013-1272 Dome Network Camera (172.16.0.3)
- AXIS M5013-1272 Dome Network Camera (172.16.0.4)**
- primaryrec2@vegadm.com (S)
- primaryrec1.vegadm.com (P)

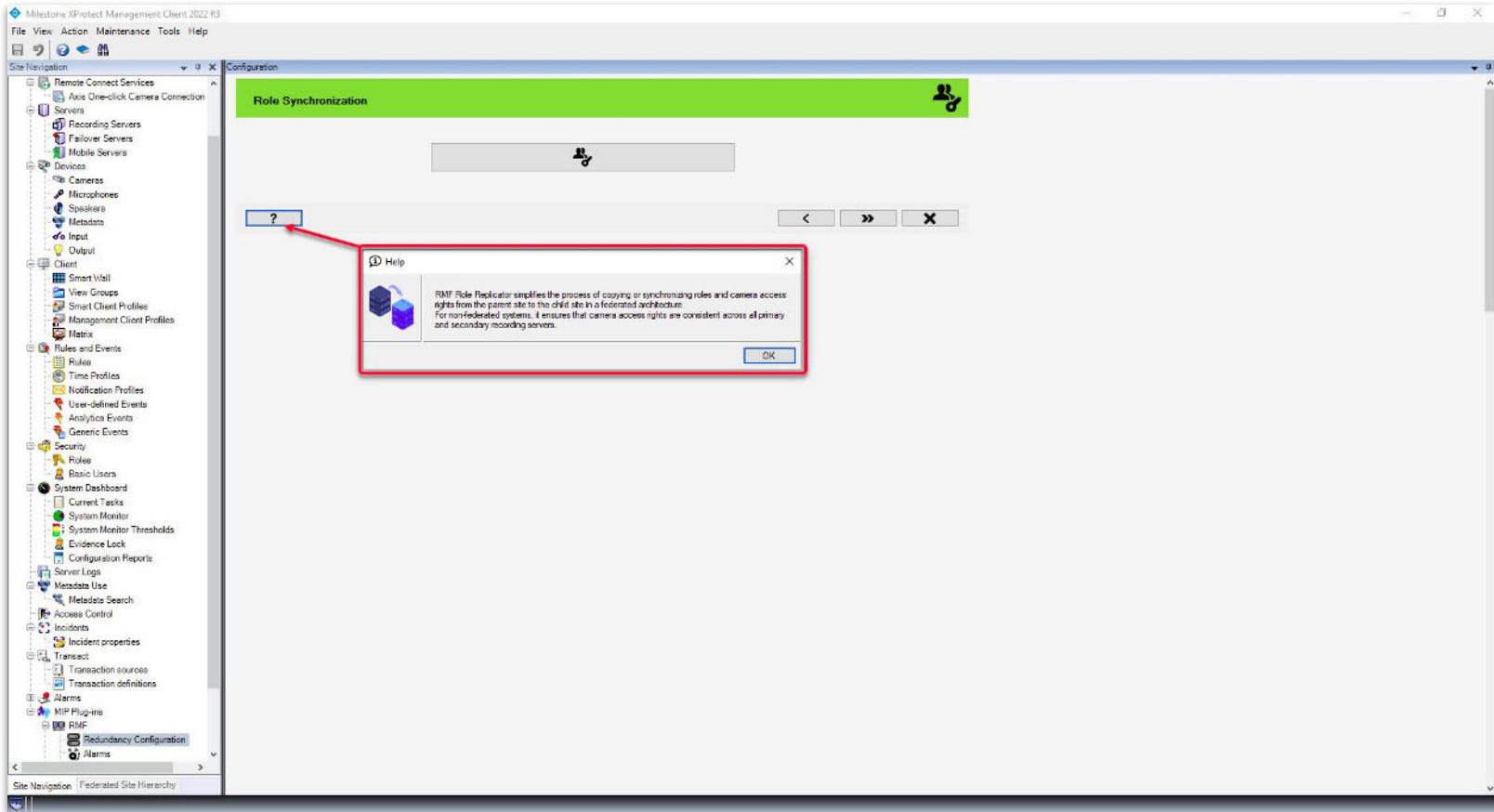
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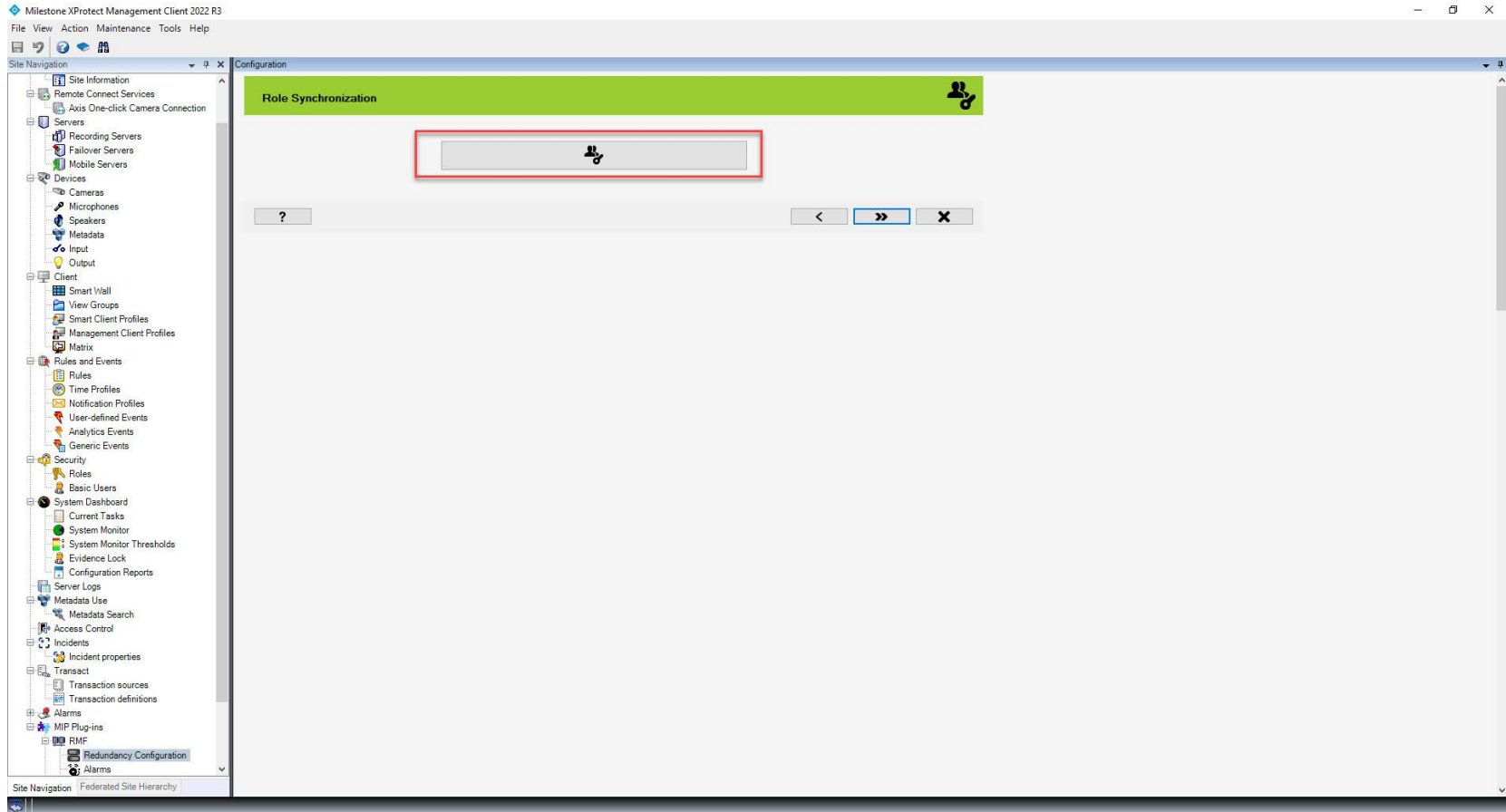
Site Navigation Federated Site Hierarchy

**Step 29:** Select the camera and click the **Swap** button to change the connection priority.

Click **Next**.



**Step 30:** The **RMF Role Replicator** helps to synchronize camera access rights seamlessly from the primary server to the secondary server.



**Step 31:** Launch the **Role Replicator** tool to ensure that any modifications made to roles are synchronized.

Roles

### Connect to Site

Management Server address and credentials

Server:

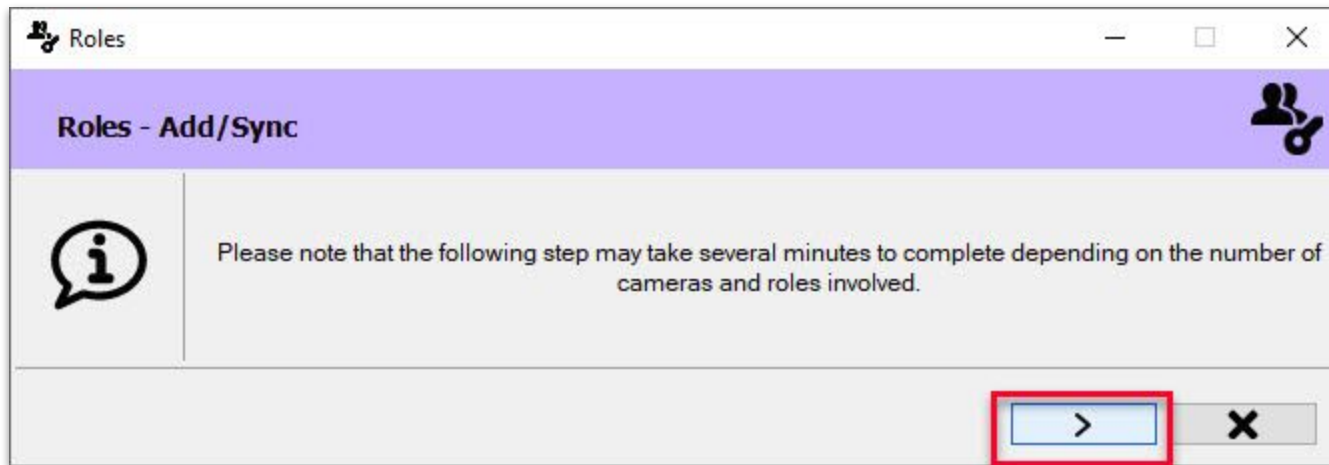
Authentication:

Username:

Password:

**Note:** If you're in an XProtect Federated Setup, please log in to the parent management server.

**Step 32:** Login to **Role Replicator**, connect to **Management Server** using admin credentials.



**Step 33:** The process may take several minutes based on the number of cameras and roles.  
Click **Next**.

Roles

Roles - Add/Sync

RMF Cameras	Status	Result
AXIS M3044-V Network Camera (172.16.0.3) - Camera 1	Skip(admin only)	
AXIS M3044-V Network Camera (172.16.0.3) - Camera 2	Skip(admin only)	
AXIS M5013 PTZ Dome Network Camera (172.16.0.4) - Camera 1	Re-check	
Pelco D6230L (172.16.0.5) - Camera 1	Re-check	

Sync

**Step 34:** All the roles from the primary server for the cameras managed by RMF are listed.  
Click **Sync**.

Roles

Roles - Add/Sync

RMF Cameras	Progress	Status	Result
AXIS M3044-V Network Camera (172.16.0.3) - Camera 1	<div style="width: 100%; height: 10px; background-color: green;"></div>	Skip(admin only)	✓
AXIS M3044-V Network Camera (172.16.0.3) - Camera 2	<div style="width: 100%; height: 10px; background-color: green;"></div>	Skip(admin only)	✓
AXIS M5013 PTZ Dome Network Camera (172.16.0.4) - Camera 1	<div style="width: 100%; height: 10px; background-color: green;"></div>	Re-checked successfully	✓
Pelco D6230L (172.16.0.5) - Camera 1	<div style="width: 25%; height: 10px; background-color: green;"></div>	Re-checked successfully	✓

✓



**Step 35:** Re-checking or Syncing roles in progress.



Roles

**Roles - Add/Sync**

RMF Cameras	Progress	Status	Result
AXIS M3044-V Network Camera (172.16.0.3) - Camera 1		Skip(admin only)	
AXIS M3044-V Network Camera (172.16.0.3) - Camera 2		Skip(admin only)	
AXIS M5013 PTZ Dome Network Camera (172.16.0.4) - Camera 1		Re-checked successfully	
Pelco D6230L (172.16.0.5) - Camera 1		Re-checked successfully	

**Step 36:** Process completed. Click **Finish**.  
**Note:** The roles are saved automatically.



Site Navigation

- Remote Connect Services
  - Axis One-click Camera Connection
- Servers
  - Recording Servers
  - Fallover Servers
  - Mobile Servers
- Devices
  - Cameras
  - Microphones
  - Speakers
  - Metadata
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  - 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

Site Navigation Federated Site Hierarchy

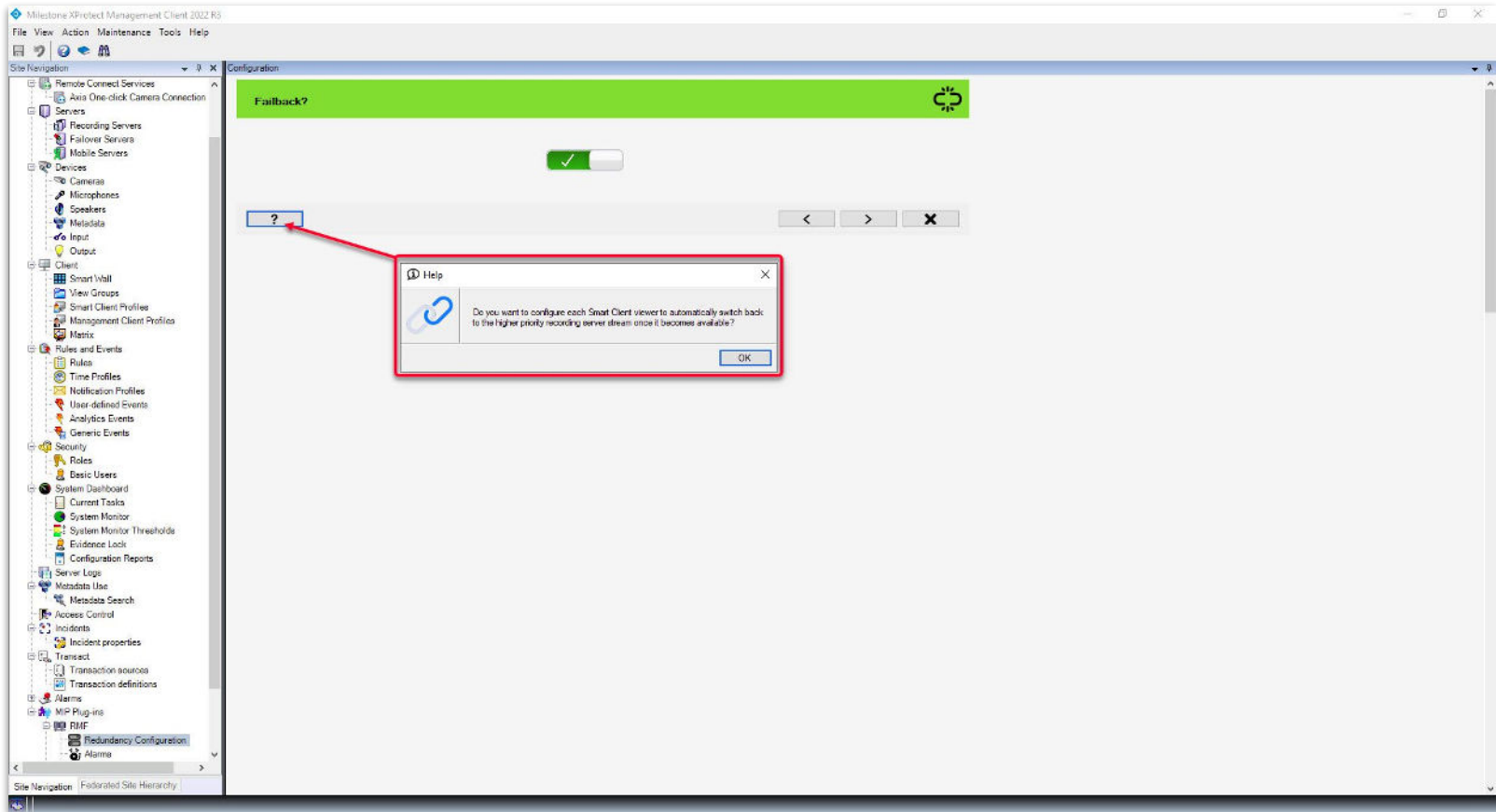
Configuration

### Role Synchronization

[ ? ] [ < ] [ > ] [ X ]

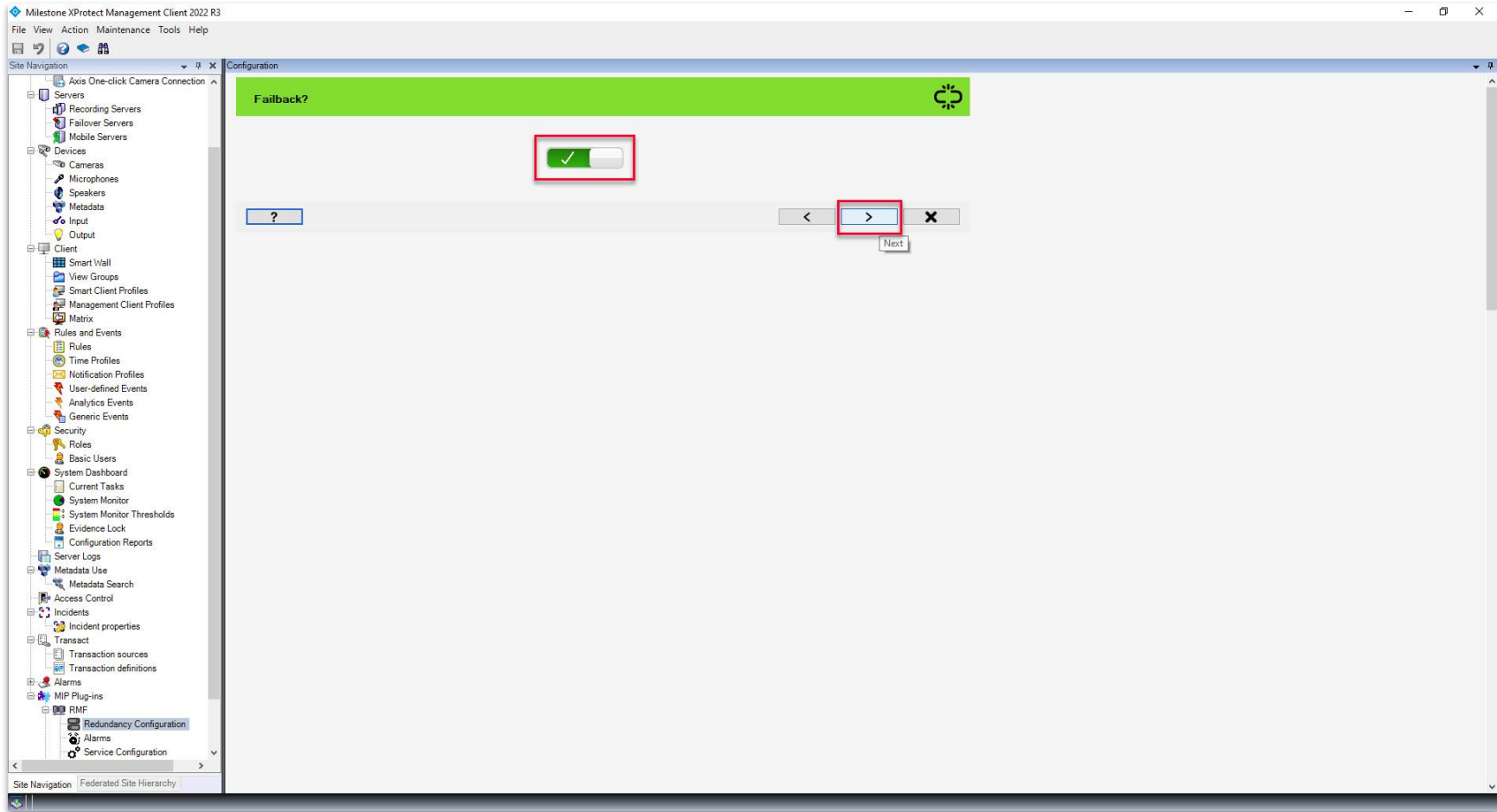


**Step 37: Click Next**



**Step 38:** Configure the **failback**.

The smart client default switches back to a higher priority server once the priority server is back online.



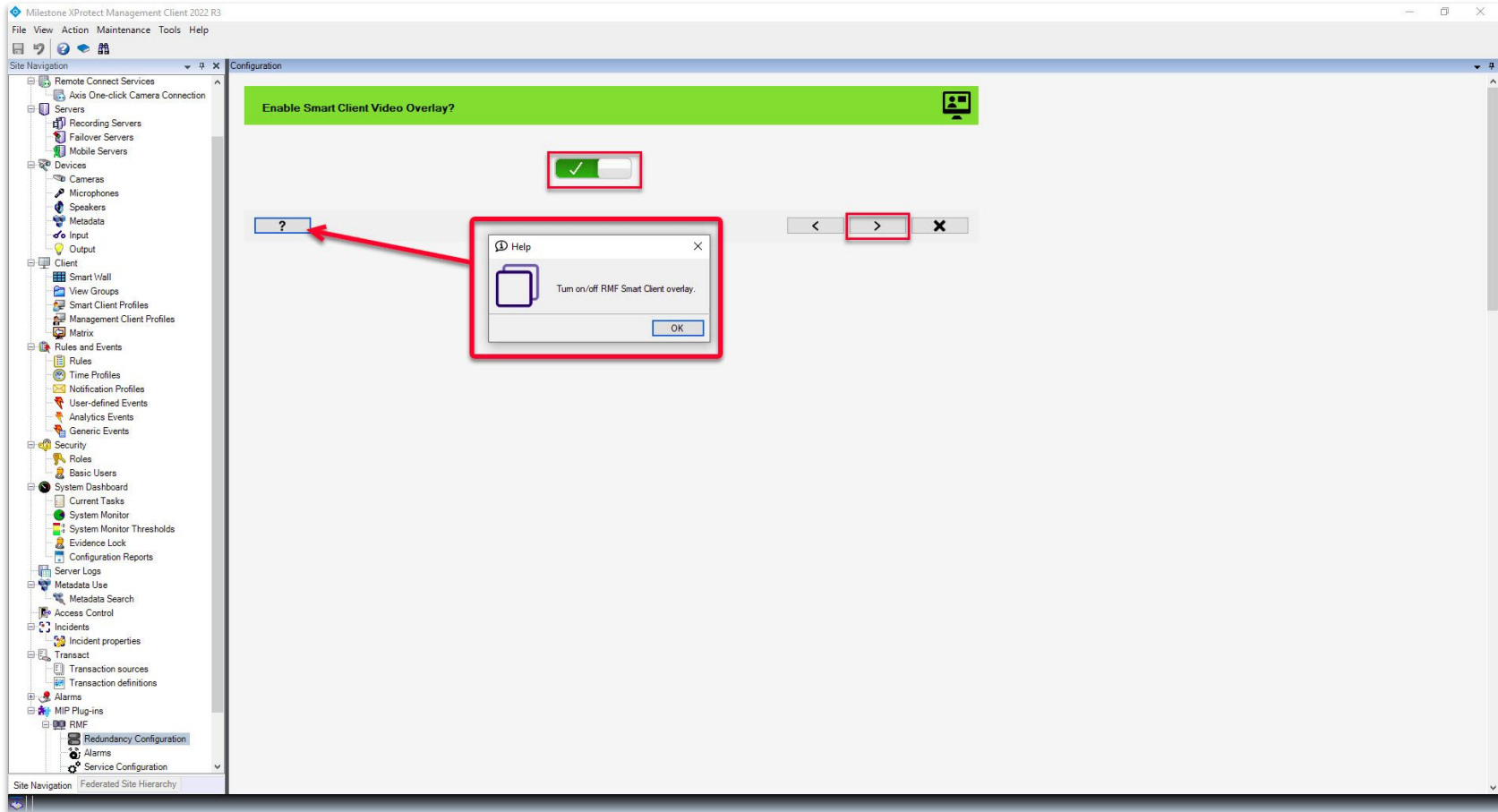
**Step 39: Click Next.**



The screenshot shows the Milestone XProtect Management Client 2022 R3 interface. On the left is a 'Site Navigation' tree with 'Redundancy Configuration' selected. The main window displays the 'Configuration' for 'Wait Time After Video Loss'. A green header bar contains the title and a timer icon. Below it, a text box states: 'Switch to an alternate source after the loss of 1.0 seconds of video at each Smart Client.' A red box highlights the '1.0' value in a spinner control. A note below reads: '(Note : Each camera's frame rate must be > 2.00 frames per second.)'. A navigation bar with a question mark, left arrow, right arrow, and close button is visible. A red box highlights the right arrow button, with a red arrow pointing to a 'Help' dialog box. The 'Help' dialog box contains the following text: 'The duration that each RMF Smart Client viewer should wait after it stops receiving video from one recording server before attempting to connect to the other server of the redundant pair should be several times more than the inverse of the lowest frame rate in the entire system. For instance, if the lowest frame rate is 10 fps, this value should be set to 0.5 seconds or more, given a reliable network. If the value is set too low, network delays could trigger continuous re-selection at the Smart Client, causing disruptions in the video feed.' An 'OK' button is at the bottom of the dialog.

### **Step 40: Configure the **Wait Time After Video Loss.****

Smart Client default switches to a redundant recording server after video loss of 1.0 seconds, in this case



**Step 41:** Enable or disable **Smart Client Overlay**.  
By default, the overlay is disabled.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation

Configuration

### WebAPI Port

Port: 2020 ✓

Note - Port range from 1024 - 65535  
- Requires Administrative Access

? < ✓ ✕

Help

RMF Web API offers an authorized REST interface that enables third-party software to retrieve XProtect dual-redundancy information.

This step helps to set up the API number.

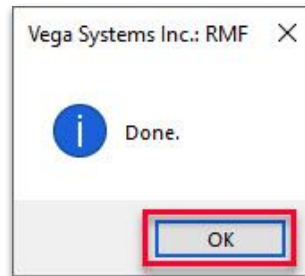
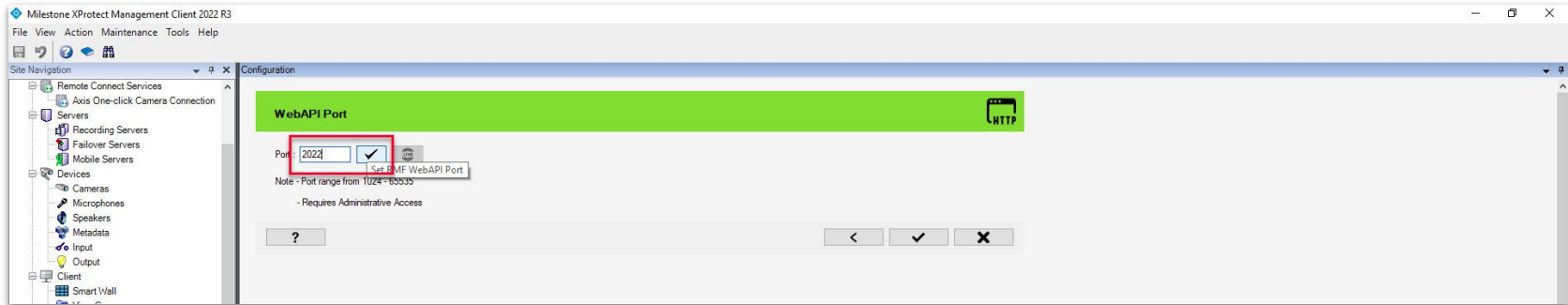
The Web API help page can be accessed at <http://<ManagementServerIP><RMFWebPort>/VegaSystems/Help>.

OK

Site Navigation Federated Site Hierarchy

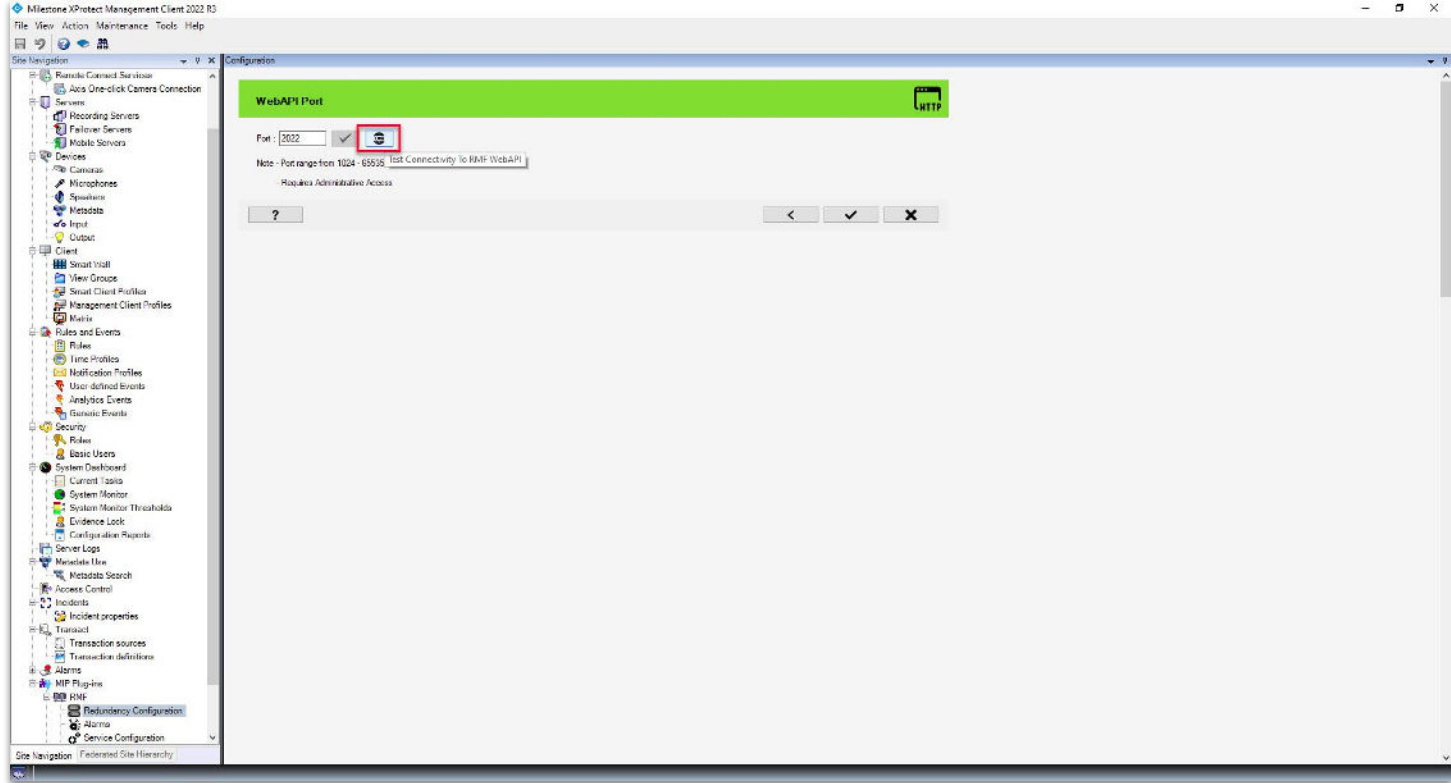
**Step 42: Configure the Web API Port Number.**  
By default, the Web API port number is configured to 2020.





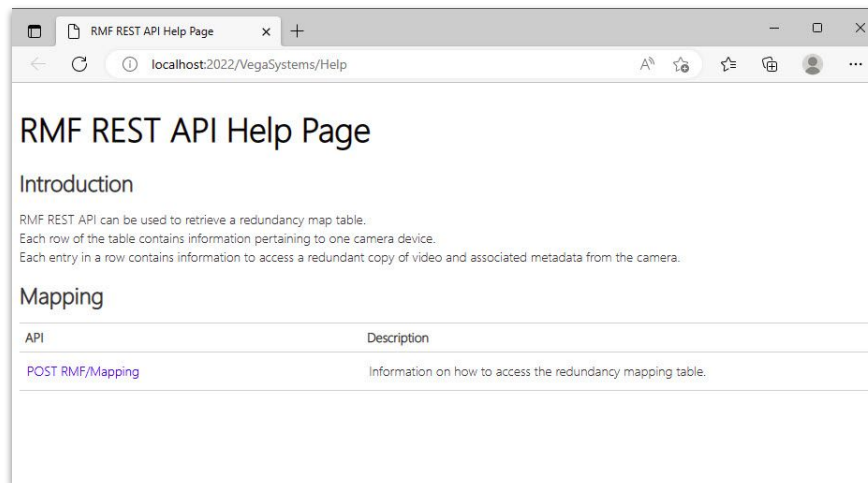
**Step 43**: Modify the Web API port number, if required. Click on **Set RMF Web API Port**.  
A done message is popped if the port number was set successfully.



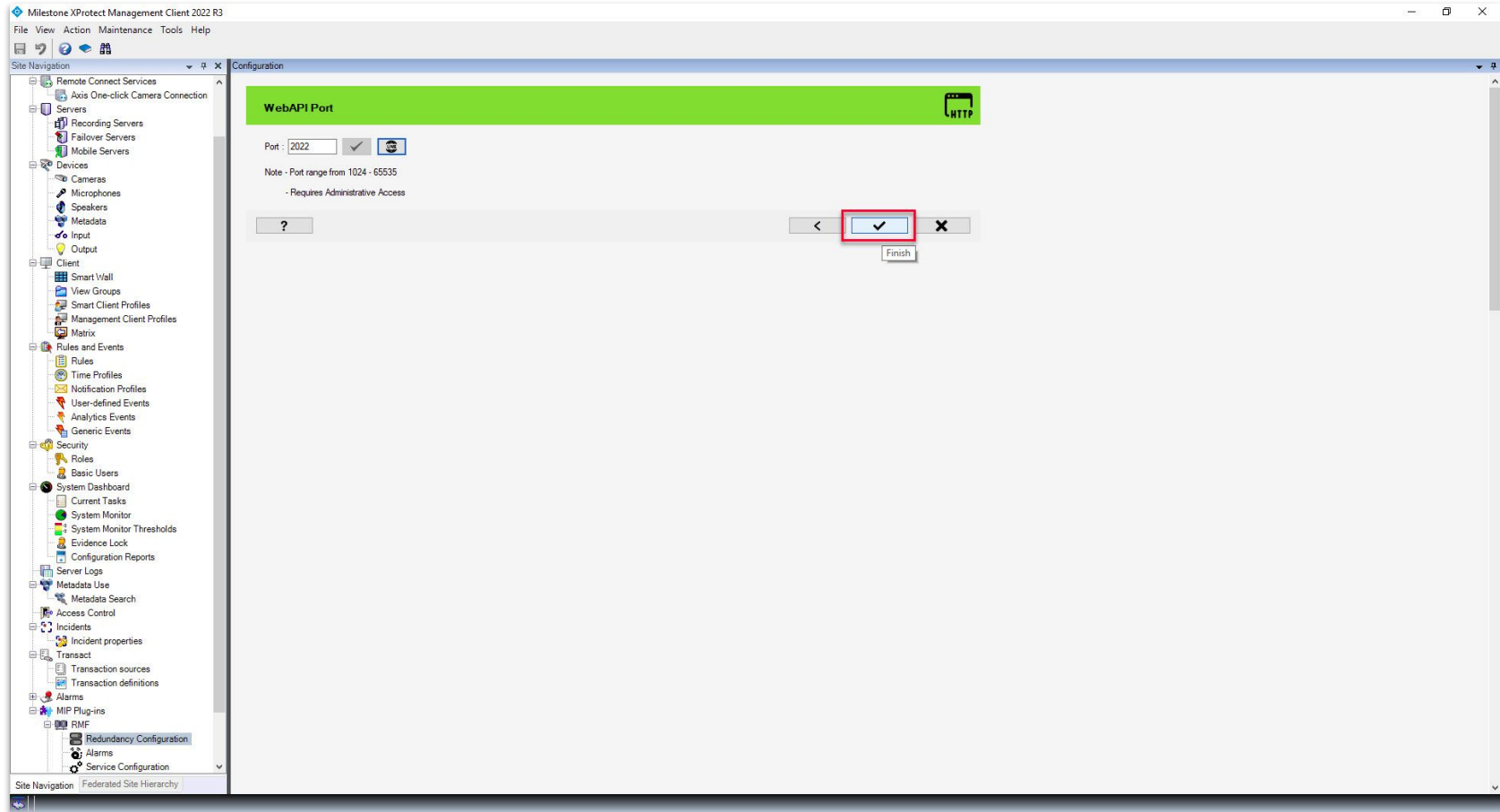


Testing connectivity...

**Step 44:** Click **Test Connectivity to RMF Web API** to test the connectivity to the configured port number.



**Step 45:** Click **Yes** to open the Web API in the browser to verify.

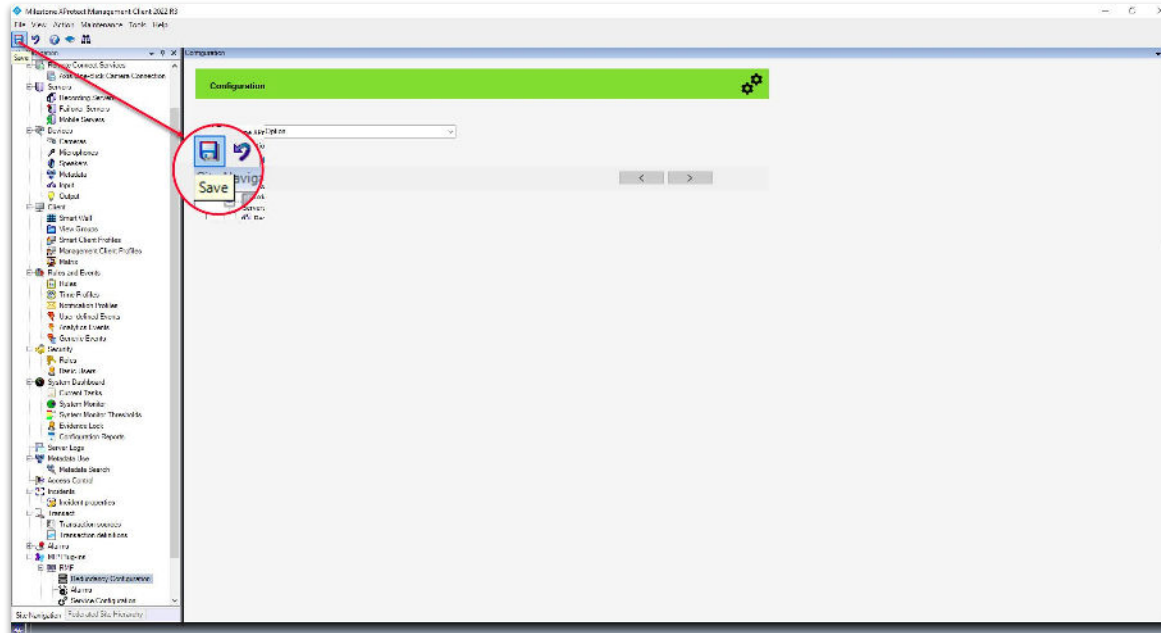


**Step 46:** Click **Finish** to complete the configuration.



To apply the changes, please click on the 'Save' button located in the Milestone toolbar.

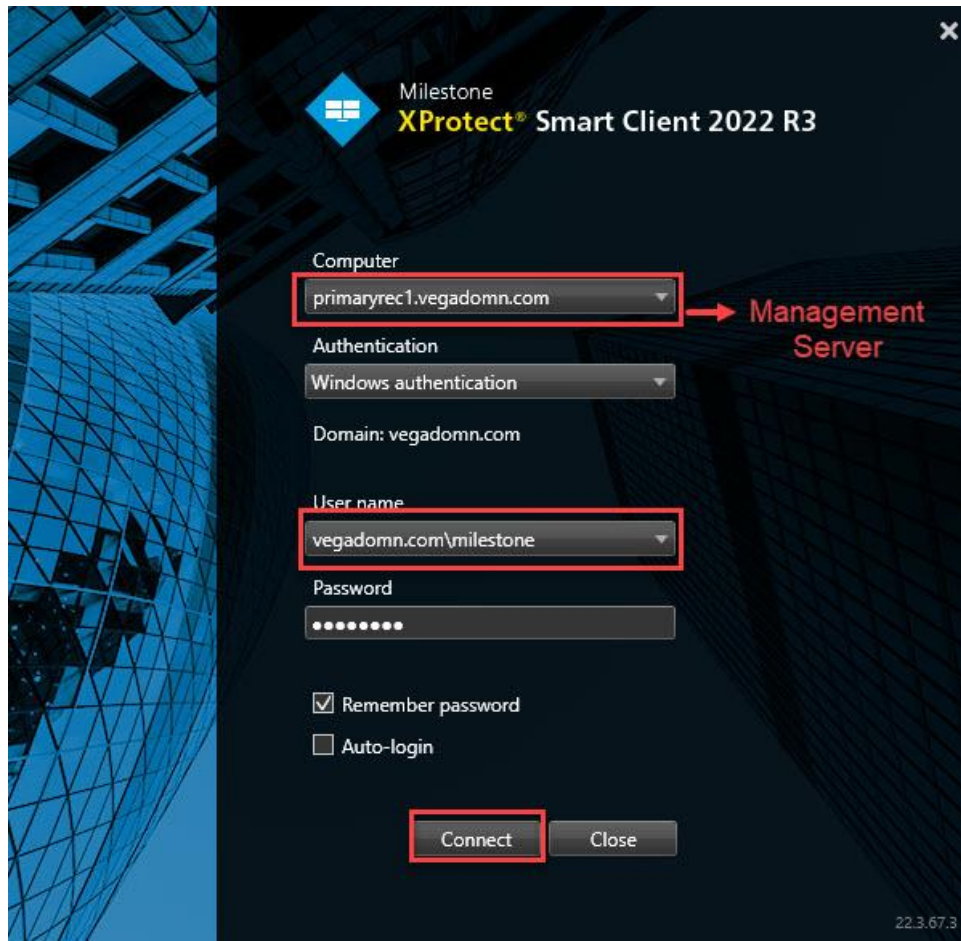
OK



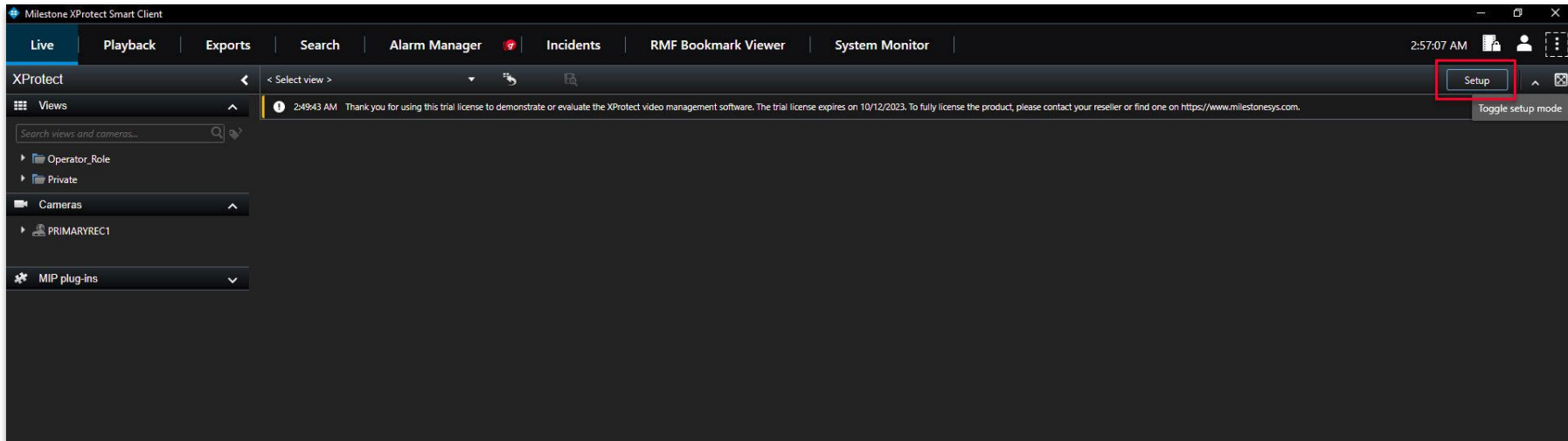
**Step 47:** Click **Save** to save the configuration.



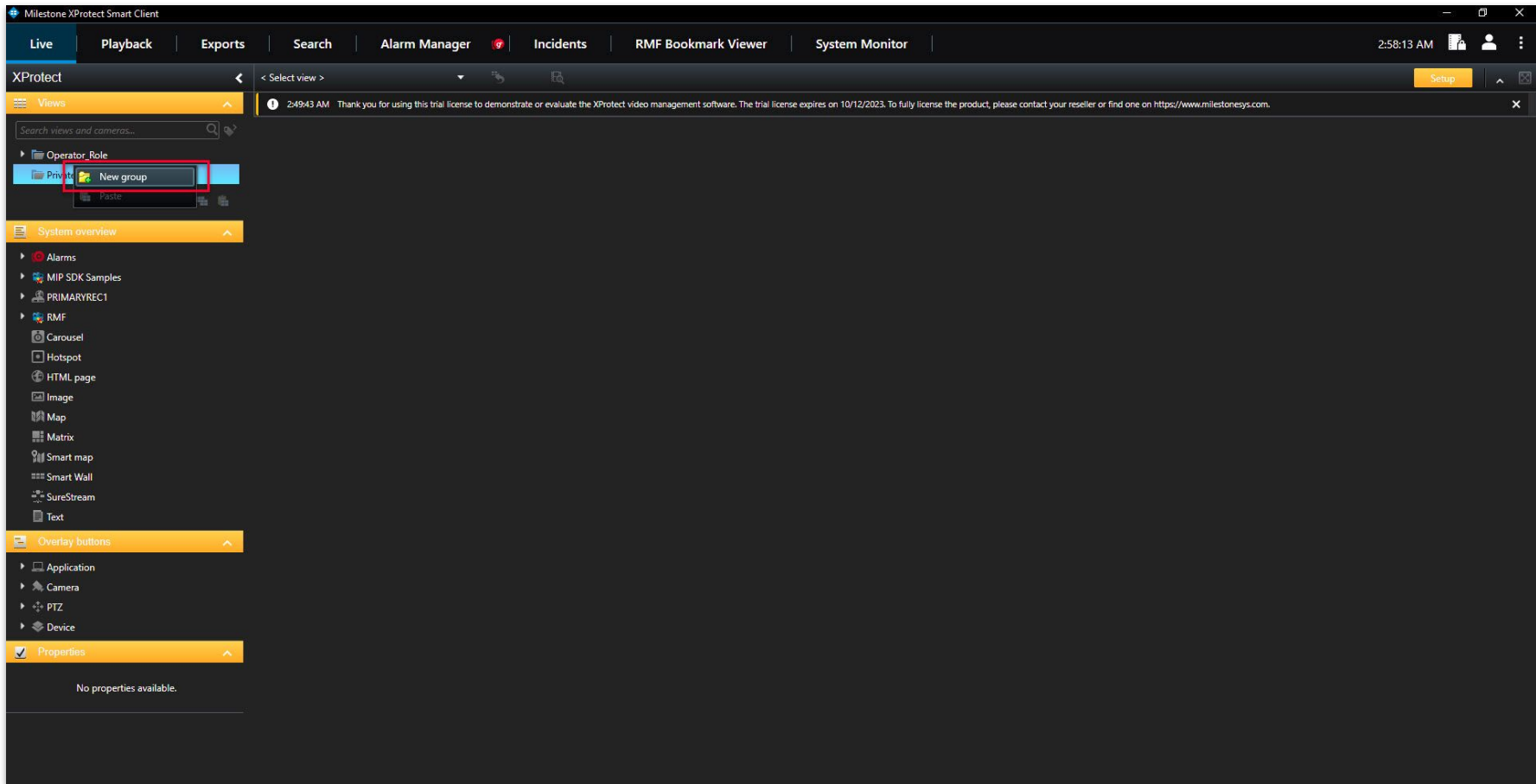
## **Part 4: Verification – Smart Client**



**Step 1:** Open the **Smart Client**. **Login** as a admin user credentials.



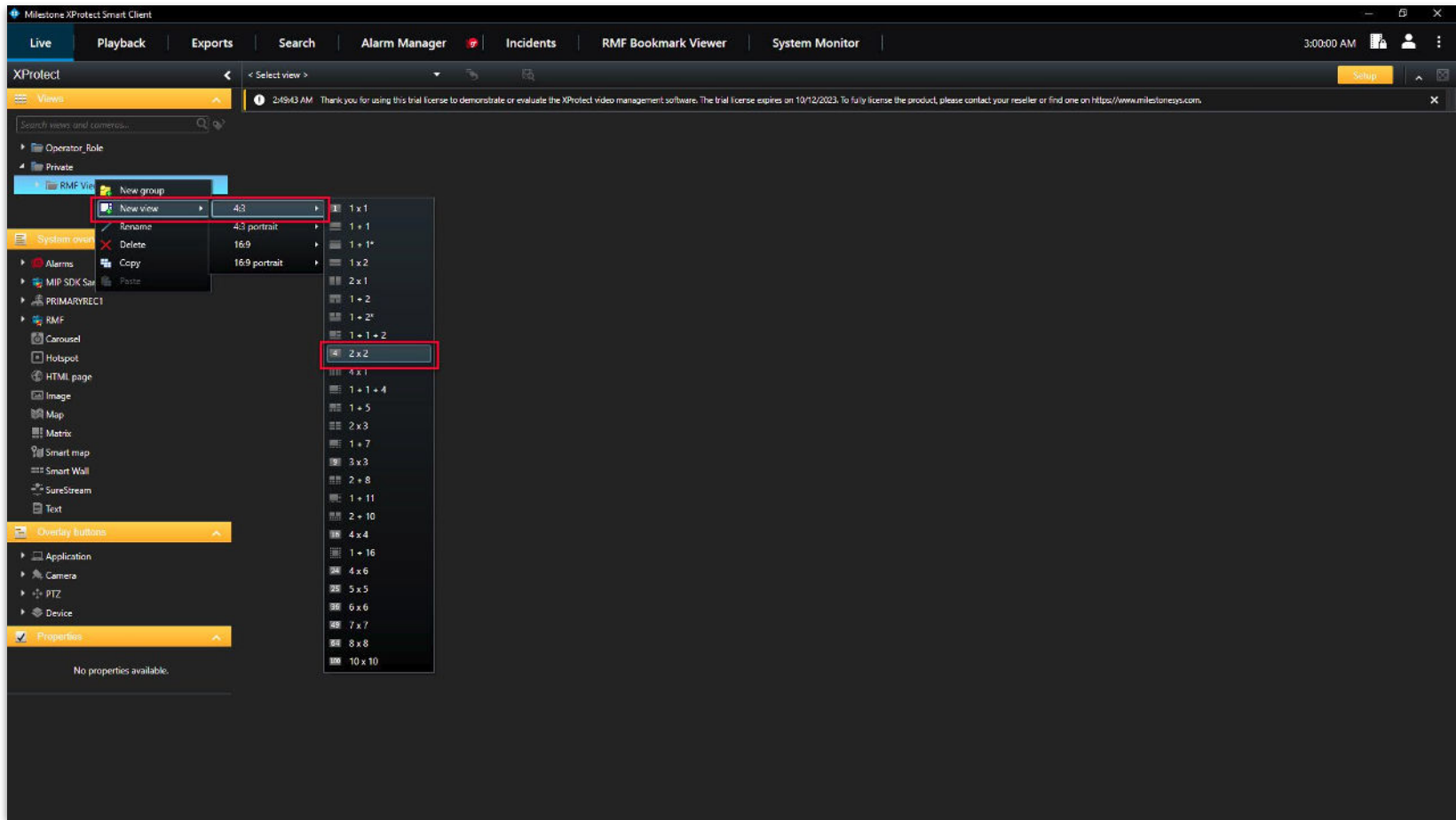
**Step 2:** Switch to **Setup** mode.



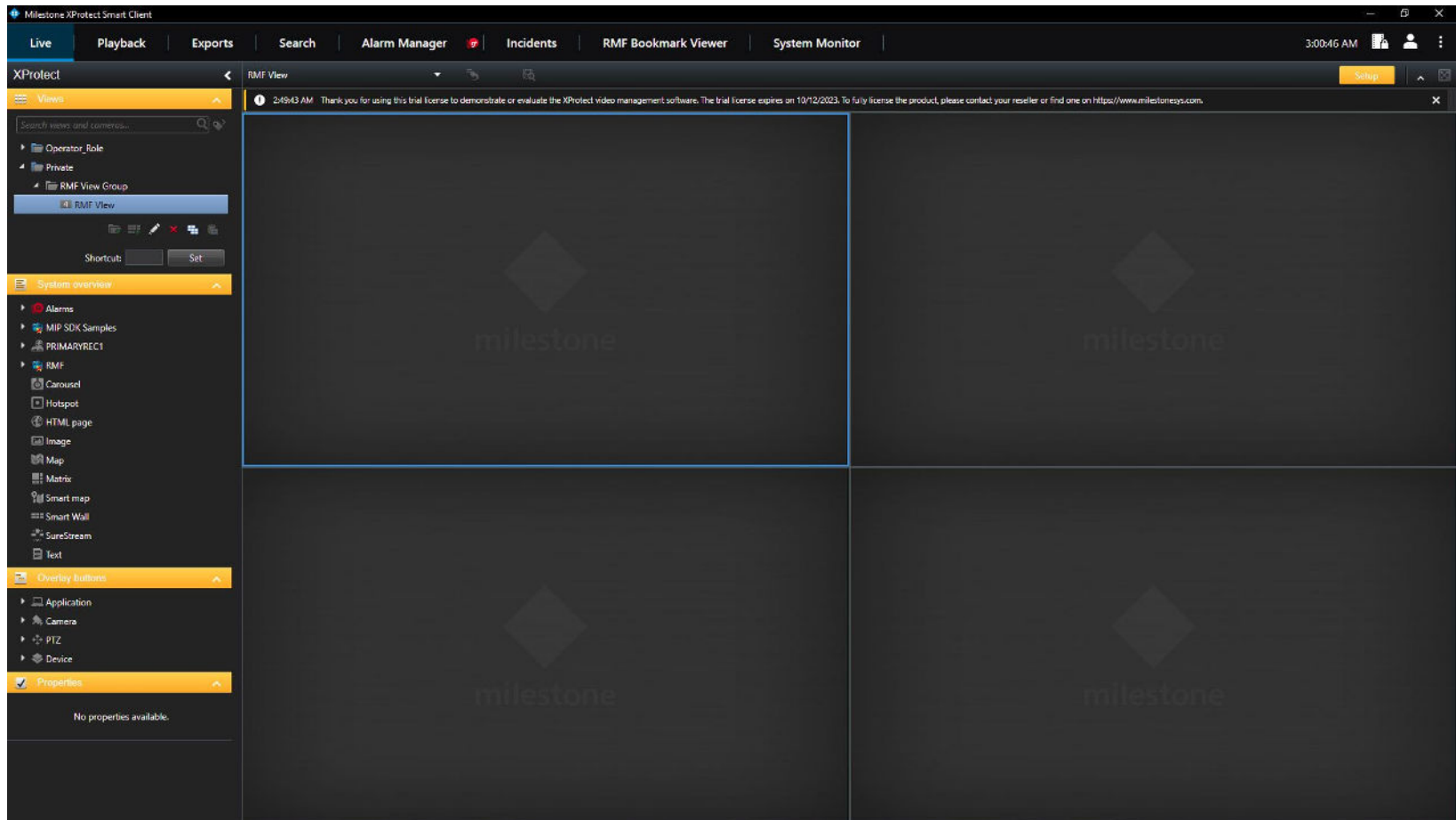
**Step 3:** Right-click Private under **Views**. Select **New Group** and provide a name for the group.







**Step 4:** Right-click the group created, select **New View** option and select the view.

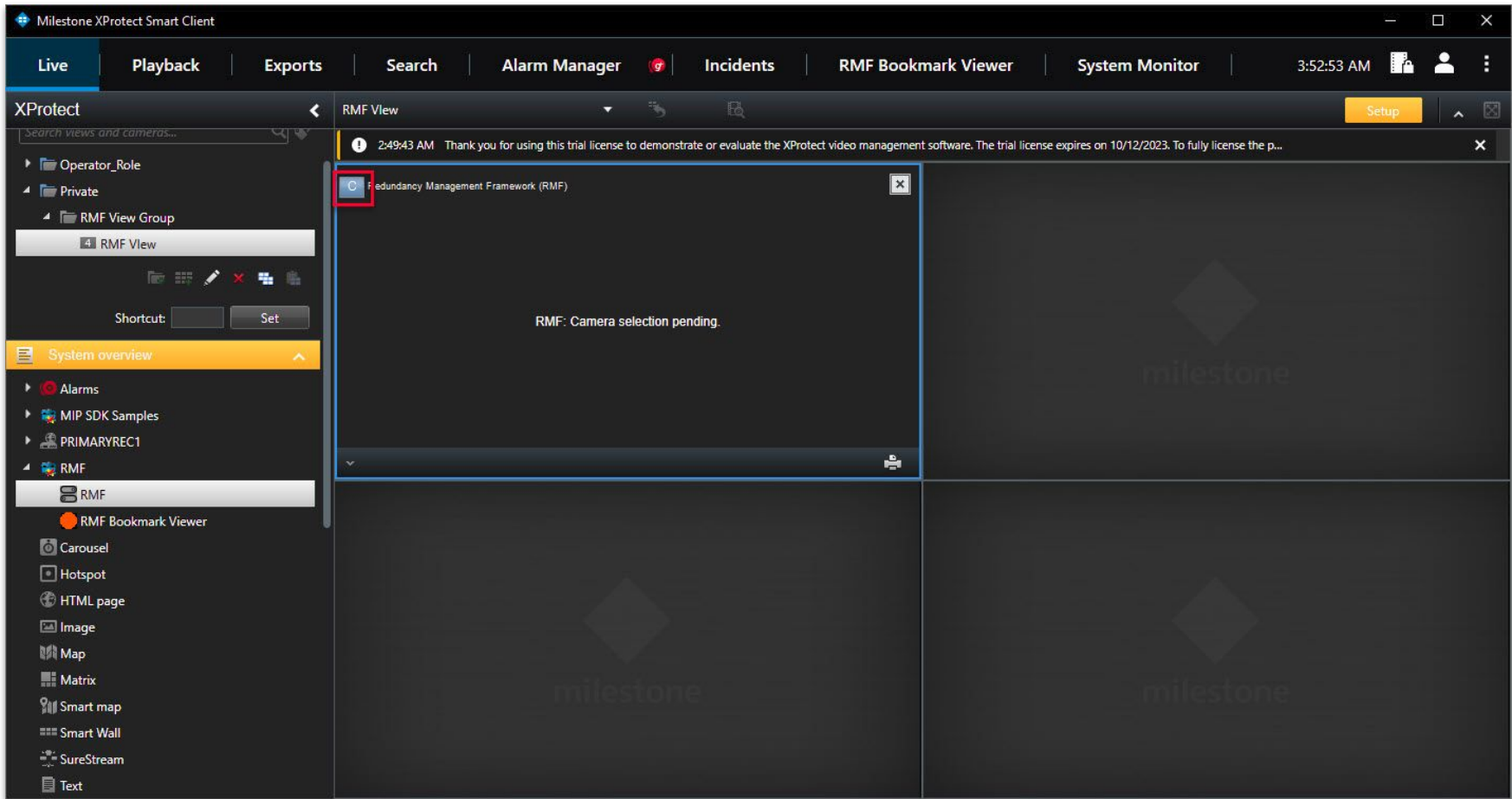


**Step 5:** The chosen **4X4 view** is created, as shown above.

The screenshot displays the Milestone XProtect Smart Client interface. At the top, there is a navigation bar with tabs for Live, Playback, Exports, Search, Alarm Manager, Incidents, RMF Bookmark Viewer, and System Monitor. The time is 3:03:05 AM. Below the navigation bar, the main window is titled 'XProtect' and 'RMF View'. A search bar is visible at the top left of the main area. On the left side, there is a sidebar with a tree view showing folders like 'Operator\_Role', 'Private', and 'RMF View Group'. Under 'RMF View Group', the 'RMF View' is selected. Below this, there is a 'System overview' section with a list of items: Alarms, MIP SDK Samples, PRIMARYREC1, RMF (highlighted with a red box), RMF Bookmark Viewer, Carousel, Hotspot, HTML page, Image, Map, Matrix, Smart map, Smart Wall, SureStream, and Text. A red arrow points from the 'RMF' item in the sidebar to a floating window titled 'Redundancy Management Framework (RMF)'. This window contains the text 'RMF: Camera selection pending.' and a 'milestone' logo. A red text annotation 'Drag and drop the RMF plugin to the view' is placed over the arrow. At the top of the main window, there is a notification bar with a message: '2:49:43 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...'. The background of the main window shows a grid of video feeds, with the top-left feed displaying the 'RMF: Camera selection pending.' message.

**Step 6:** Goto System Overview → RMF. Drag and drop the RMF plugin to the view.





**Step 7:** Click the “C” button to open the list of RMF managed cameras.

Milestone XProtect Smart Client

Live | Playback | Exports | Search | Alarm Manager | Incidents | RMF Bookmark Viewer | System Monitor | 3:53:11 AM

XProtect

Search views and cameras...

Operator\_Role

Private

RMF View Group

RMF View

Shortcut: [ ] Set

System overview

Alarms

MIP SDK Samples

PRIMARYREC1

RMF

RMF

RMF Bookmark Viewer

Carousel

Hotspot

HTML page

Image

Map

Matrix

Smart map

Smart Wall

SureStream

Text

RMF View

2:49:43 AM Thank you for using

Mapped List

Redundancy Management Framework

- AXIS M3044-V Network Camera (172.16.0.3) - Camera 1
- AXIS M3044-V Network Camera (172.16.0.3) - Camera 2
- AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18) - Camera 1
- AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18) - Camera 8
- AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18) - Camera 9
- AXIS M5013 PTZ Dome Network Camera (172.16.0.4) - Camera 1**
- AXIS M7014 Video Encoder (172.16.0.14) - Camera 1
- AXIS M7014 Video Encoder (172.16.0.14) - Camera 2
- AXIS M7014 Video Encoder (172.16.0.14) - Camera 3
- AXIS M7014 Video Encoder (172.16.0.14) - Camera 4
- AXIS M7014 Video Encoder (172.16.0.14) - Camera 5
- AXIS P3807-PVE Network Camera (172.16.0.26) - Camera 1

The trial license expires on 10/12/2023. To fully license the p...

Search the required RMF managed camera

**Step 8: Select (Double-click) a camera for the view.**



Milestone XProtect Smart Client

Live | Playback | Exports | Search | Alarm Manager | Incidents | RMF Bookmark Viewer | System Monitor | 10:51:03 AM

XProtect < RMF View Setup

Views

Search views and cameras...

- Operator1
- Operator 2
- Private
  - RMF View Group
    - 4 RMF View**
- Test Role

Cameras

- PRIMARYREC1

Event


- PRIMARYREC1

MIP plug-ins

10:50:04 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...

Pelco D6230L (172.16.0.5) - Camera 1  
RMF: primaryrec1.vegadomn.com 52.79 m 11.78 d 1.0 s

Video resolution: 1920x1080



milestone

milestone

milestone

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sales@vega25.com

**Step 9:** Exit the Setup mode. View the **Live stream** for the **selected camera** from the primary recording server.

The screenshot displays the Milestone XProtect Smart Client interface. The top navigation bar includes tabs for Live, Playback, Exports, Search, Alarm Manager, Incidents, RMF Bookmark Viewer, and System Monitor. The current time is 10:51:36 AM. The main window shows a live video stream from a camera labeled 'Pelco D6230L (172.16.0.5) - Camera 1'. The video resolution is 1920x1080. A red box highlights the camera name and the RMF path: 'RMF: primaryrec2-v6.vegadomn.com 60.57 m 16.90 d 1.0 s'. The left sidebar shows a tree view of views and cameras, with 'RMF View' selected under the 'RMF View Group'. The 'Cameras' section shows 'PRIMARYREC1'.



**Step 10:** Switch off the Primary Recording server.  
View the **Live stream for the selected camera** switches to the secondary recording server.