




RMF – Rename a High Availability Camera

Vega Systems Inc.

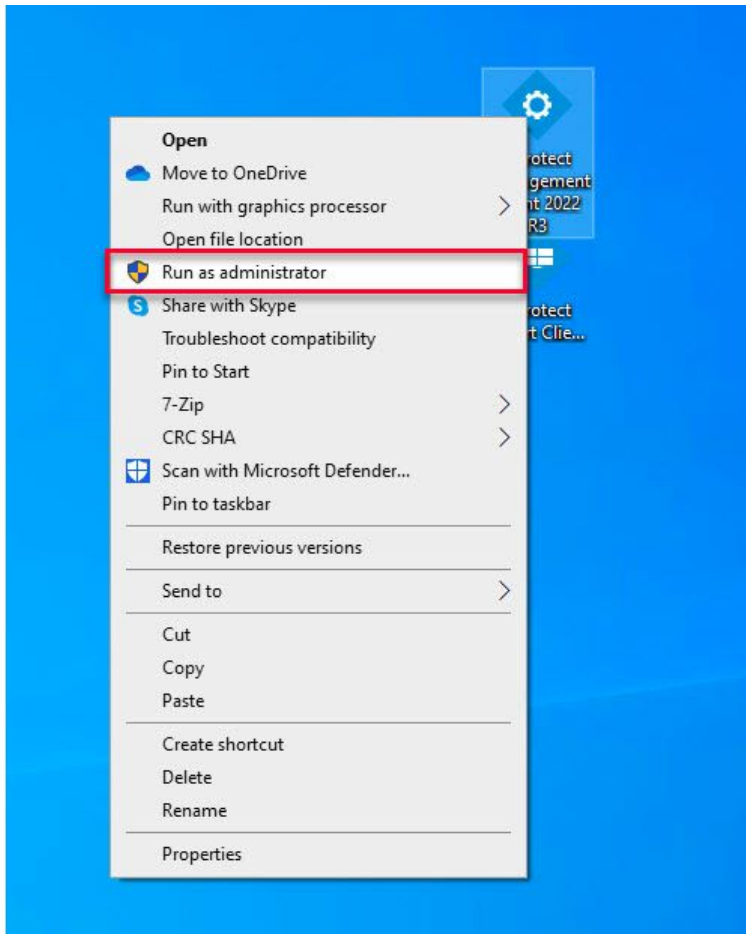
03/13/2023

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



Part 1: Renaming cameras

Parent Site (**Primary Server**)



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

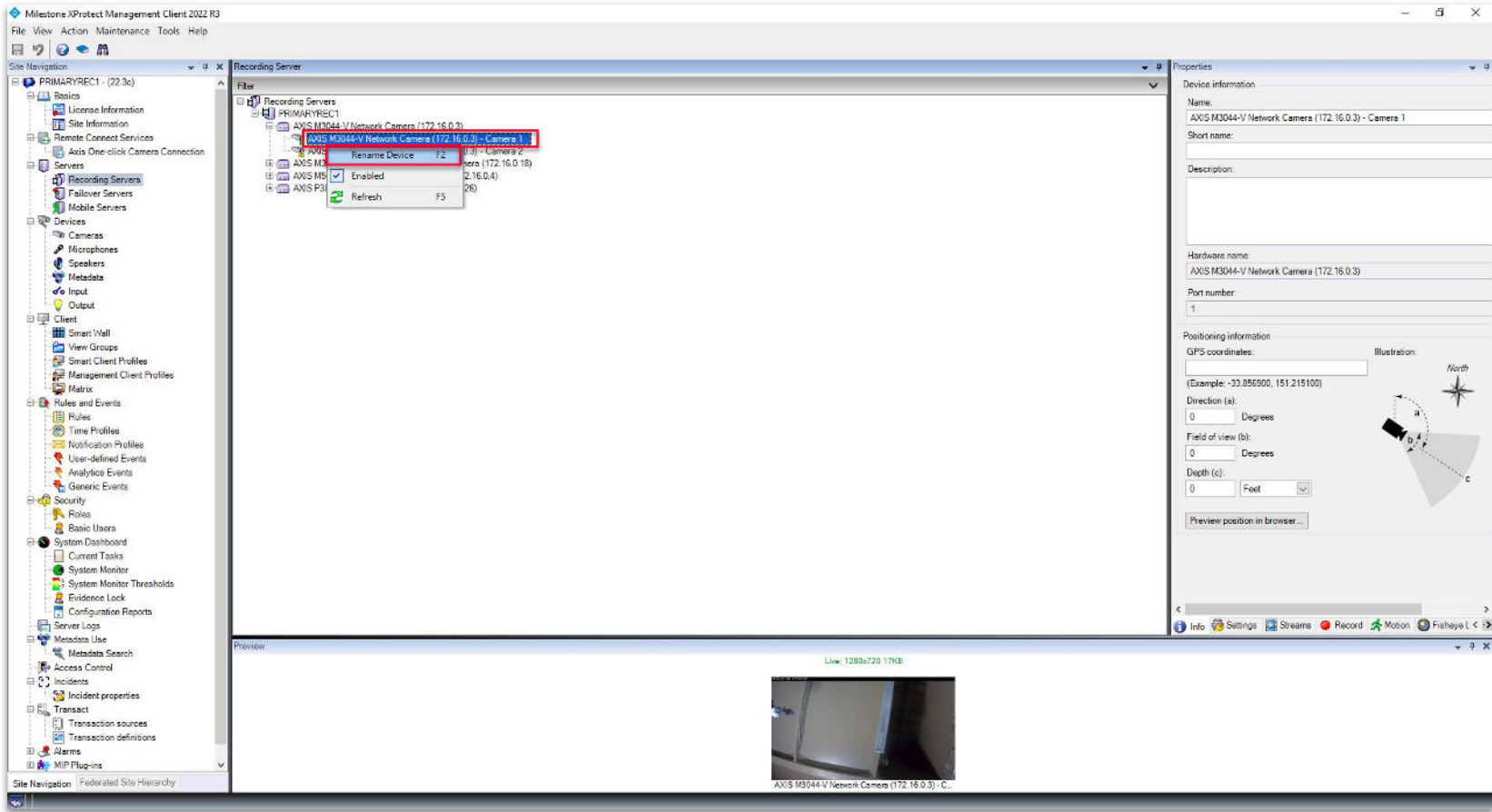
Management Server

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)

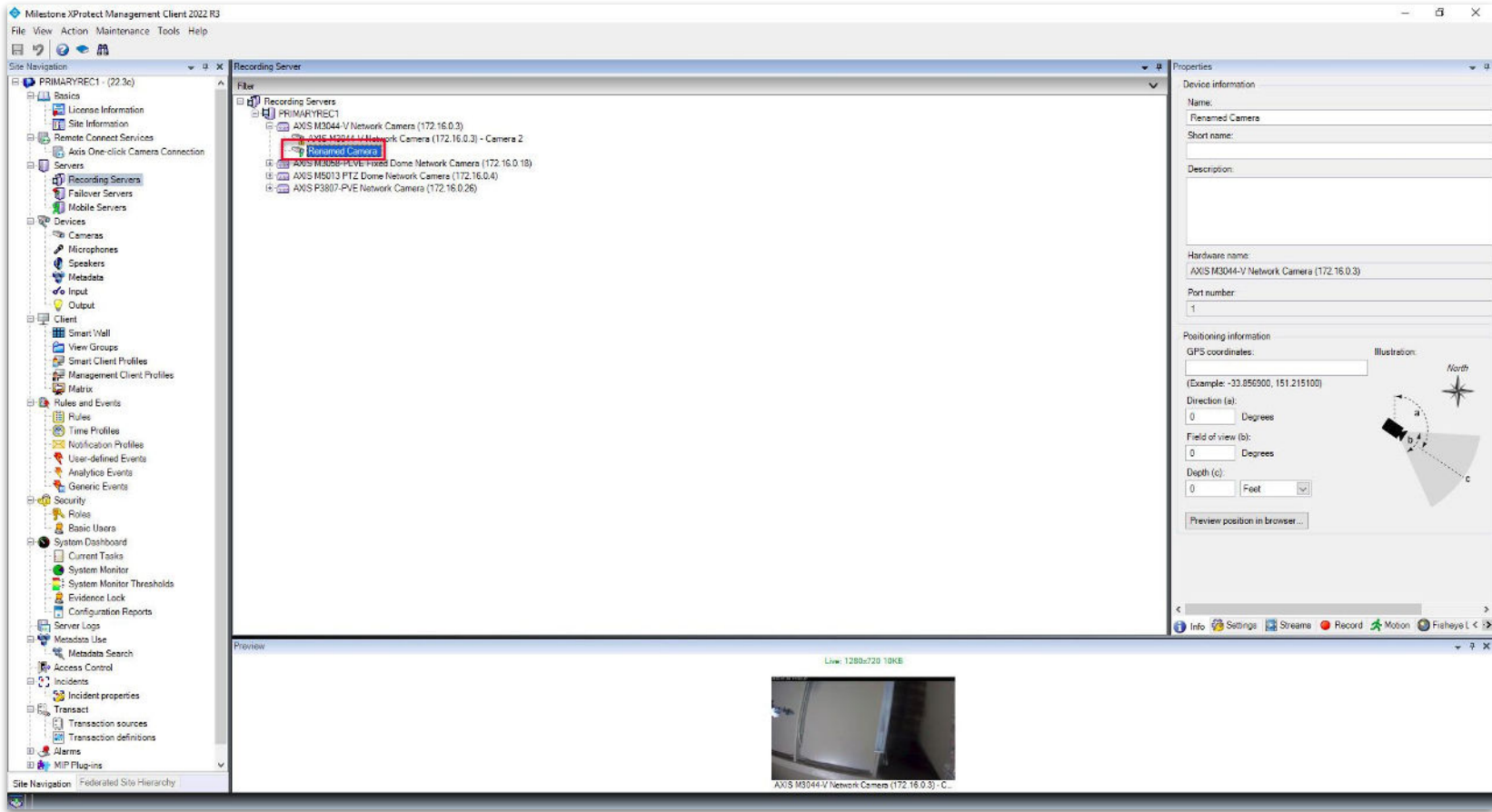
The screenshot displays the Milestone XProtect Management Client 2022 R3 interface. The 'Site Navigation' pane on the left shows a tree view with 'Recording Servers' highlighted under the 'Servers' category. A red circle highlights the 'Recording Servers' icon in the tree, and a red arrow points from this icon to the 'Recording Servers' folder in the main 'Recording Server' pane. The main pane shows a list of recording servers under the filter 'Recording Servers', including 'PRIMARYREC1' and several Axis network cameras. The 'Properties' pane on the right shows the configuration for the selected server, with fields for Name, Description, Host name, Local web server address, Web server address, and Time zone.

Step 3: Goto Site Navigation → Servers → Recording Servers






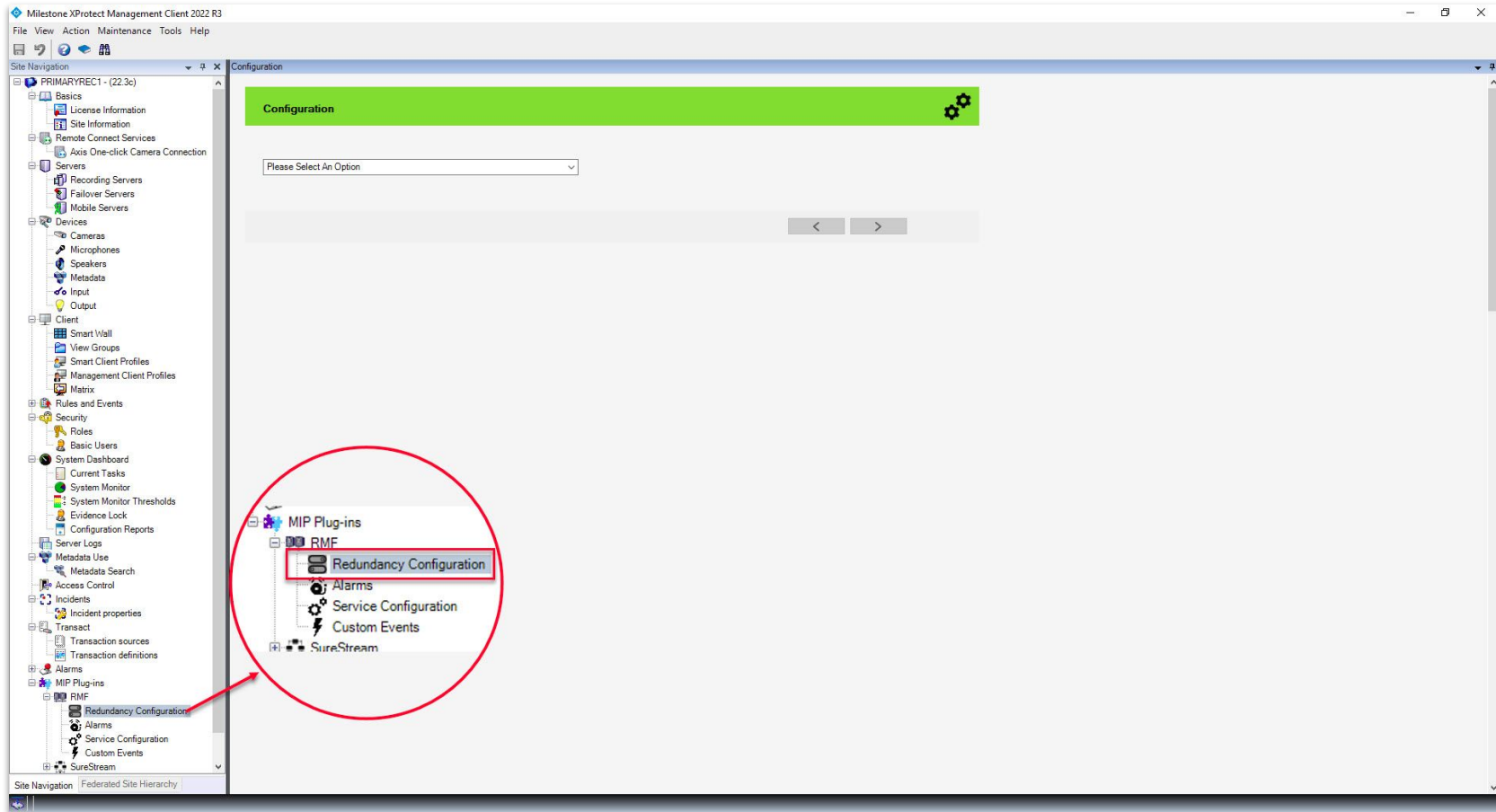
Step 4: Right-click the camera and rename the camera.



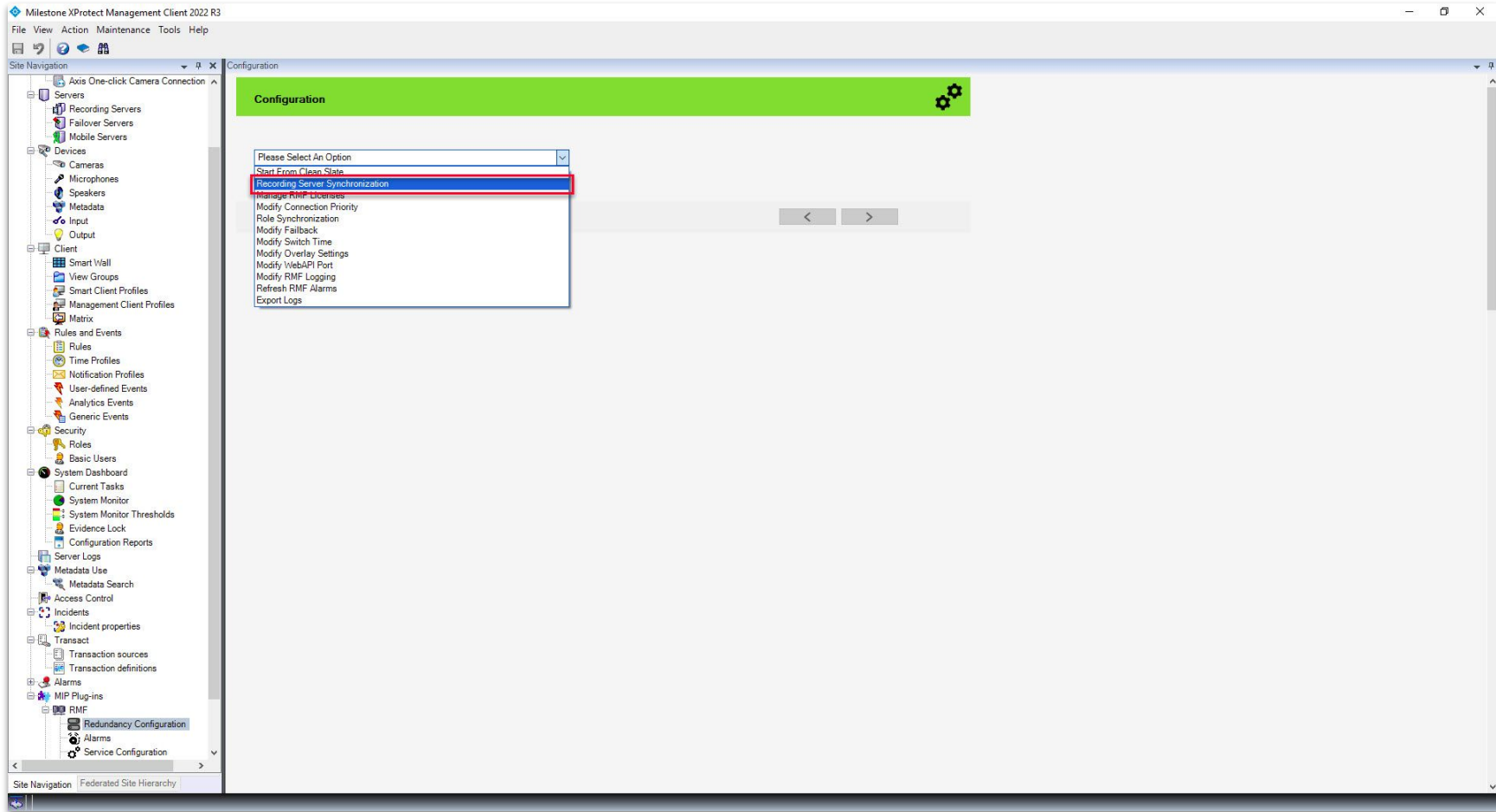
Step 5: The camera is renamed in the parent site (primary server).



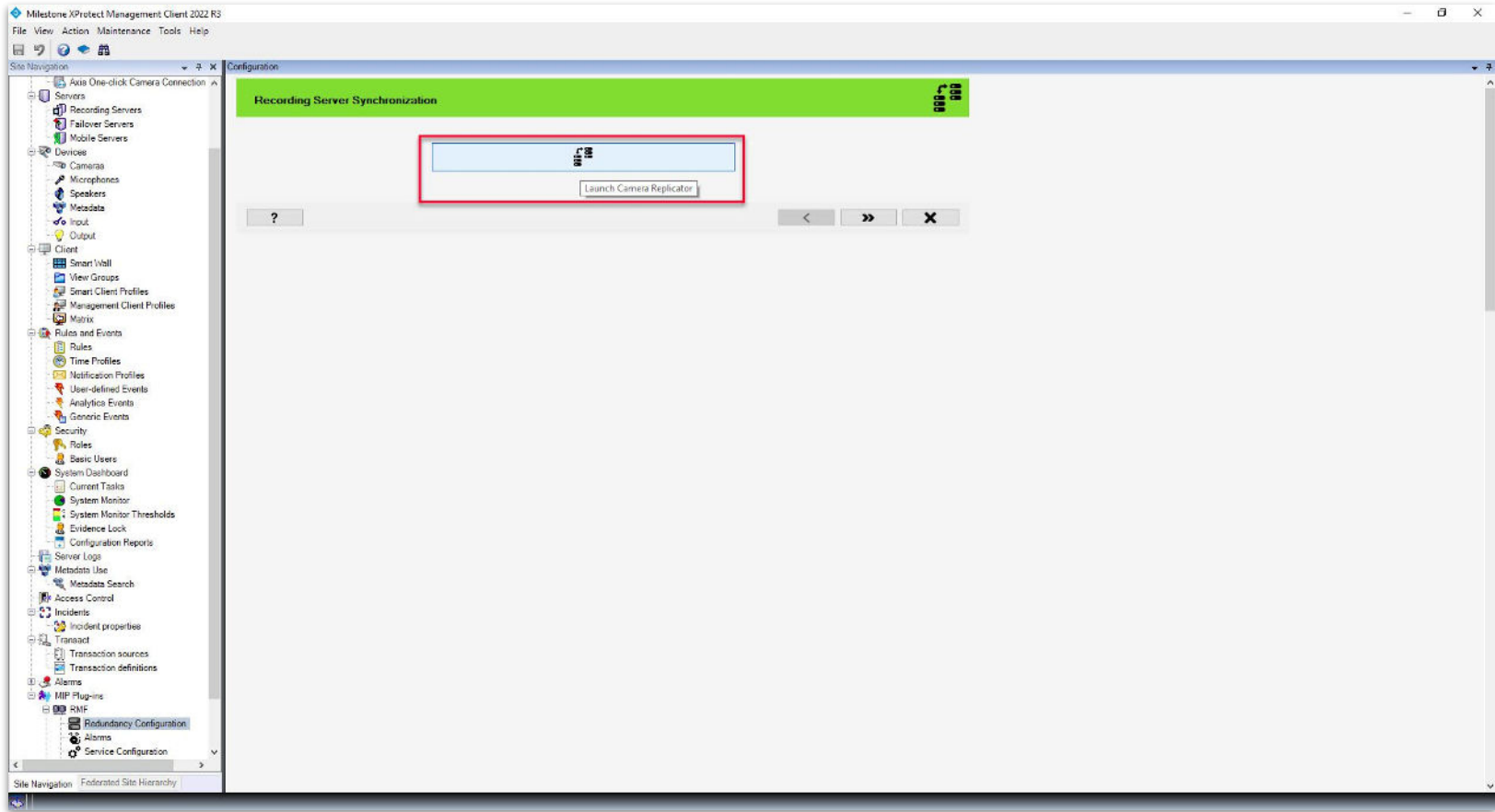
Part 2: RMF configuration changes after renaming the cameras on the parent site (**primary server**)



Step 1: Select the **RMF plugin** from **Site Navigation** → **MIP Plugins**.
Expand **RMF** and select **Redundancy Configuration**

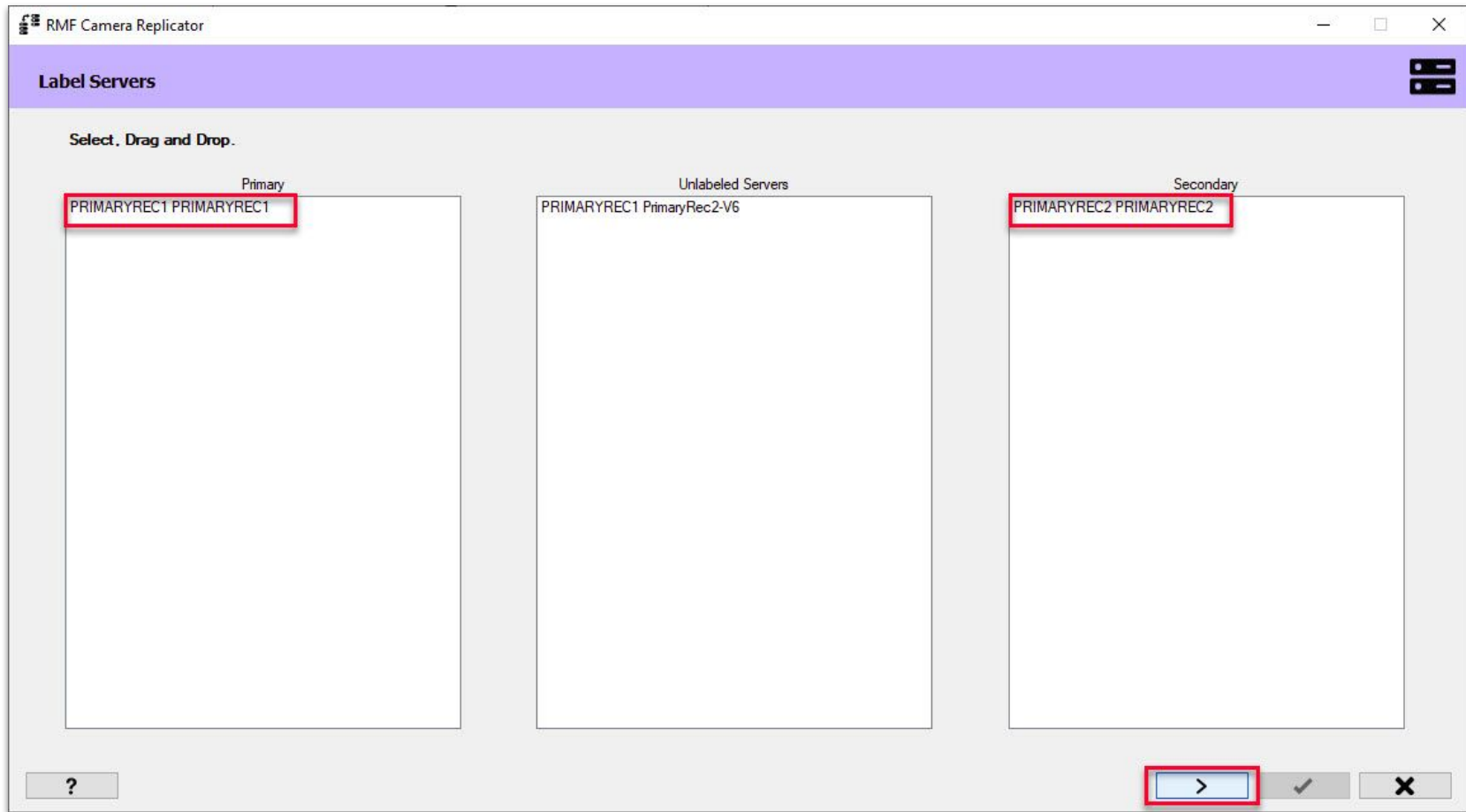


Step 2: Choose **Recording Server Synchronization** from the list.

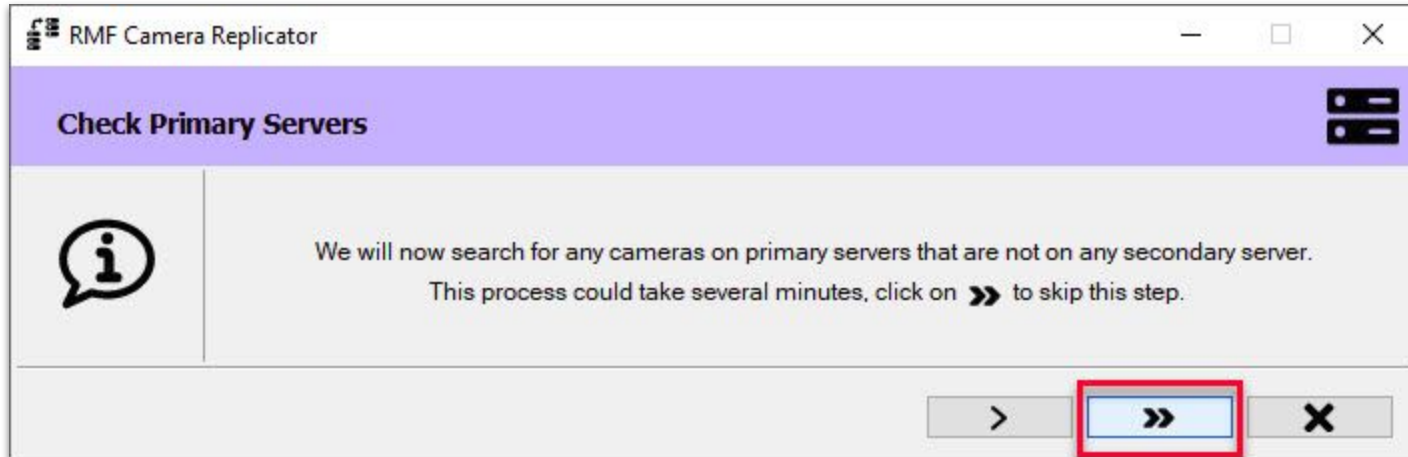


Step 3: Click the **Launch Camera Replicator** button.
The RMF camera replicator helps to copy and synchronize the cameras from the parent site ([primary servers](#)) to redundant recording servers.

Step 4: Login into the **Parent Management Server** as a domain user with admin privileges. (Federated Deployments)
Login into the **Management Server** as a user with admin privileges. (Non-Federated Deployments)

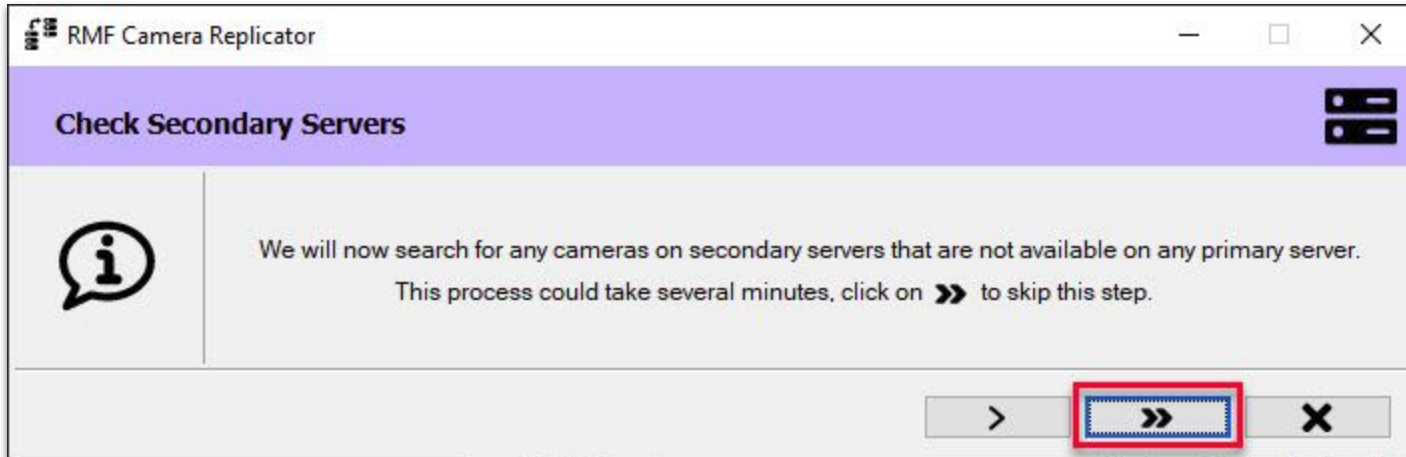


Step 5: Labelled Parent (**Primary**) and Child (**Secondary**) servers are displayed.
Click **Next** to proceed.



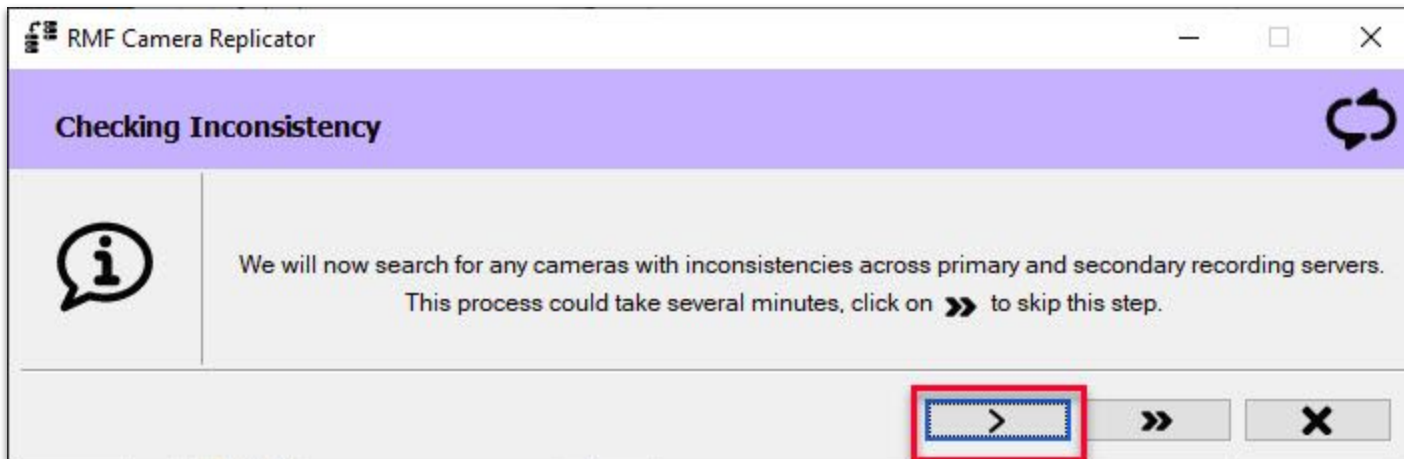
Step 6: Click **Skip** if you do not want to search for the **cameras on the parent (primary) site, not on the child (secondary) site.**

Note: Click **Next** if you wish to replicate the cameras from the parent **(primary) site** that are not on the child **(secondary) site.**

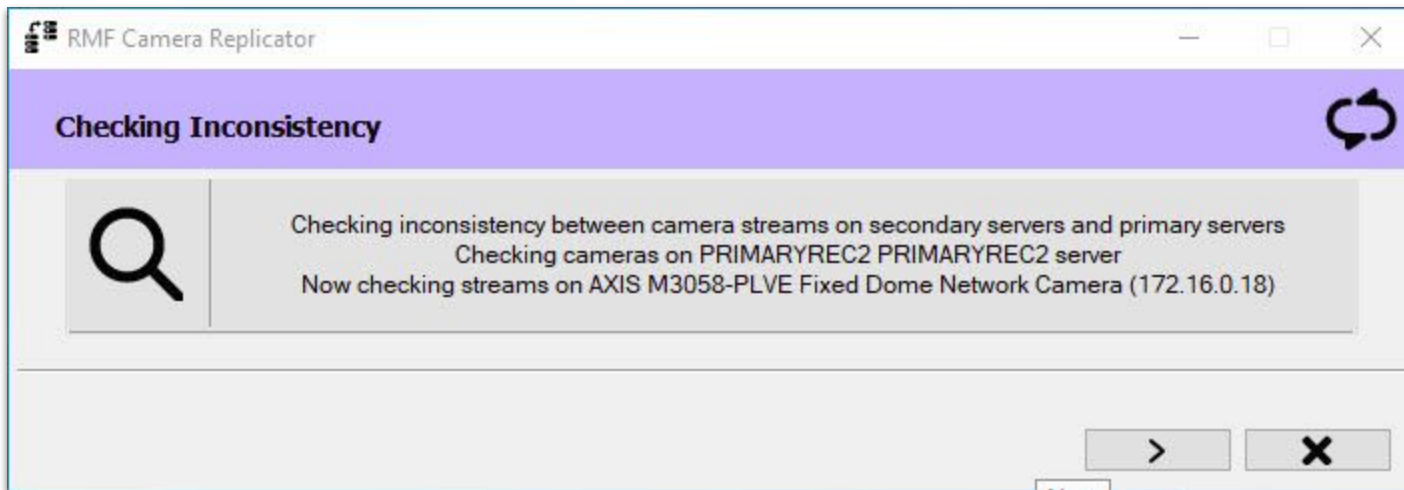


Step 7: Click **Skip**, if you do not want to find cameras on the child (**secondary**) site, not on the parent (**primary**) site.

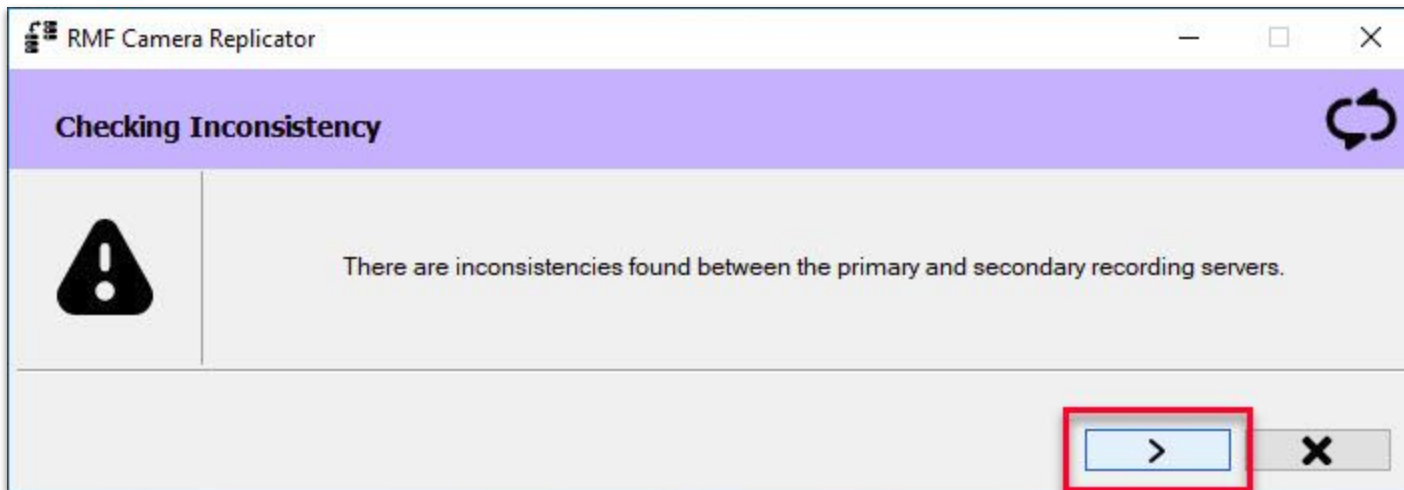
Note: Click the **Next**, If you wish to replicate the cameras from the child (**secondary**) site to the parent (**primary**) site.



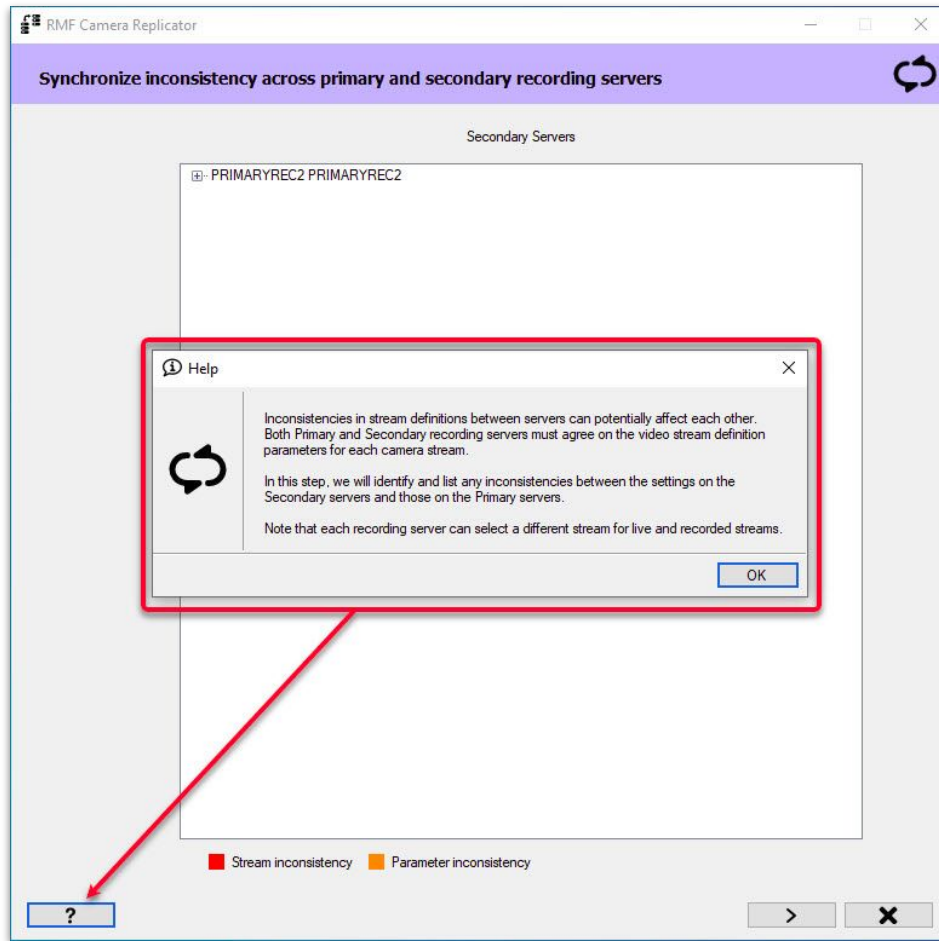
Step 8: Click **Next** to find inconsistencies across parent (**primary**) and child (**secondary**) recording servers.



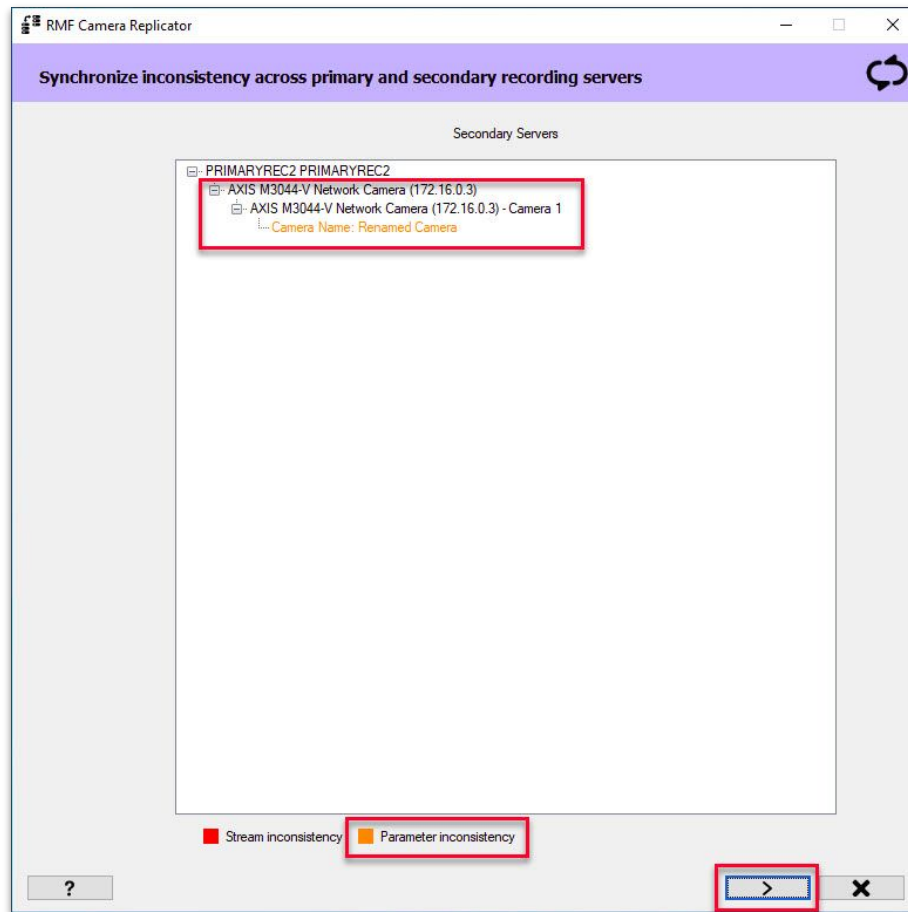
Step 9: Finding inconsistencies across parent (primary) and child (secondary) recording servers.



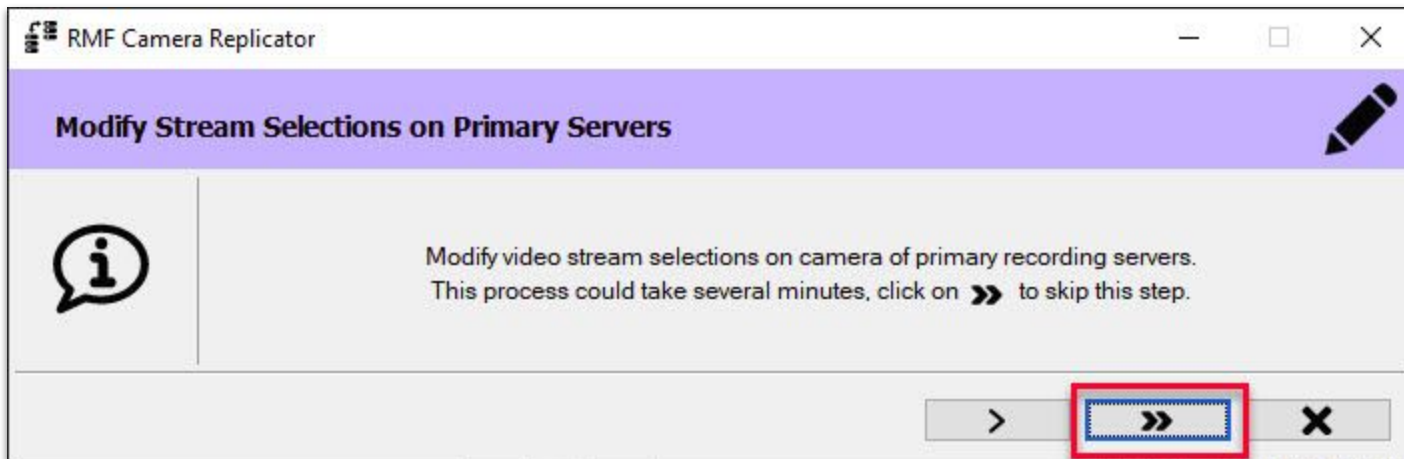
Step 10: Click **Next** to view all the inconsistencies found parent (**primary**) and child (**secondary**) recording server cameras.



Step 11: Stream and Parameter inconsistencies will be listed for the cameras.

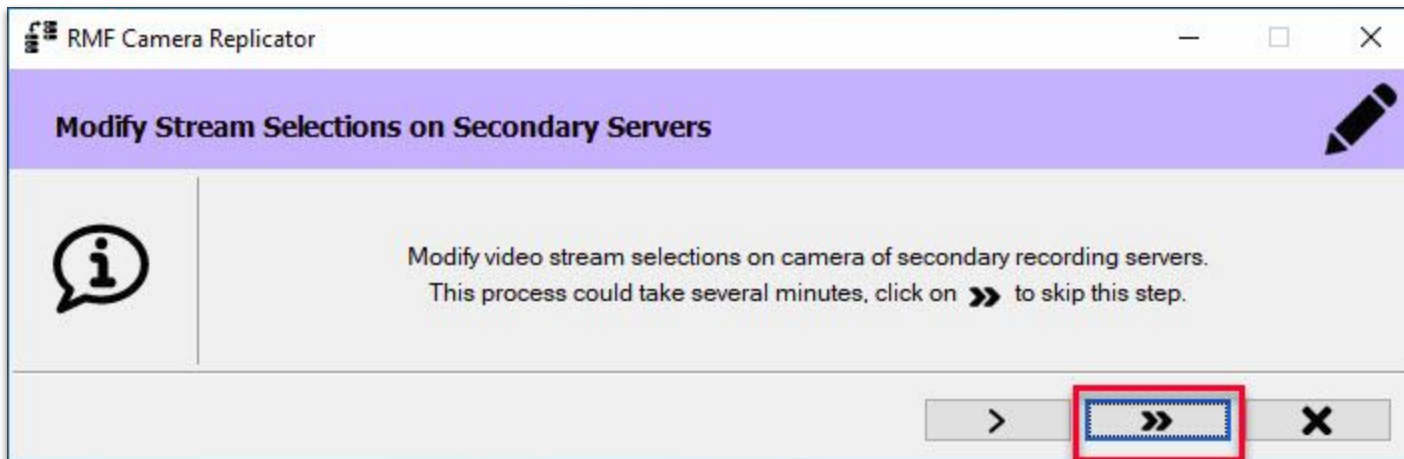


**Step 12: Parameter inconsistency found - Camera Name Renamed is listed.
Click Next.**



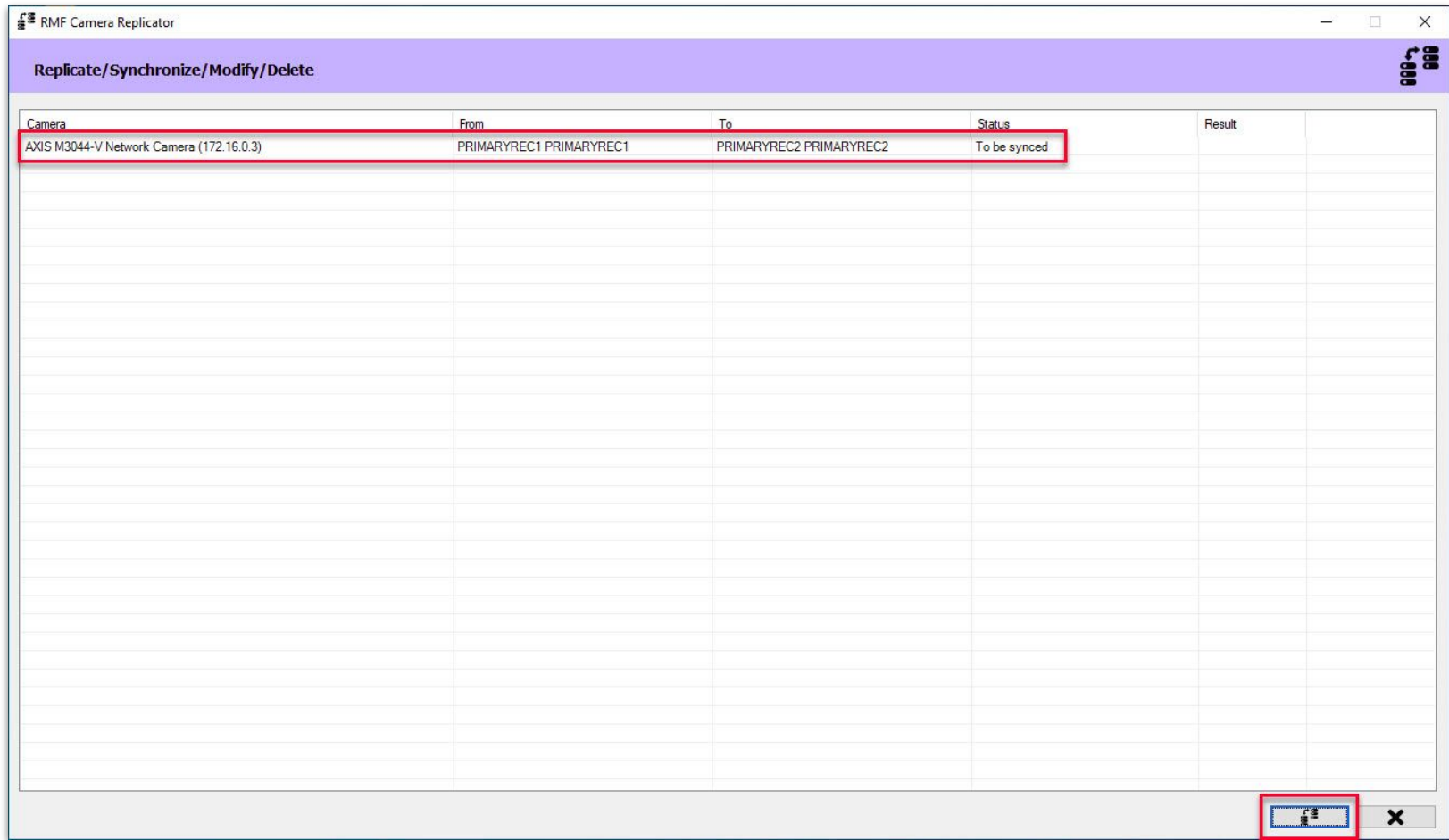
Step 13: Click **Skip** to continue with the setup without modifying video stream selection on parent (primary) site cameras

Note: Click **Next** to modify the video stream selection for the cameras on parent (primary) recording servers, if required.



Step 14: Click **Skip** to continue with the setup without modifying video stream configuration on child (secondary) site cameras.

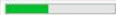
Note: Click **Next** to modify the video stream configuration for the cameras on child (secondary) recording servers, if required.



Step 15: Click **Replicate** to synchronize the camera inconsistency.

RMF Camera Replicator

Replicate/Synchronize/Modify/Delete

Camera	From	To	Progress	Status	Result
AXIS M3044-V Network Camera (172.16.0.3)	PRIMARYREC1 PRIMARYREC1	PRIMARYREC2 PRIMARYREC2		Syncing (Camera stream settings)	

RMF Camera Replicator interface showing a table with columns: Camera, From, To, Progress, Status, and Result. The first row is highlighted with a red border and shows the camera 'AXIS M3044-V Network Camera (172.16.0.3)' being replicated from 'PRIMARYREC1 PRIMARYREC1' to 'PRIMARYREC2 PRIMARYREC2'. The progress bar is partially filled, and the status is 'Syncing (Camera stream settings)'. The interface includes a title bar, a header bar, and a footer bar with a checkmark and an 'X' button.

Step 16: Synchronization in progress.



Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation

PRIMARYREC2 - (22.3c)

Recording Servers

Recording Servers

PRIMARYREC2

AXIS M3044-V Network Camera (172.16.0.3)

AXIS M3044-V Network Camera (172.16.0.3) - Camera 2

Renamed Camera

AXIS M3058-PLVE Fixed Dome Network Camera (172.16.0.18)

AXIS M5013 PTZ Dome Network Camera (172.16.0.4)

AXIS P3807-PVE Network Camera (172.16.0.26)

Recording server information

Name:

Description:

Host name:

Local web server address:

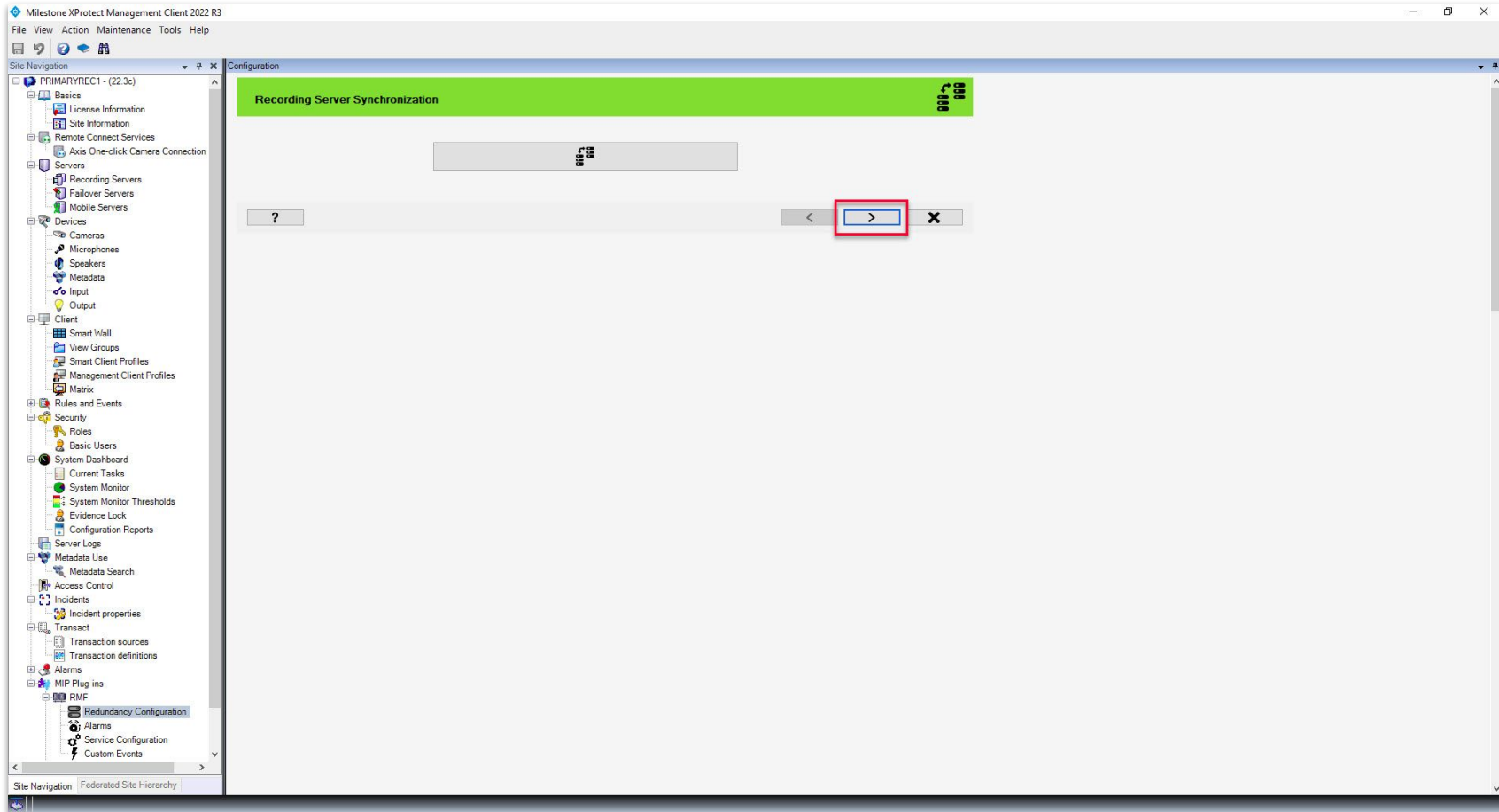
Web server address:

Time zone:

Info

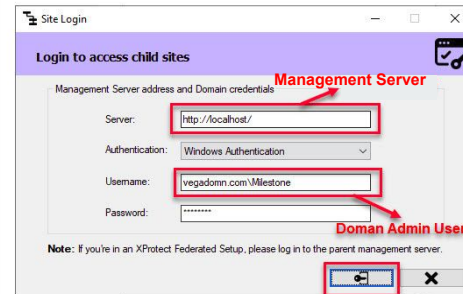
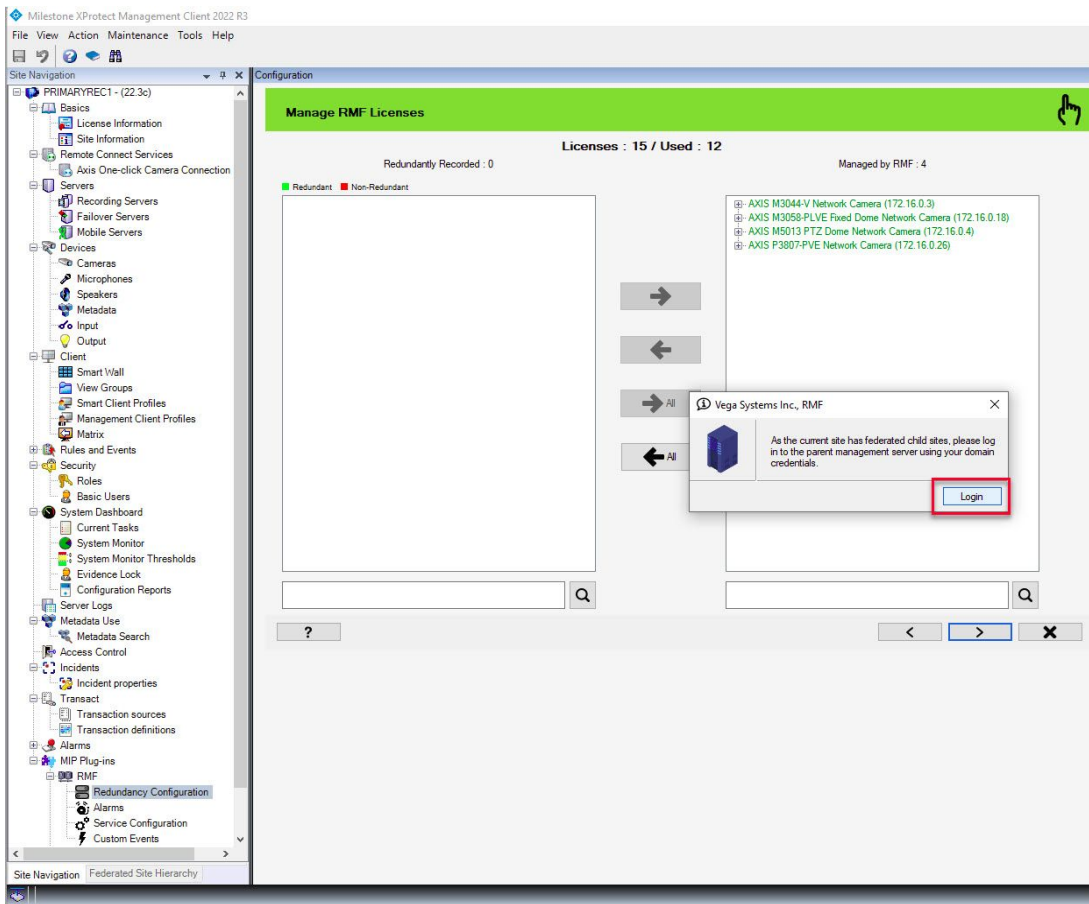
Preview

Verification Step: Camera name is changed in the child (secondary) recording server after the synchronization process.

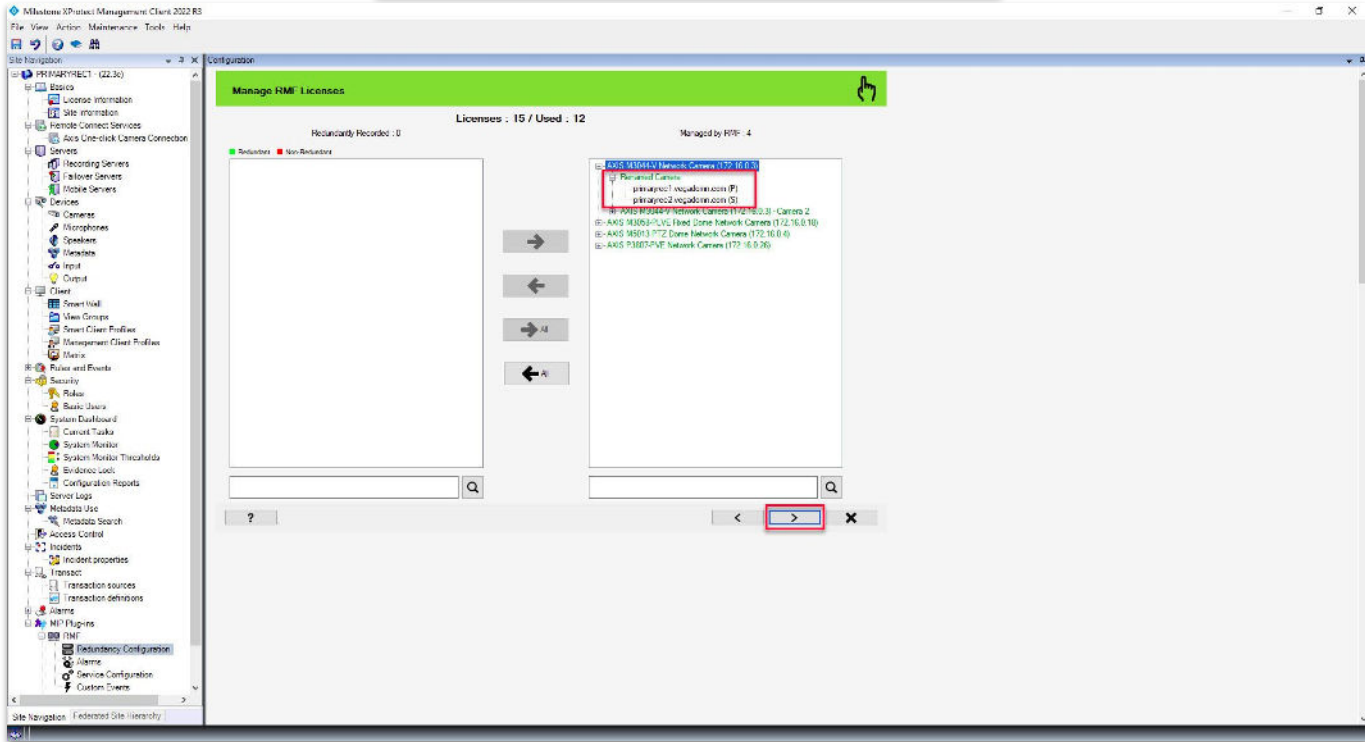


Step 18: Click **Next** to continue.

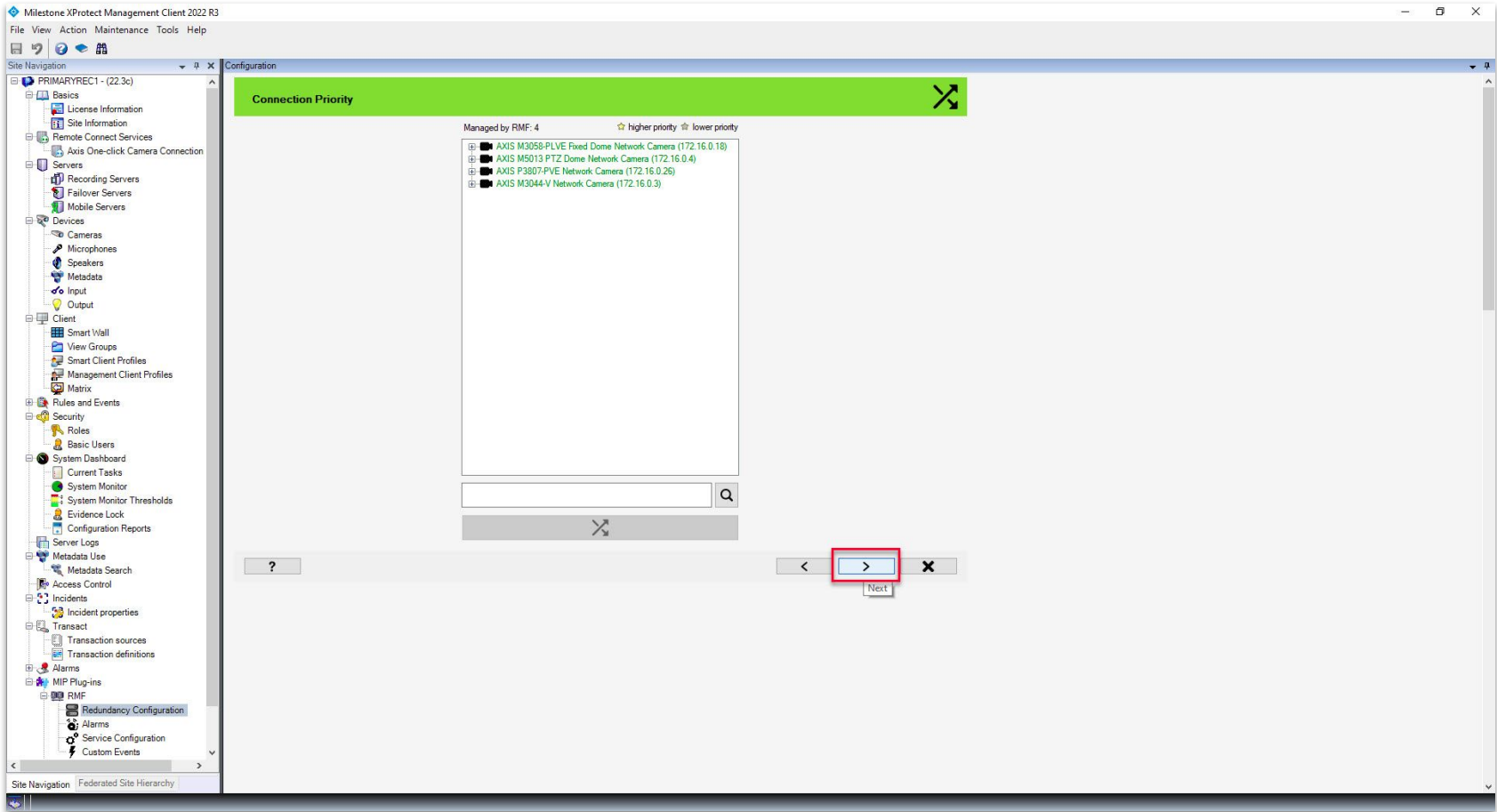




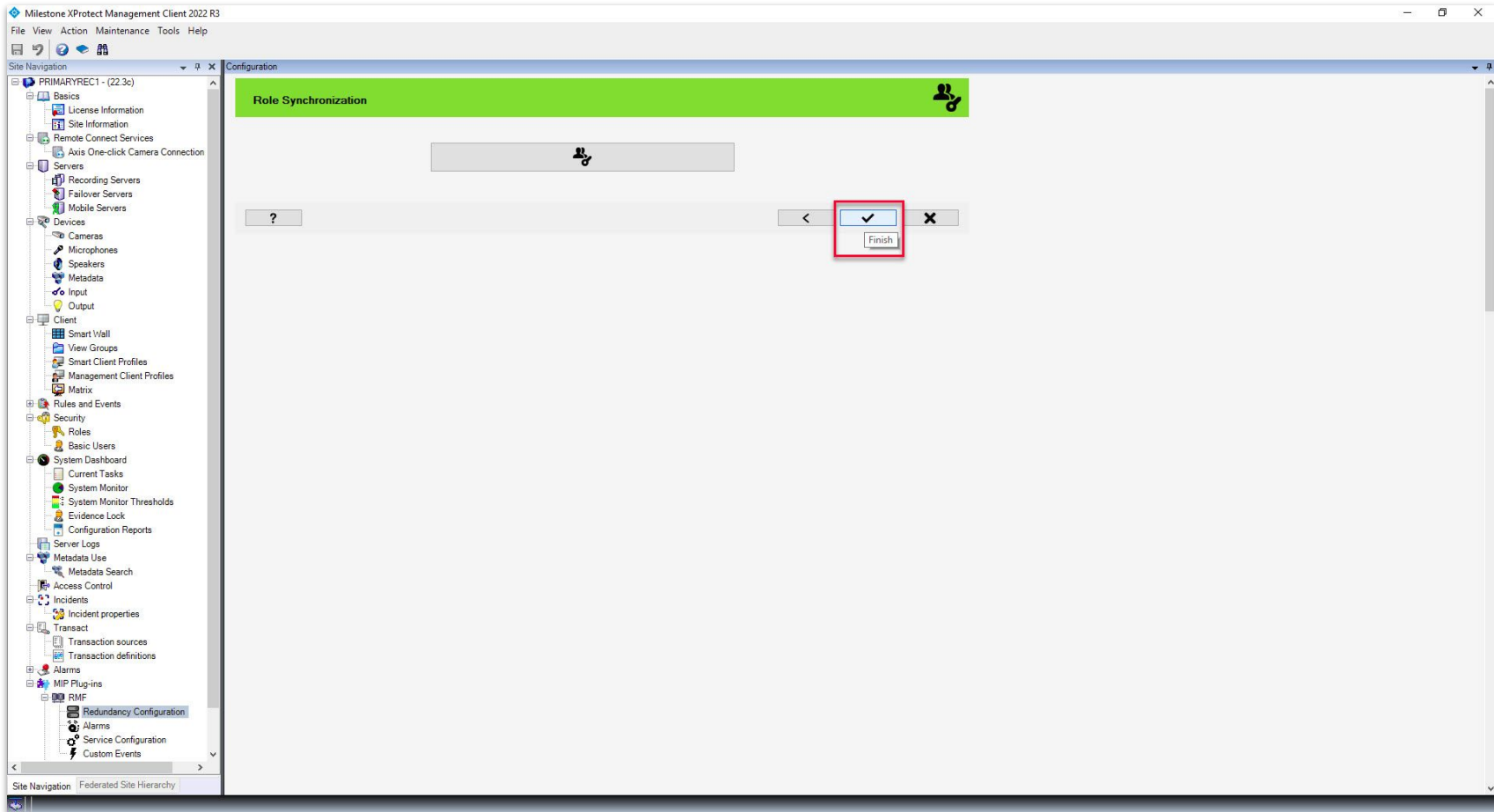
Step 19: Login into the Parent Management Server as a domain user with admin privileges. (Federated Deployments)
Login into Management Server as a user with admin privileges (Non-Federated Deployments)



Step 20: The updated name of the camera has been reflected in the list.



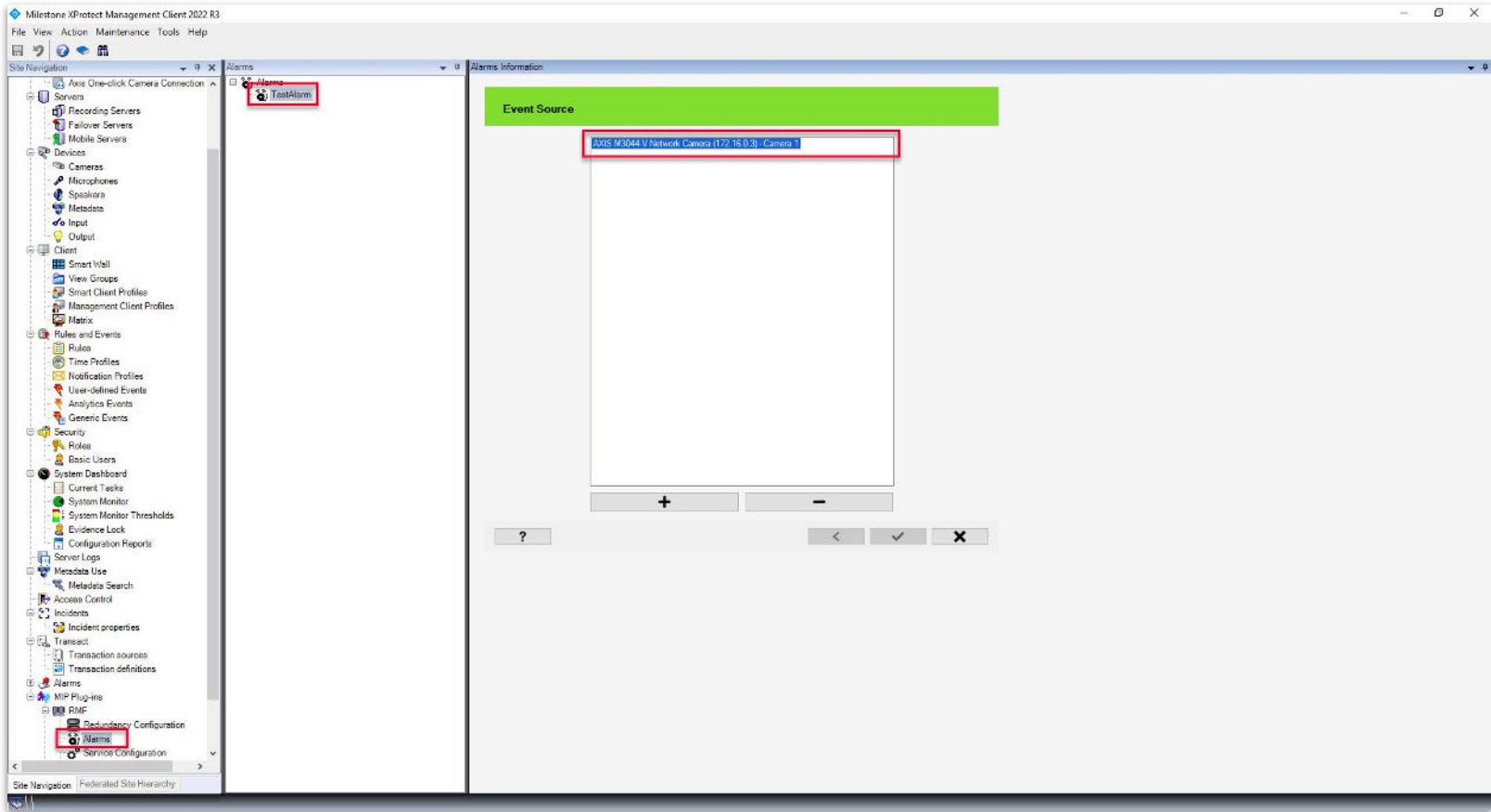
Step 22: Select the camera and click the **Swap** button to change the connection priority, if needed
Click **Next**.



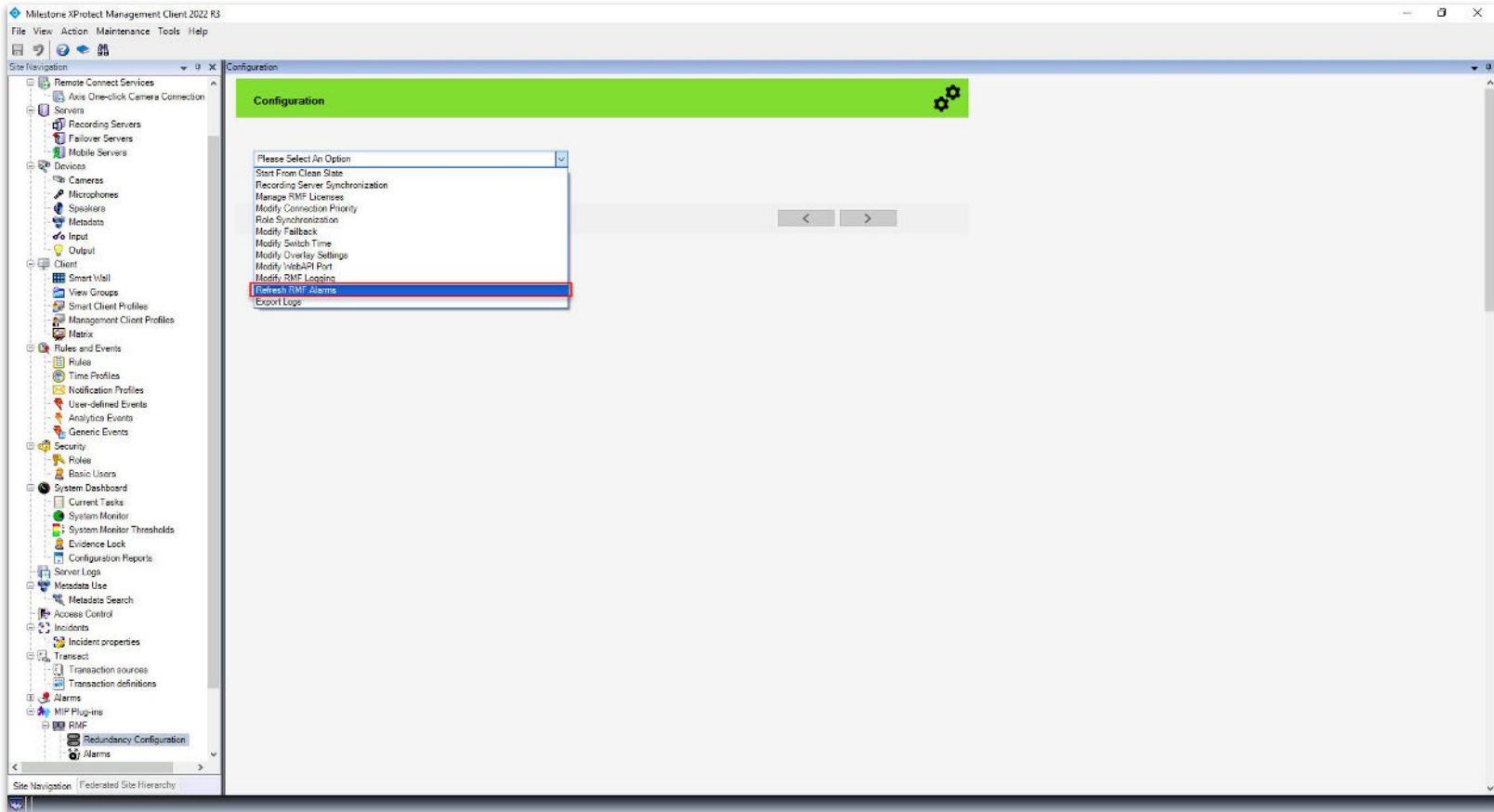
Step 23: Execute the Role Replicator tool to ensure that any modifications made to roles are synchronized.
Click **Finish**.



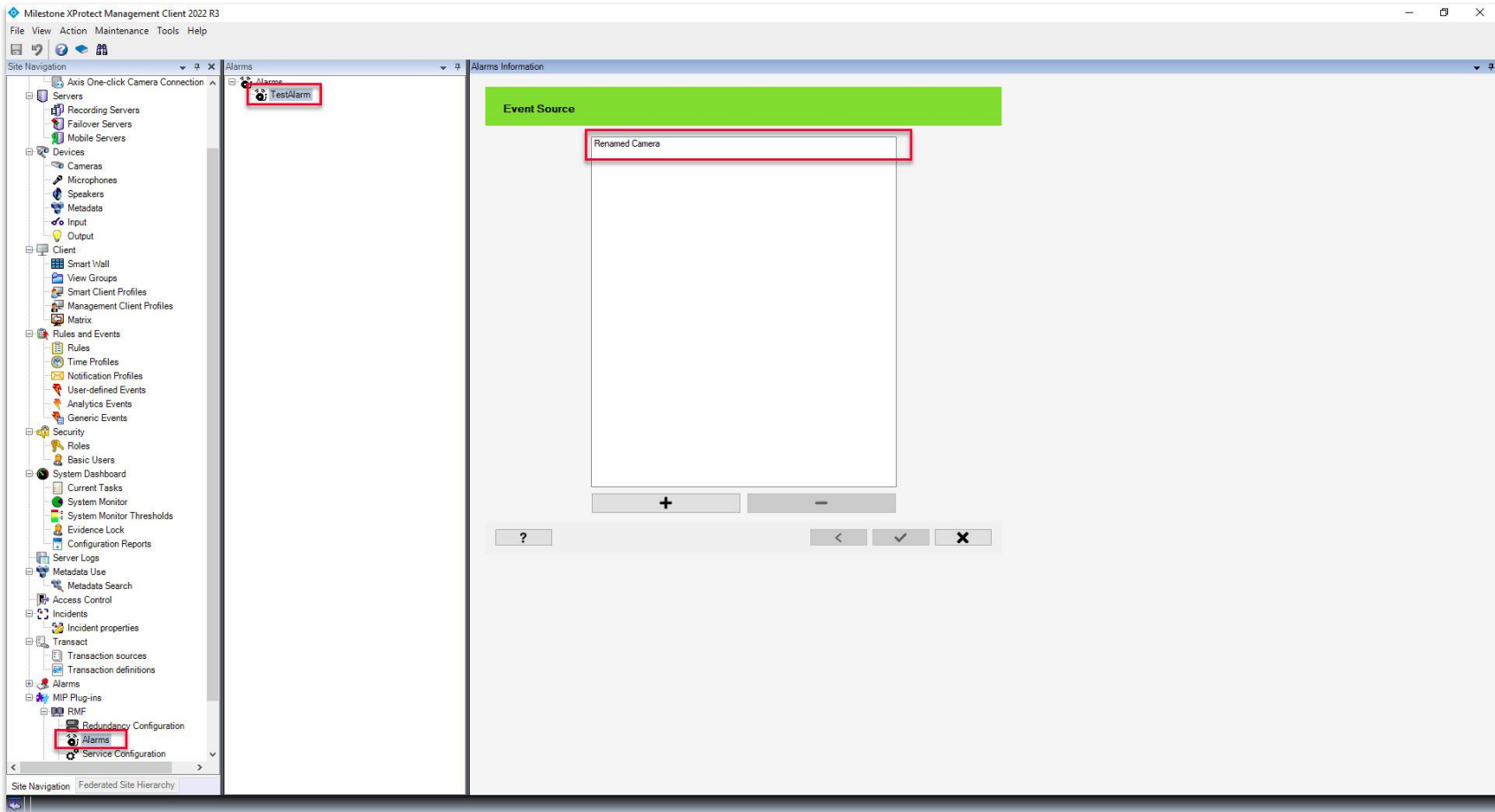
Part 3: Update Alarms



Verification Step: Select the **RMF** plugin from **Site Navigation** → **MIP Plugins**. Expand **RMF** and select **Alarms**. Select the Event Source of the TestAlarm and note the camera name before refreshing alarm.



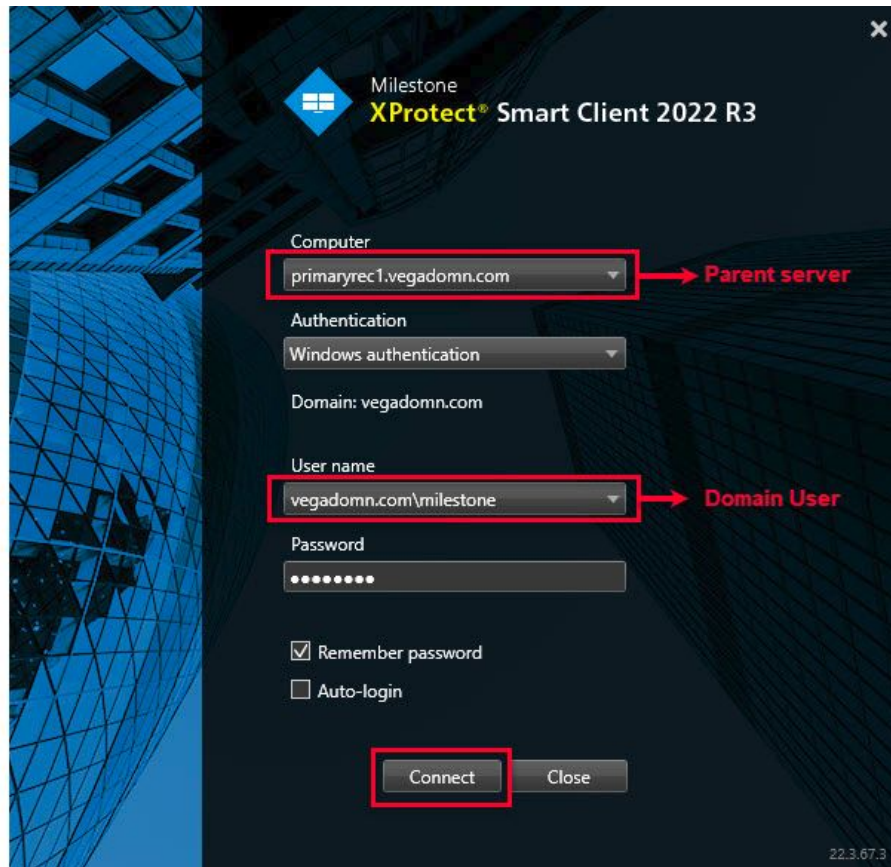
Step 1: Select the **RMF** plugin from **Site Navigation** → **MIP Plugins**.
Expand RMF and select **Redundancy Configuration**
Choose **Refresh RMF Alarms** from the list.



Verification Step: Select the RMF plugin from Site Navigation → MIP Plugins. Expand RMF and select Alarms. Select the Event Source of the TestAlarm and note the updated camera name after refreshing alarm.



Part 4: Verify streaming from the renamed camera (Smart Client)



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

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

Re-Login into **Management Server** using admin user credentials (Non-Federated Deployments)

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 5:00:42 AM. The main window is titled 'RMF View' and shows a video feed of a hallway. A notification banner at the top of the video feed area reads: '4:58:37 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...'. Below the notification, the camera name is updated to 'Renamed Camera' with the RMF path 'RMF: primaryrec1.vegadomn.com 7.99 m 1.85 d 1.0 s'. The left sidebar shows a tree view of views and cameras, with 'RMF View' selected under the 'RMF View Group' and 'PRIMARYREC1' listed under 'Cameras'. The bottom-left corner of the video feed area is highlighted with a blue box.



Step 2: The view is updated with the new camera name.

Milestone XProtect Smart Client

Live | Playback | Exports | Search | **Alarm Manager** | Incidents | RMF Bookmark Viewer | System Monitor | 5:01:55 AM

4:58:37 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 product, please contact your reseller or find one on <https://www.mil...>

Renamed Camera - 1/3/2023 5:00:44.899 AM
2023-01-03 05:00:45

4:40 AM 4:5 1/3/2023 5:00:45.253 AM 5:20 AM 5:30 AM

Quick Filters

- New (1)
- In progress (49)
- On hold (0)
- Closed (0)

PRIMARYREC2

Servers

- PRIMARYREC2
- PRIMARYREC1

Alarms *New (filter applied)* Clear filter Reports 1-1

Time	Priority Level	State Level	State Name	Message	Source	Owner	ID
5:00:45 AM 1/3/2023	1	1	New	TestAlarm1	Renamed Camera		1471



Step 3: The alarm source is also updated with the new camera name.