

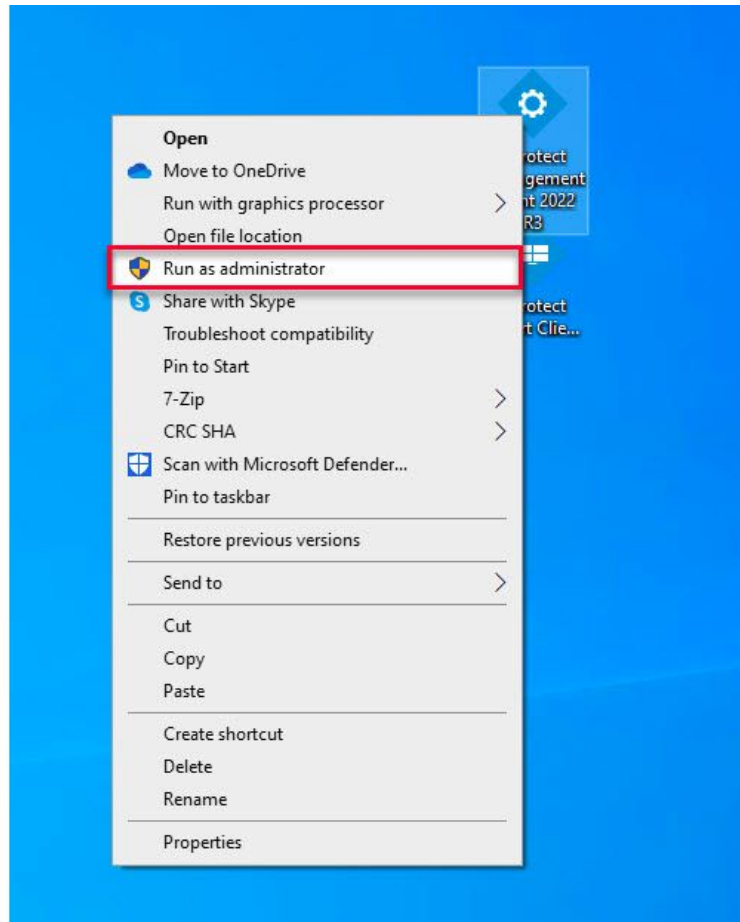


RMF - Remove a Recording Server

Vega Systems Inc.

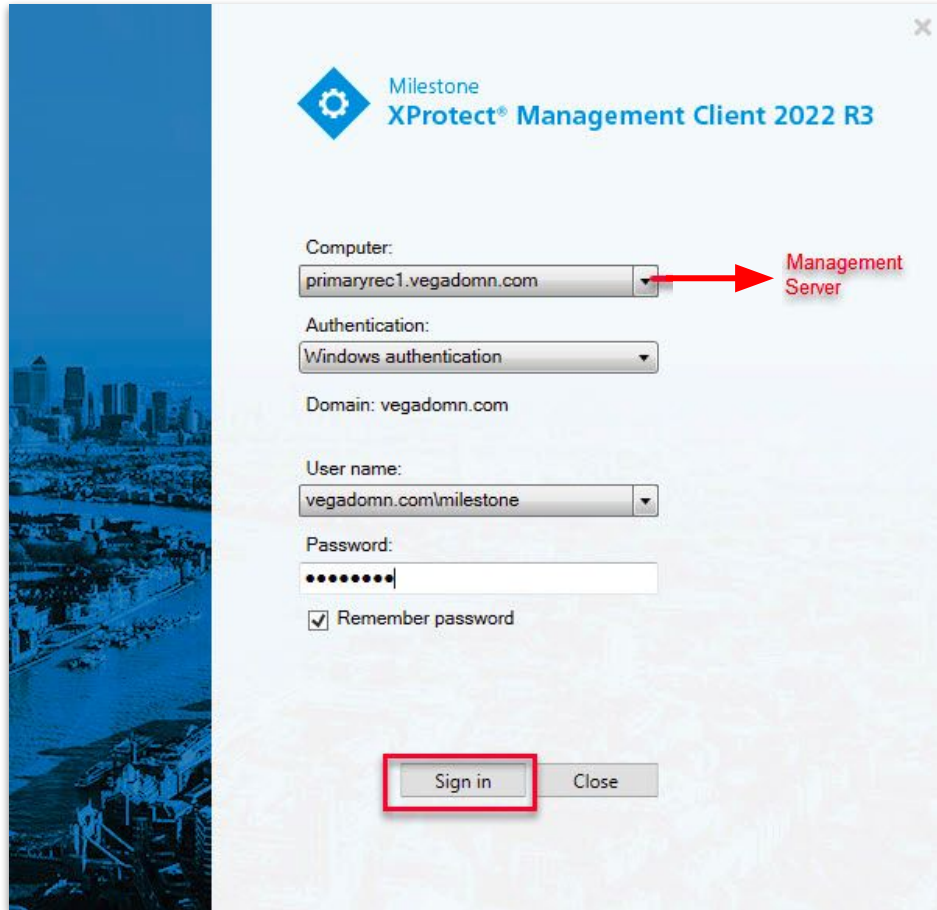
03/14/2023

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



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

Note: Run as administrator



Step 2: 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)

The screenshot displays the Milestone XProtect Management Client interface. On the left, the 'Site Navigation' pane shows a tree view of system components. The 'MIP Plug-ins' folder is expanded, and the 'RMF' (Redundancy Management Framework) plugin is highlighted with a red box. A red arrow points from this box to a circular callout on the right side of the main content area. This callout shows a list of MIP Plug-ins, with 'RMF' also highlighted by a red box. The main content area on the right features a blue header with the 'milestone | XProtect®' logo and a title 'RMF' with a small icon. Below the title, there is a section for 'Redundancy Management Framework' with a descriptive paragraph and a list of four key features: 1. Cause Agnostic Failure detection, 2. Rapid mitigation, 3. Flexible, asymmetric redundancy, and 4. Support for XProtect Federation. Further down, there is a 'License Information' section with details about a demo license and the version number (5.2.0).

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
 - Fallover 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
- 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
 - MIP SDK Samples
 - SureStream

Site Navigation Federated Site Hierarchy

milestone | XProtect®

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:

1. **Cause Agnostic Failure detection:** RMF integrates failure detectors into each Smart Client view window to identify and address issues quickly.
2. **Rapid mitigation:** With near instantaneous live video recovery and automatic playback sourcing, RMF ensures constant access to critical video data.
3. **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.
4. **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
Email - 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

- RMF
- MIP SDK Samples
- SureStream

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



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- MIP Plug-ins

RMF

- Redundancy Configuration
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- Service Configuration
- Custom Events

Configuration

Manage RMF Licenses

Licenses : 15 / Used : 11

Redundantly Recorded : 0

Managed by RMF : 3

Legend: ■ Redundant ■ Non-Redundant

Device Name	IP Address	Camera ID	Redundant
AXIS M3044-V Network Camera	172.16.0.3	-	Non-Redundant
AXIS M3044-V Network Camera (172.16.0.3) - Camera 1	172.16.0.3	-Camera 1	Redundant
primaryrec2-v6.vegadomn.com (P)			Redundant
primaryrec2.vegadomn.com (S)			Redundant
AXIS M3044-V Network Camera (172.16.0.3) - Camera 2	172.16.0.3	-Camera 2	Redundant
AXIS P3807-PVE Network Camera (172.16.0.26)	172.16.0.26		Redundant
ONVIF IP4DIR100 (172.16.0.12)	172.16.0.12		Redundant

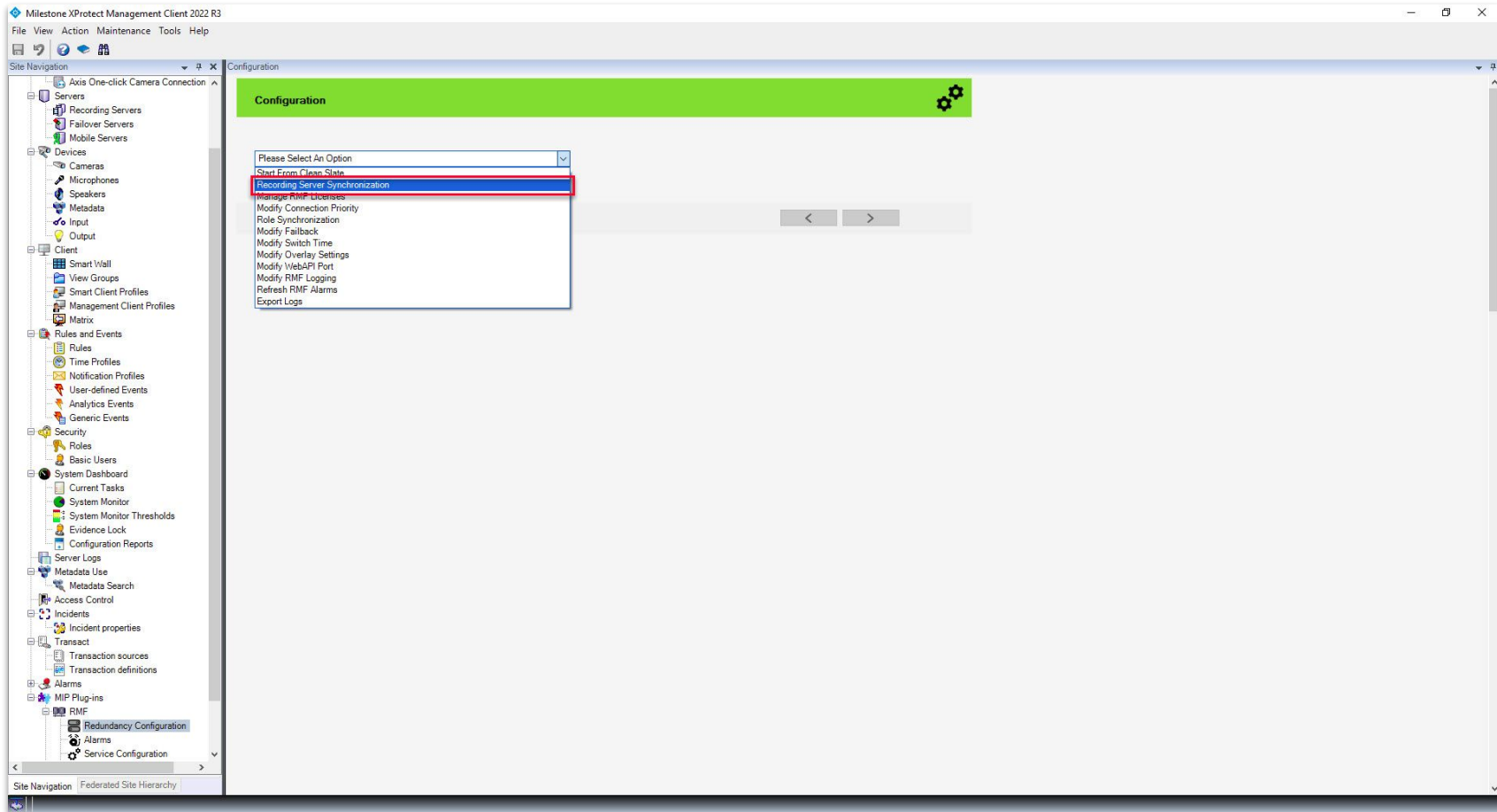
Navigation: ? < > X



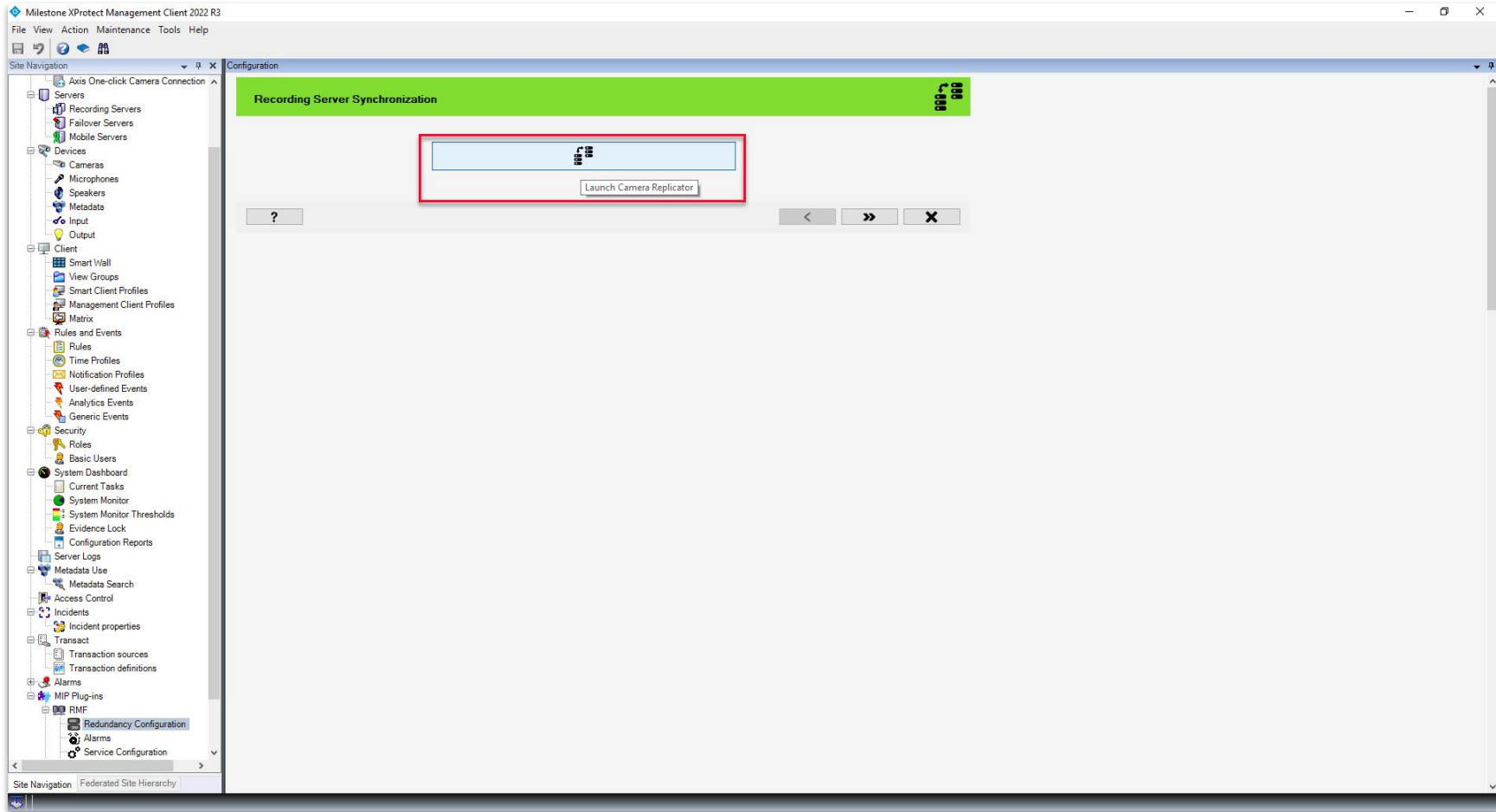
Verification Step: Camera list before removing the recording server.



Remove an existing recording server

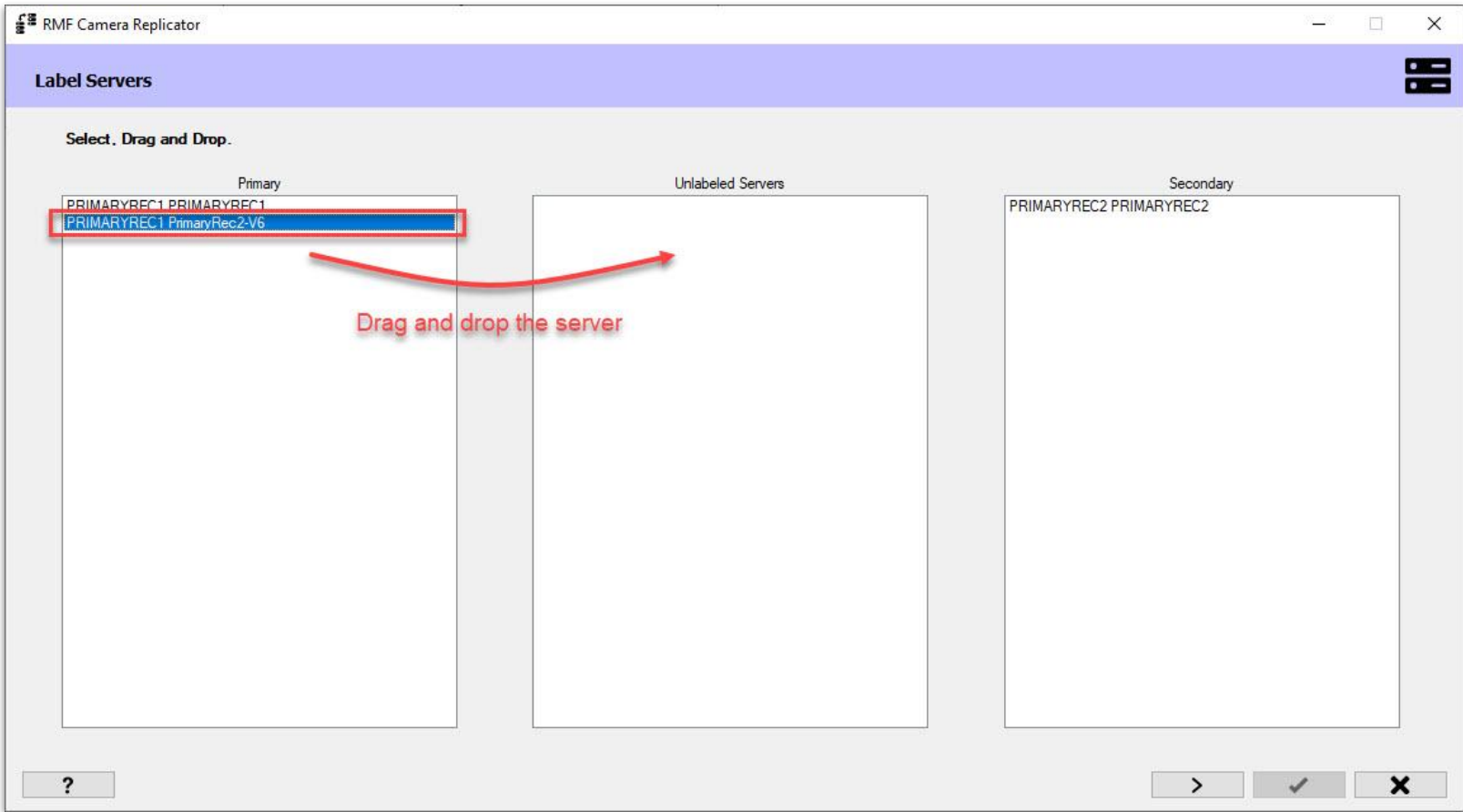


Step 4: Goto **Redundancy Configuration** under **Site Navigation** → **RMF**.
Select **Recording Server Synchronization** from the list.

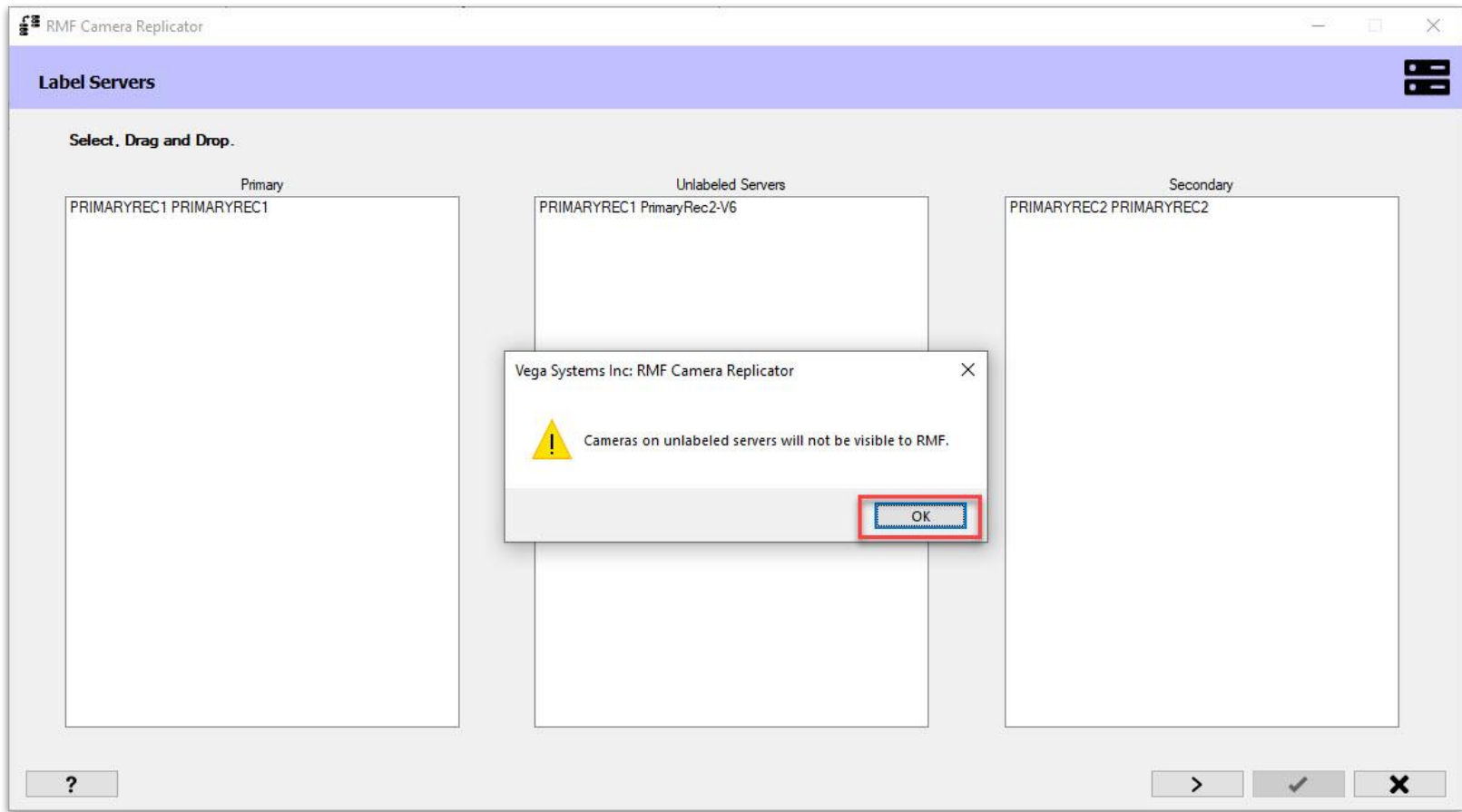


Step 5: Click the **Launch Camera Replicator** button.

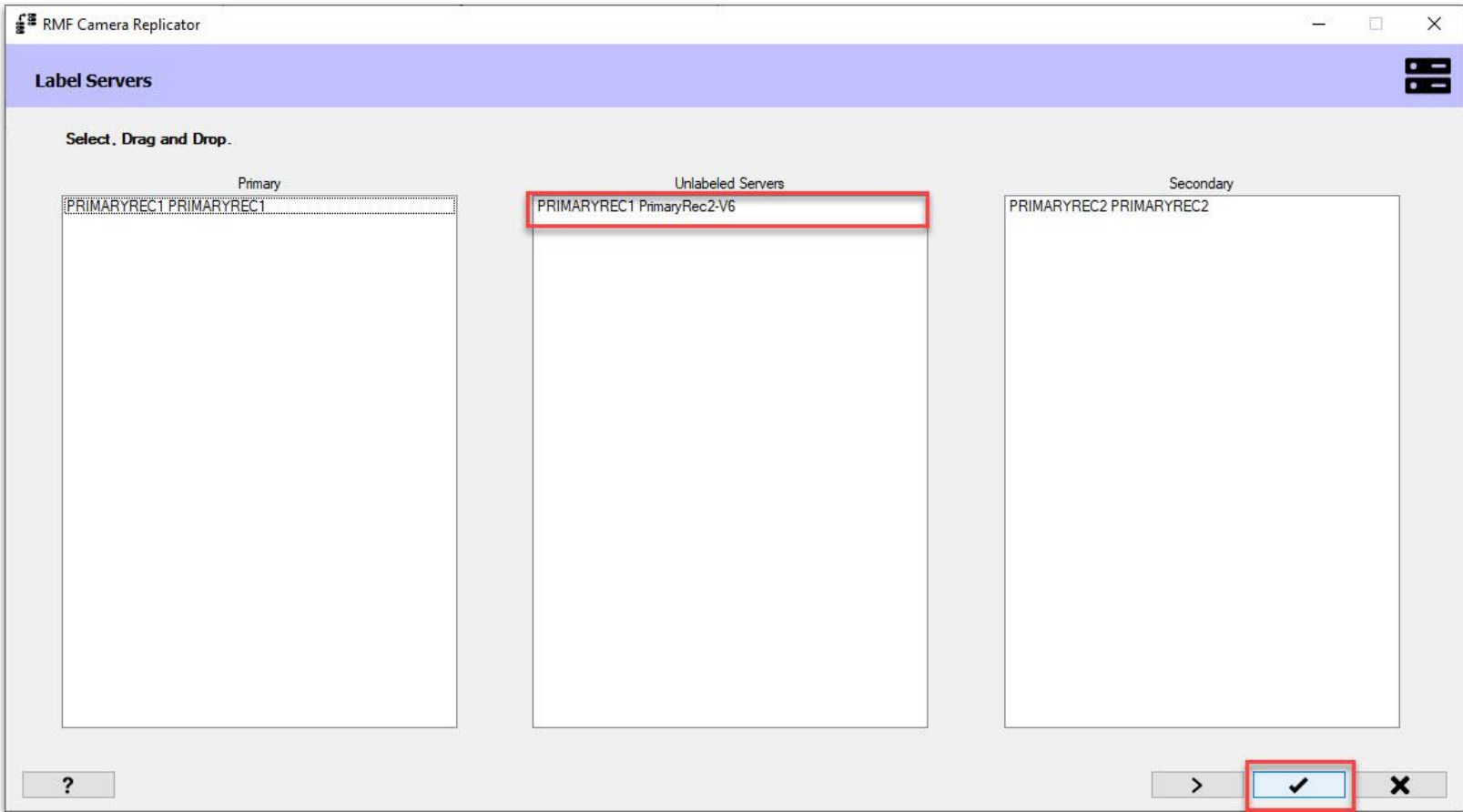
Step 6: Login into the **Parent Management Server** as a domain user with admin privileges. (Federated Deployments)
Login into the **Management Server** as a user with admin privileges. (Non-Federated Deployments)



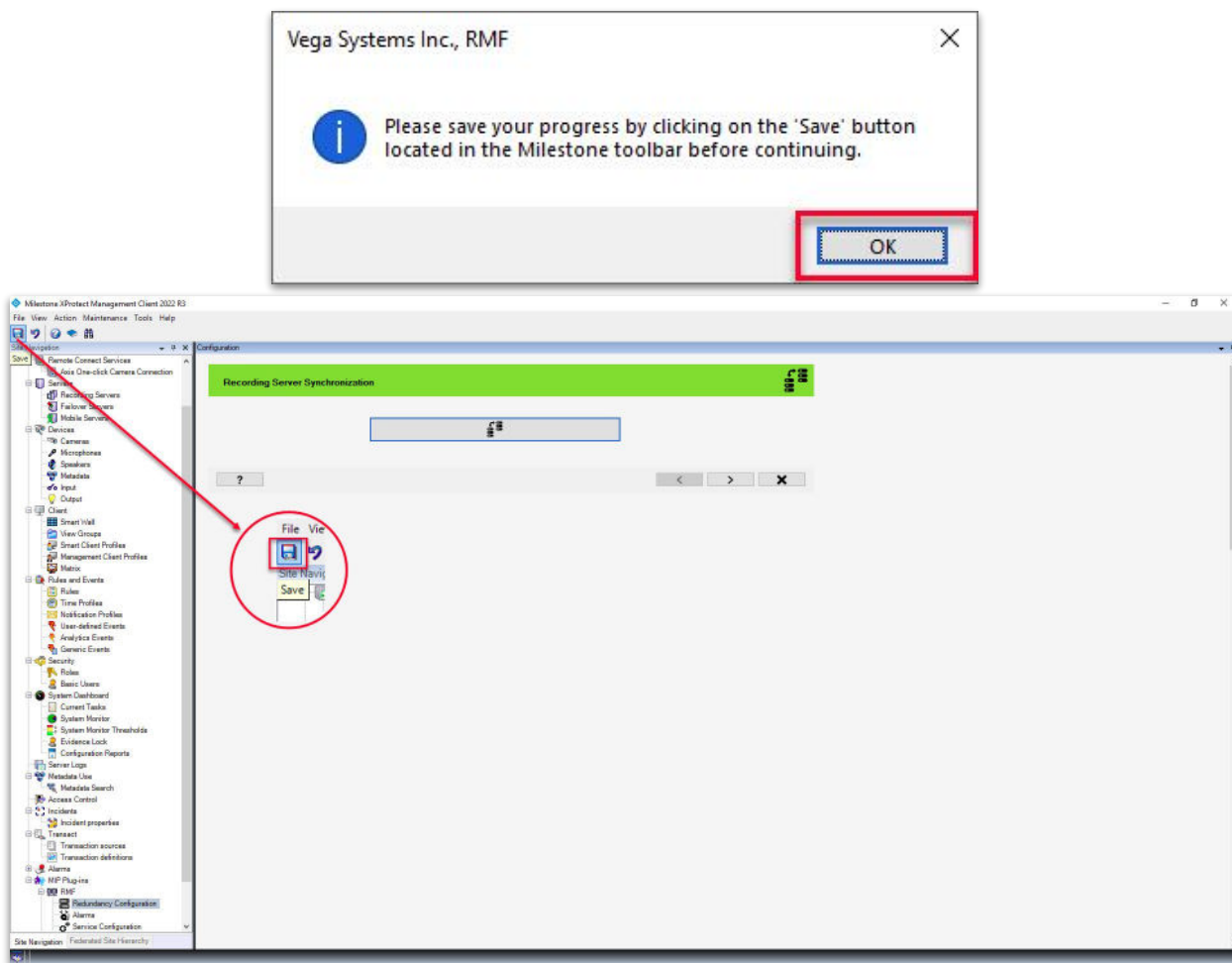
Step 7: Select the recording server from Primary or Secondary that needs to be removed/unlabeled. Drag and drop to Unlabeled Servers.



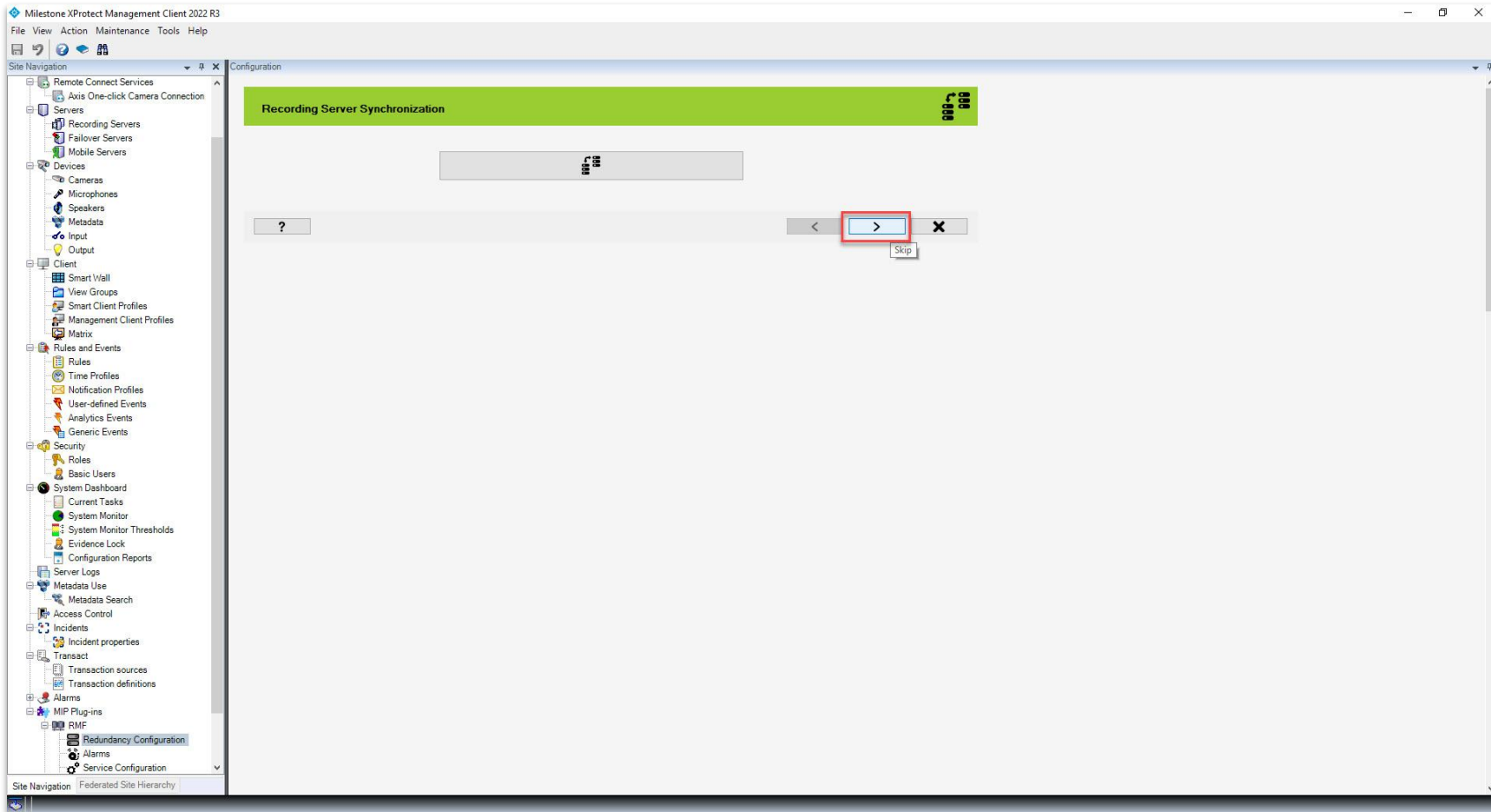
Step 8: Click **OK** after moving the server to Unlabeled Servers list.



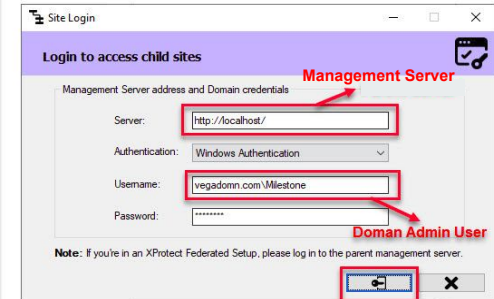
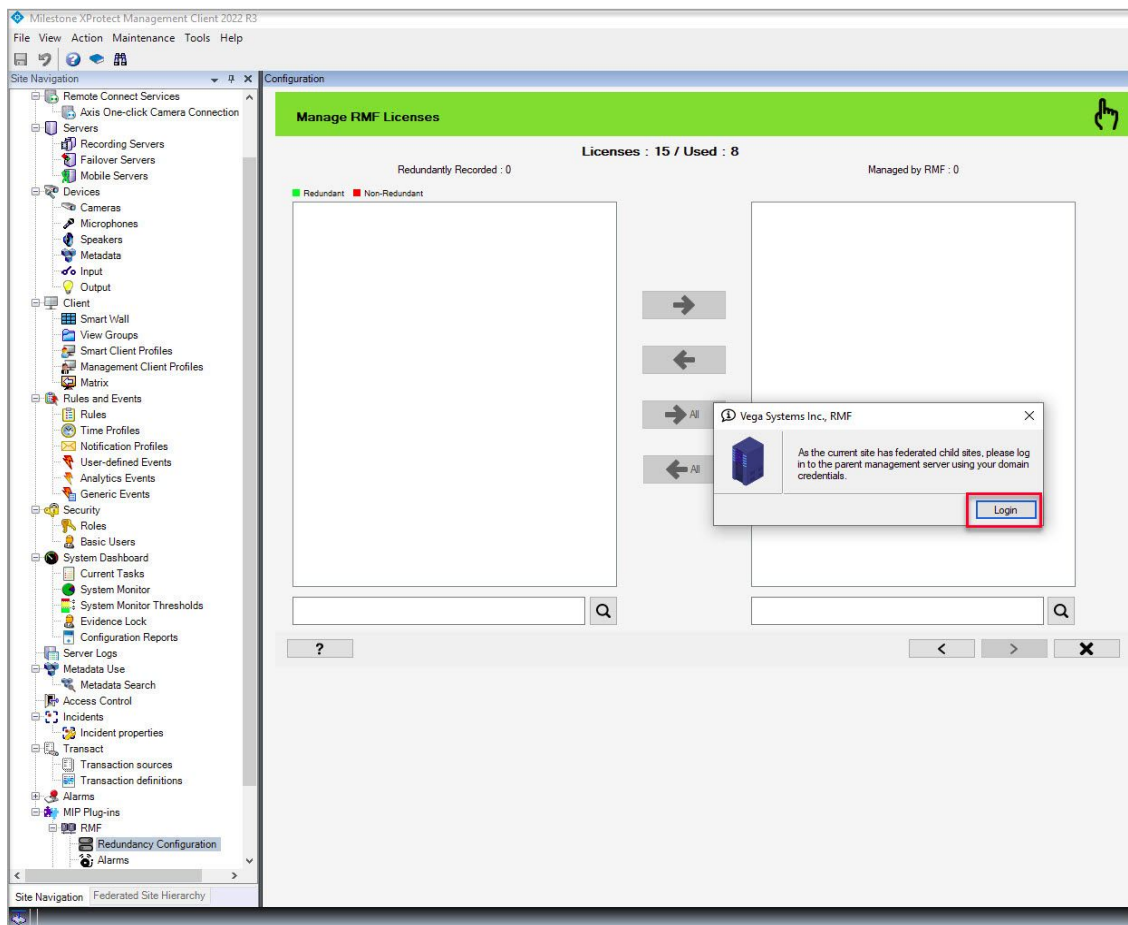
Step 9: Click Finish.



Step 10: Save the configuration.



Step 11: Click **Next** to release the license for the configured cameras that belongs to the removed recording server.



Step 12: 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)

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation Configuration

PRIMARYREC1 - (22.3c)

Basics

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- Recording Servers
- Failover Servers
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- MIP Plug-ins
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Site Navigation Federated Site Hierarchy

Manage RMF Licenses

Licenses : 15 / Used : 10

Redundantly Recorded : 1 Managed by RMF : 2

Legend: ■ Redundant ■ Non-Redundant

Redundantly Recorded:

- AXIS M3044-V Network Camera (172.16.0.3)
- AXIS M3044-V Network Camera (172.16.0.3) - Camera 1
primaryrec2.vegadomn.com (S)
- AXIS M3044-V Network Camera (172.16.0.3) - Camera 2

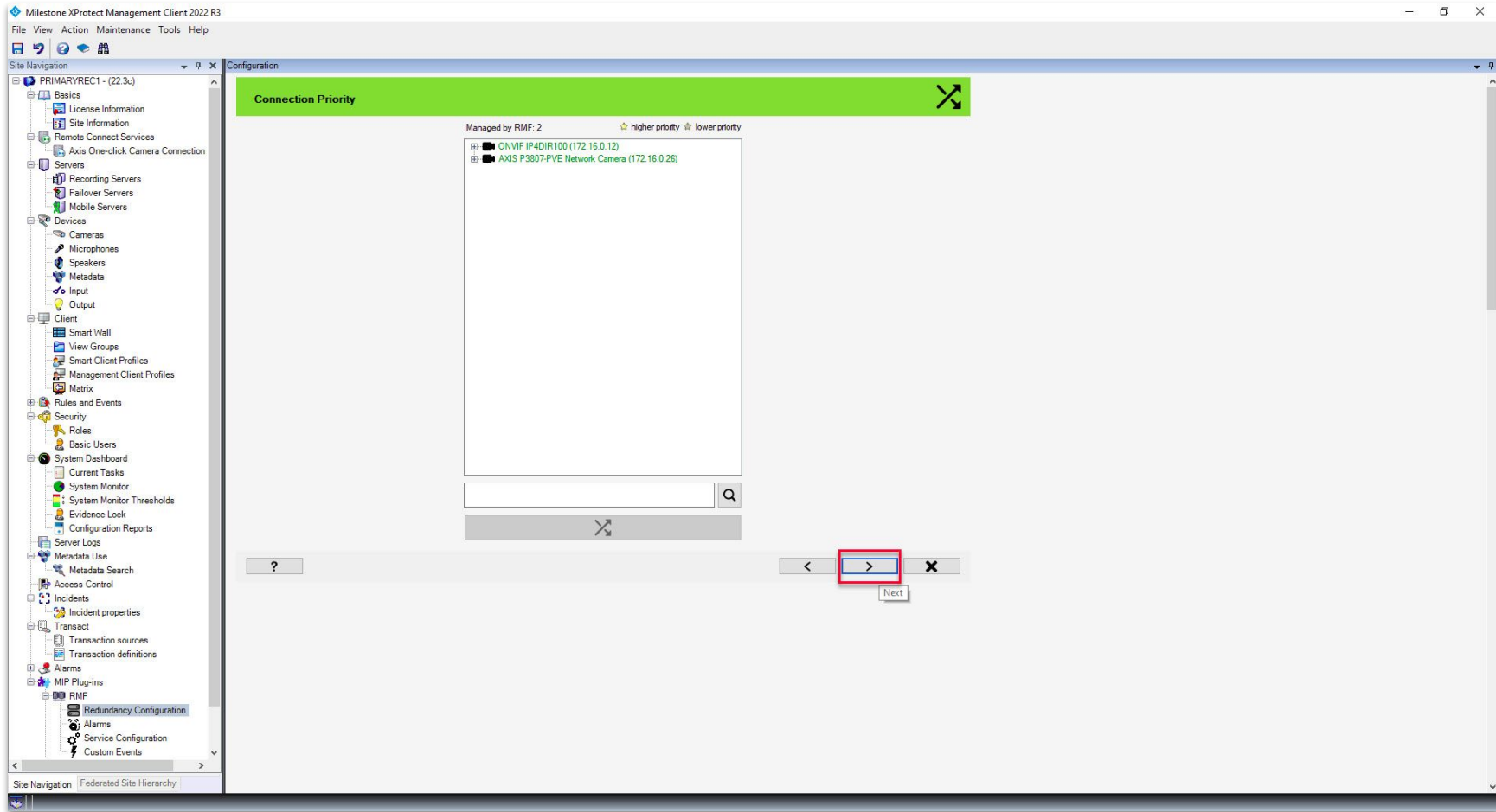
Managed by RMF:

- AXIS P3807-PVE Network Camera (172.16.0.26)
- ONVIF IP4DIR100 (172.16.0.12)

Navigation: ? < > X Next

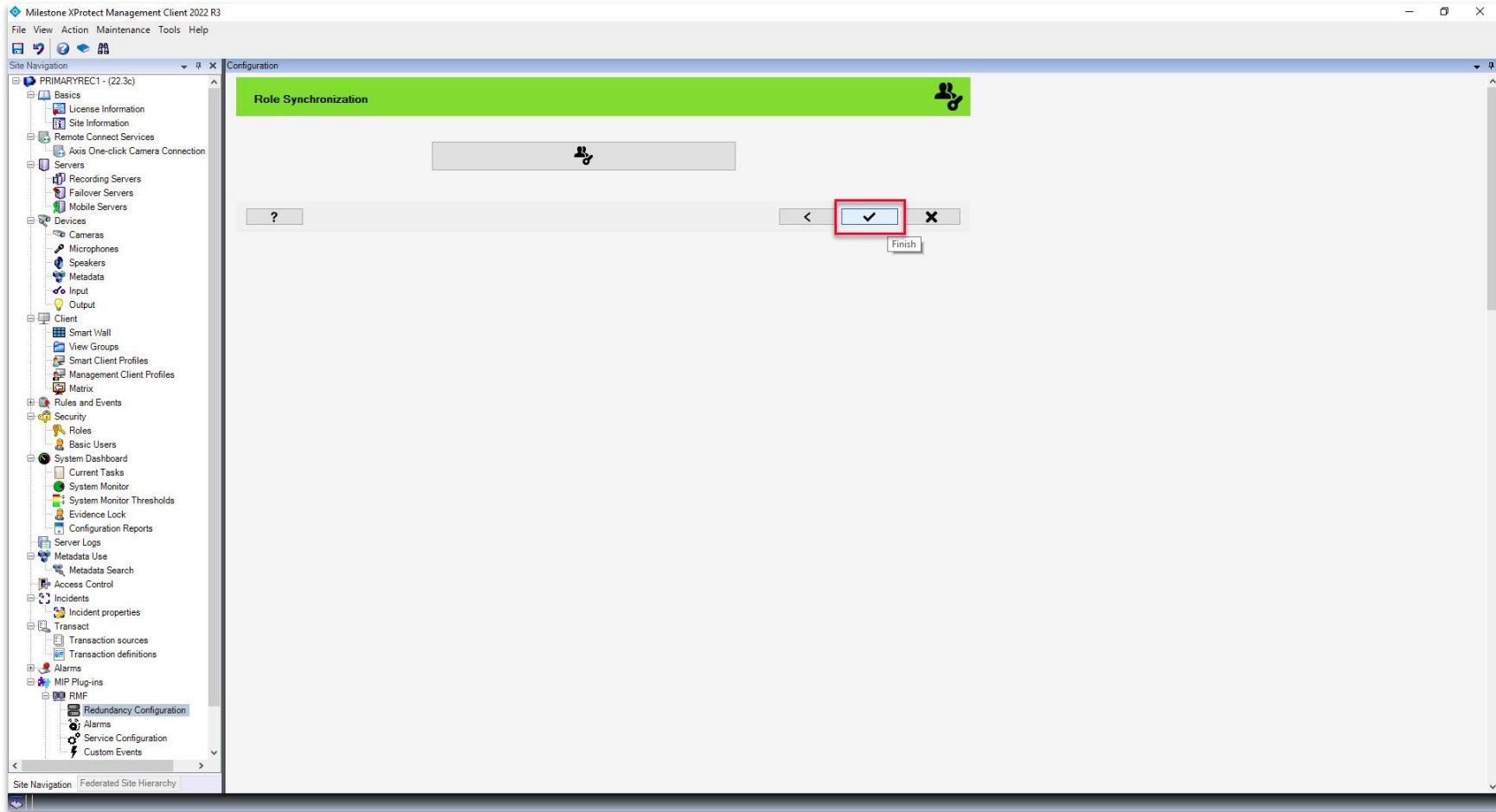


Step 13: The camera is automatically moved to the Redundantly Recorded Camera list from the Managed by RMF list as the recording server is removed. Click **Next**.

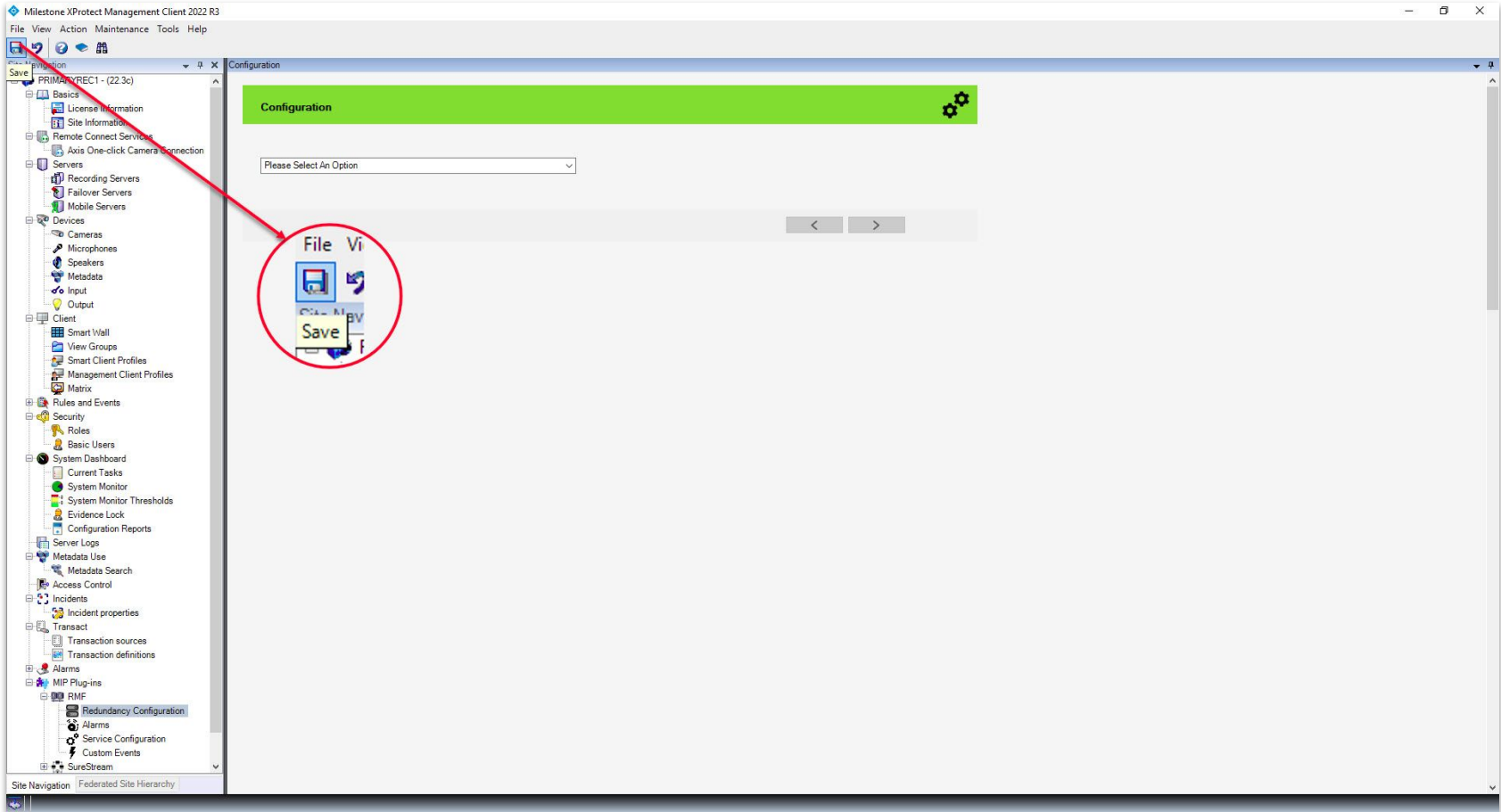


Step 14: Click Next.

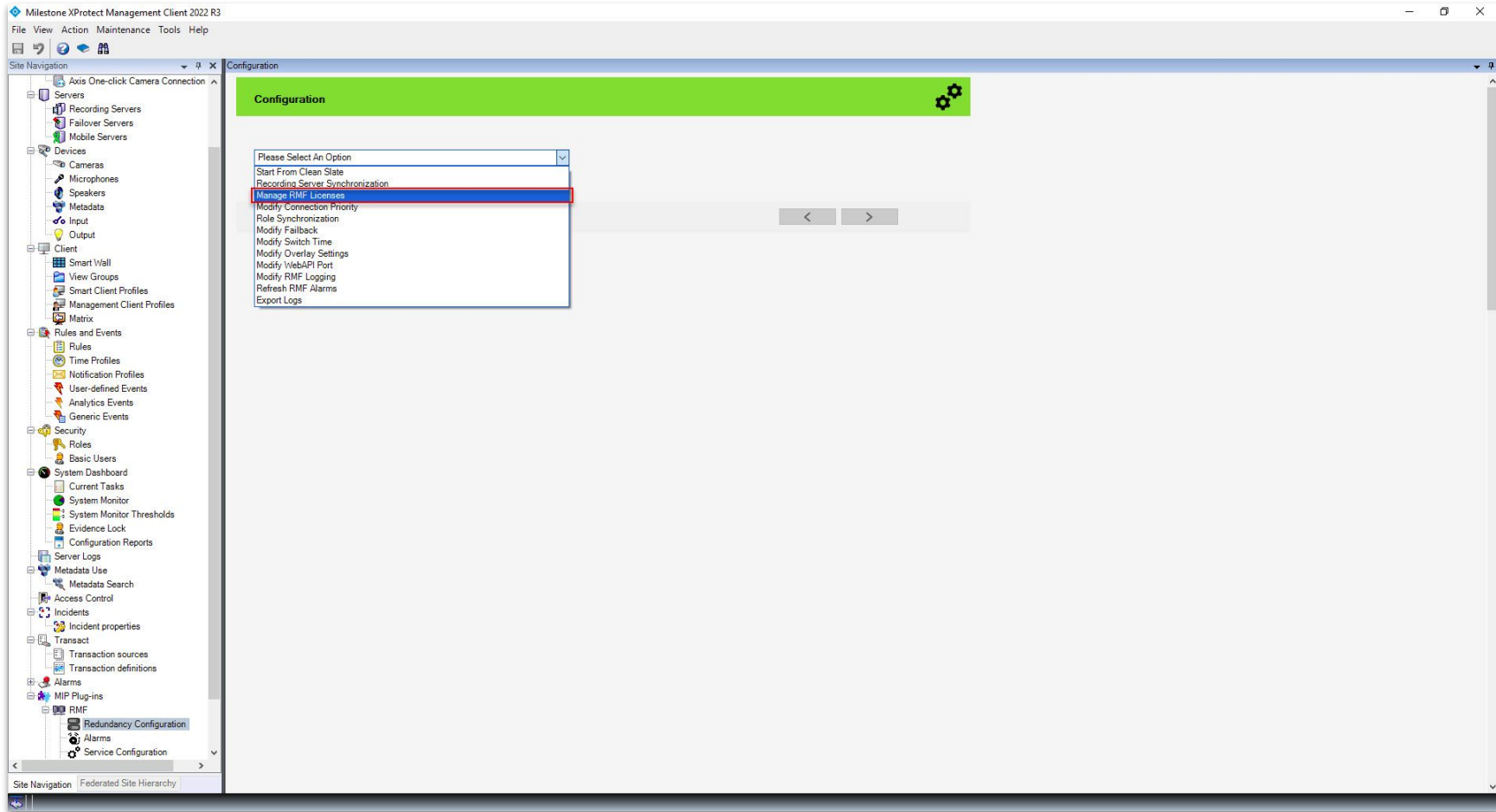




Step 15: Click Finish..



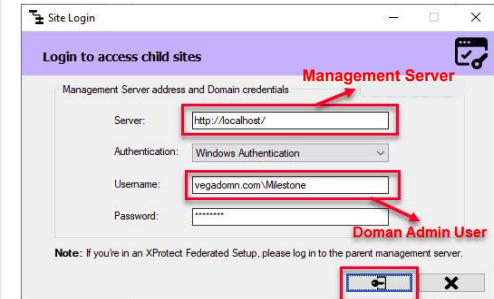
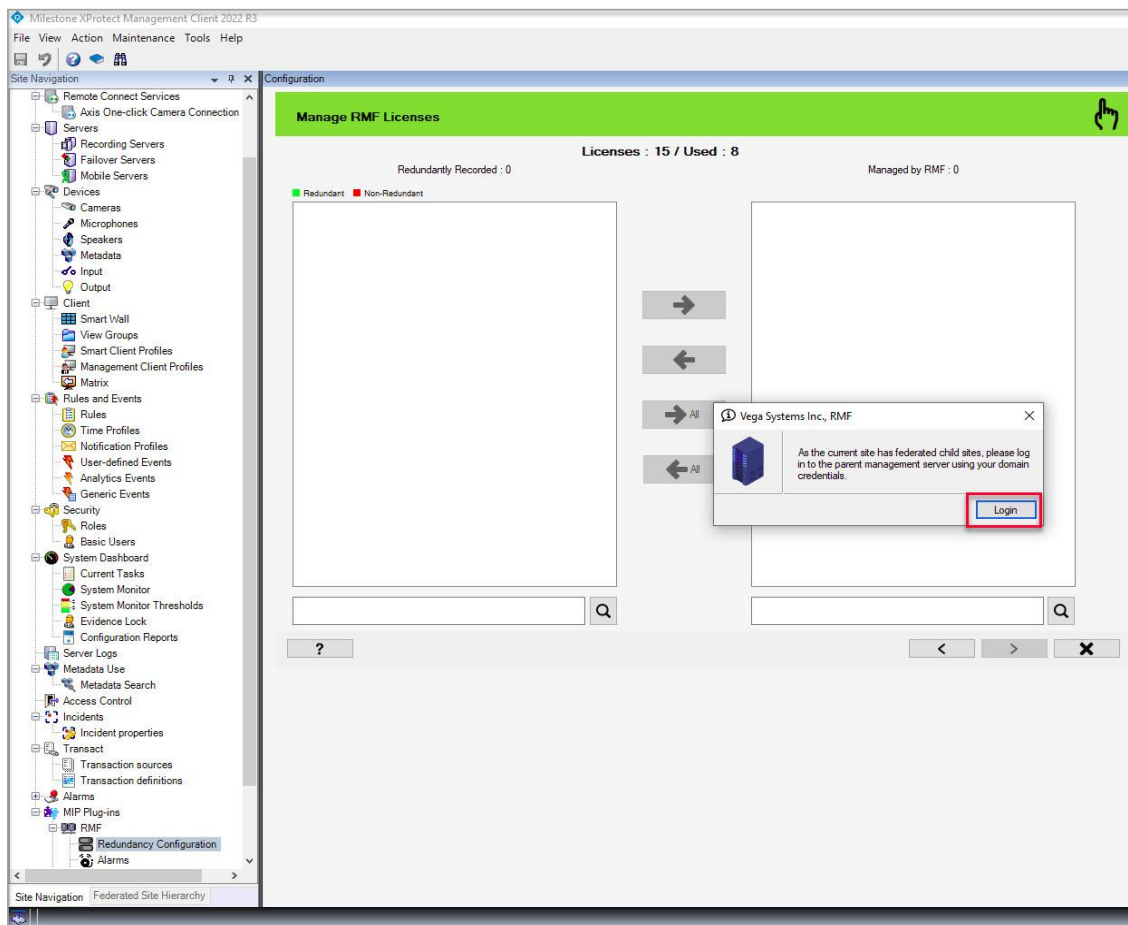
Step 16: Click **Save** to save the configuration.



Step 4: Choose **Manage RMF Licenses** from the list.



Remove a deleted recording server



Step 5: 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)

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Site Navigation Federated Site Hierarchy

Manage RMF Licenses

Licenses : 15 / Used : 10

Redundantly Recorded : 1 Managed by RMF : 2

Legend: ■ Redundant ■ Non-Redundant

Redundantly Recorded:

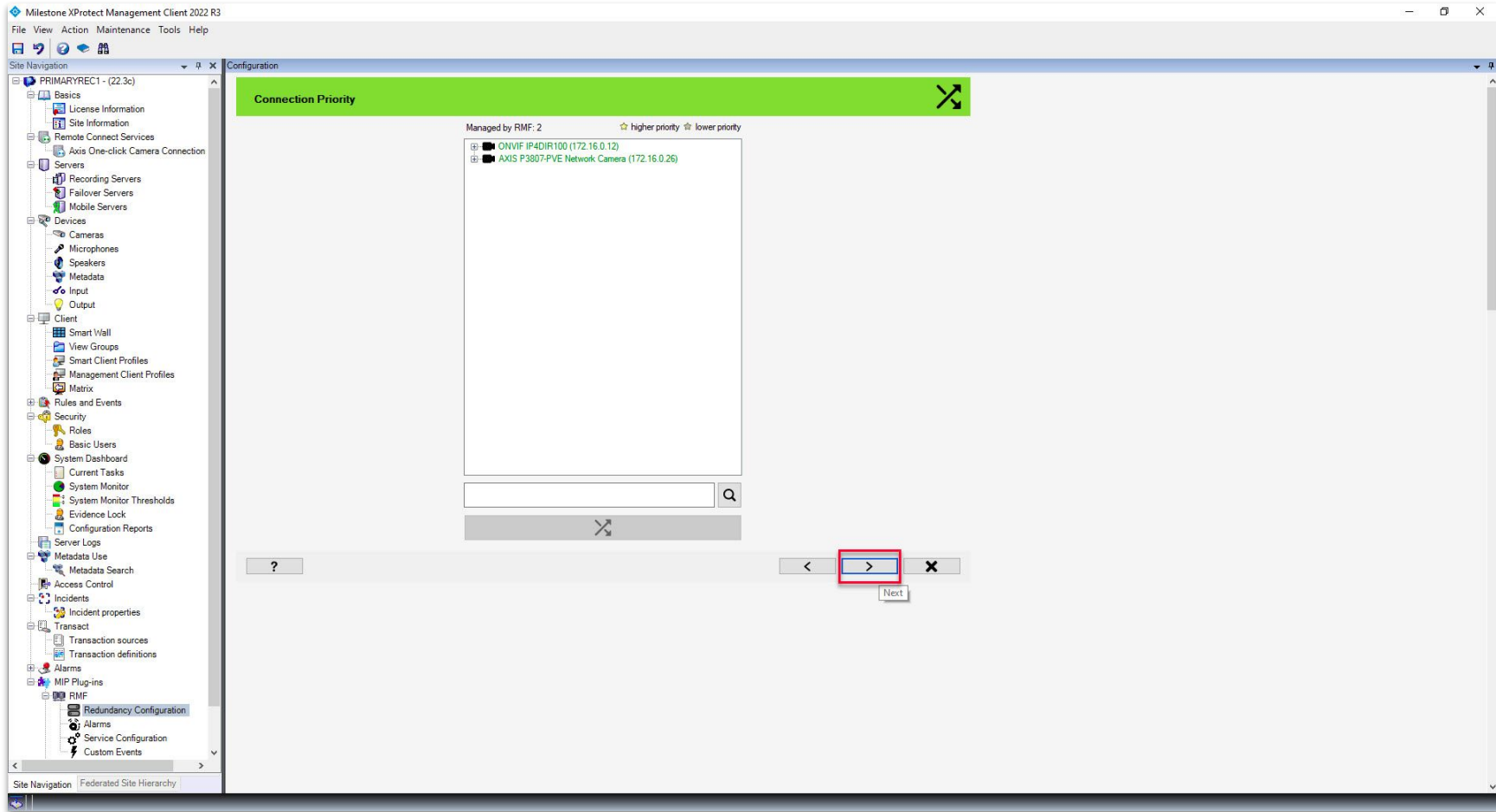
- AXIS M3044-V Network Camera (172.16.0.3)
- AXIS M3044-V Network Camera (172.16.0.3) - Camera 1
primaryrec2.vegadomn.com (S)
- AXIS M3044-V Network Camera (172.16.0.3) - Camera 2

Managed by RMF:

- AXIS P3807-PVE Network Camera (172.16.0.26)
- ONVIF IP4DIR100 (172.16.0.12)

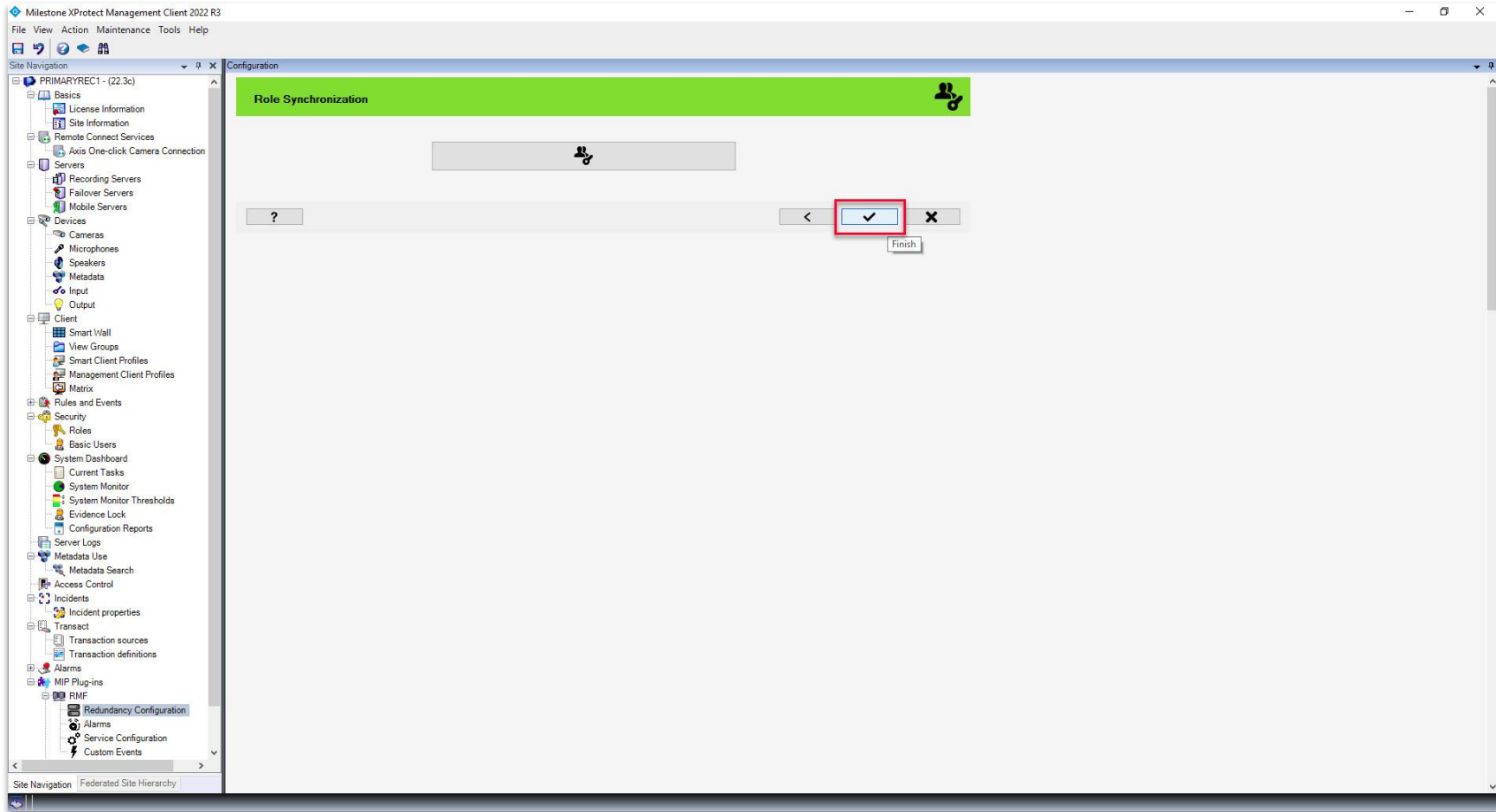
Navigation: ? < > X Next

Step 6: The camera is automatically moved to the Redundantly Recorded Camera list from the Managed by RMF list as the recording server is removed. Click **Next**.

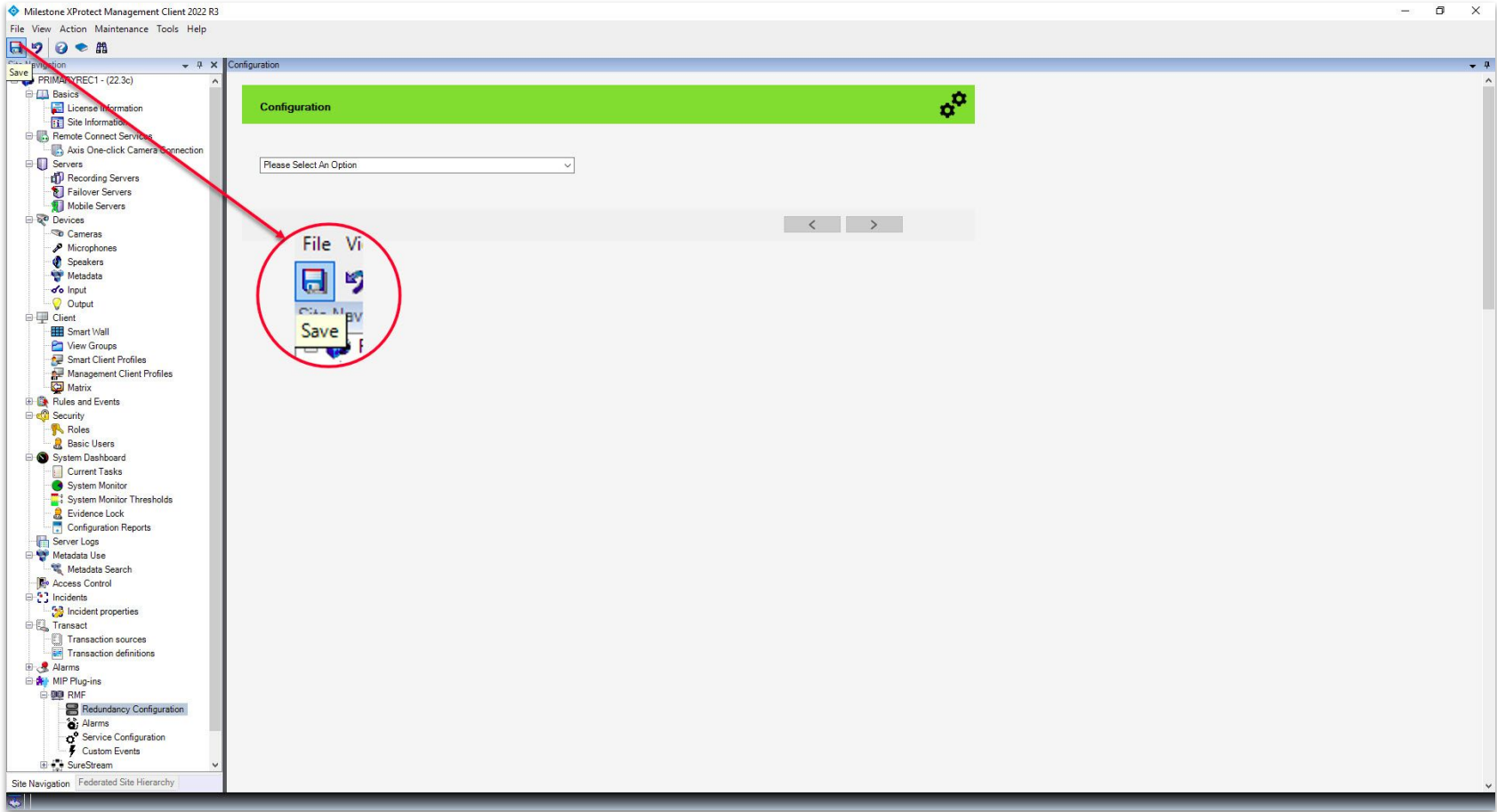


Step 7: Click Next.





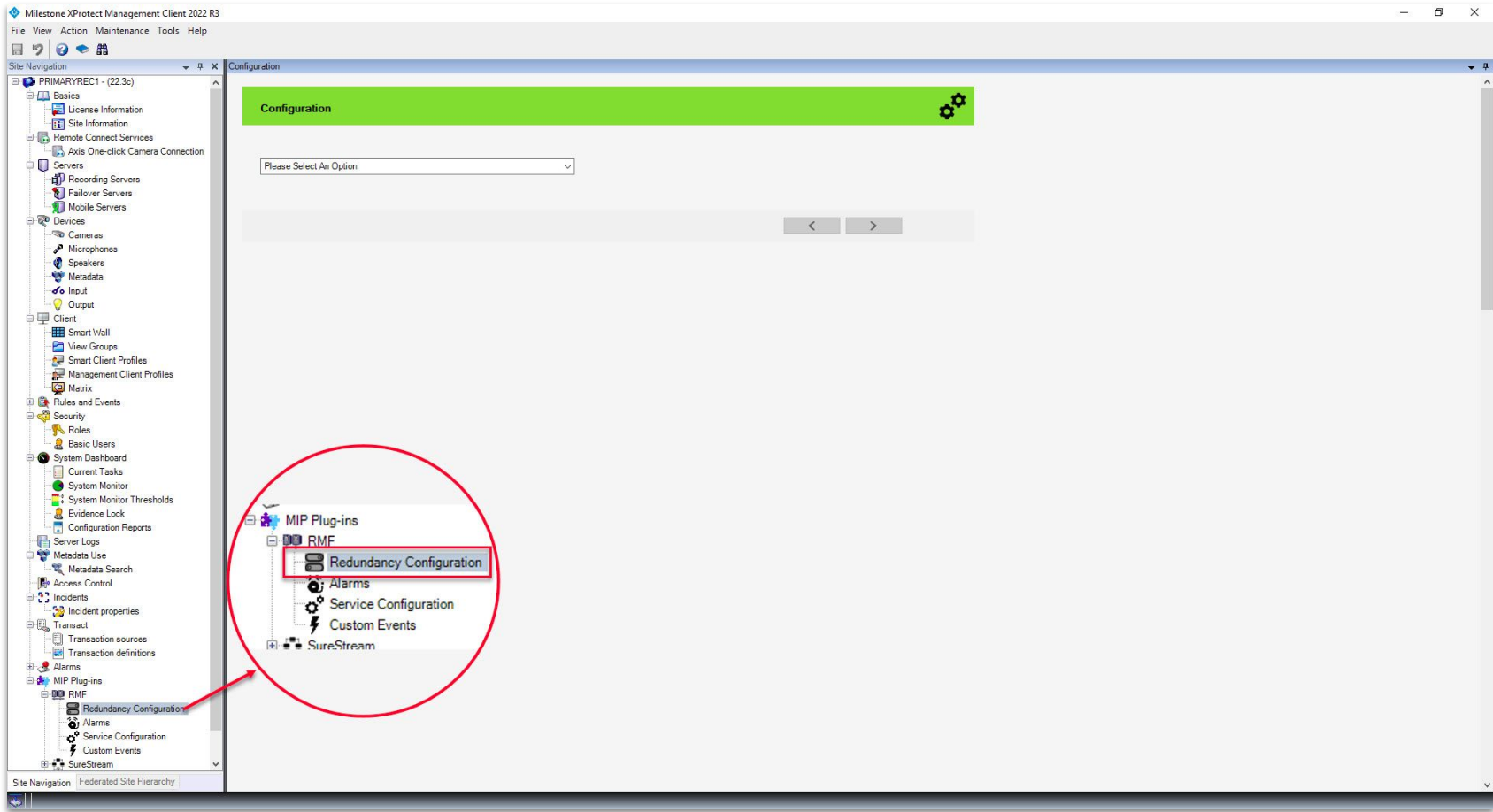
Step 8: Click Finish.



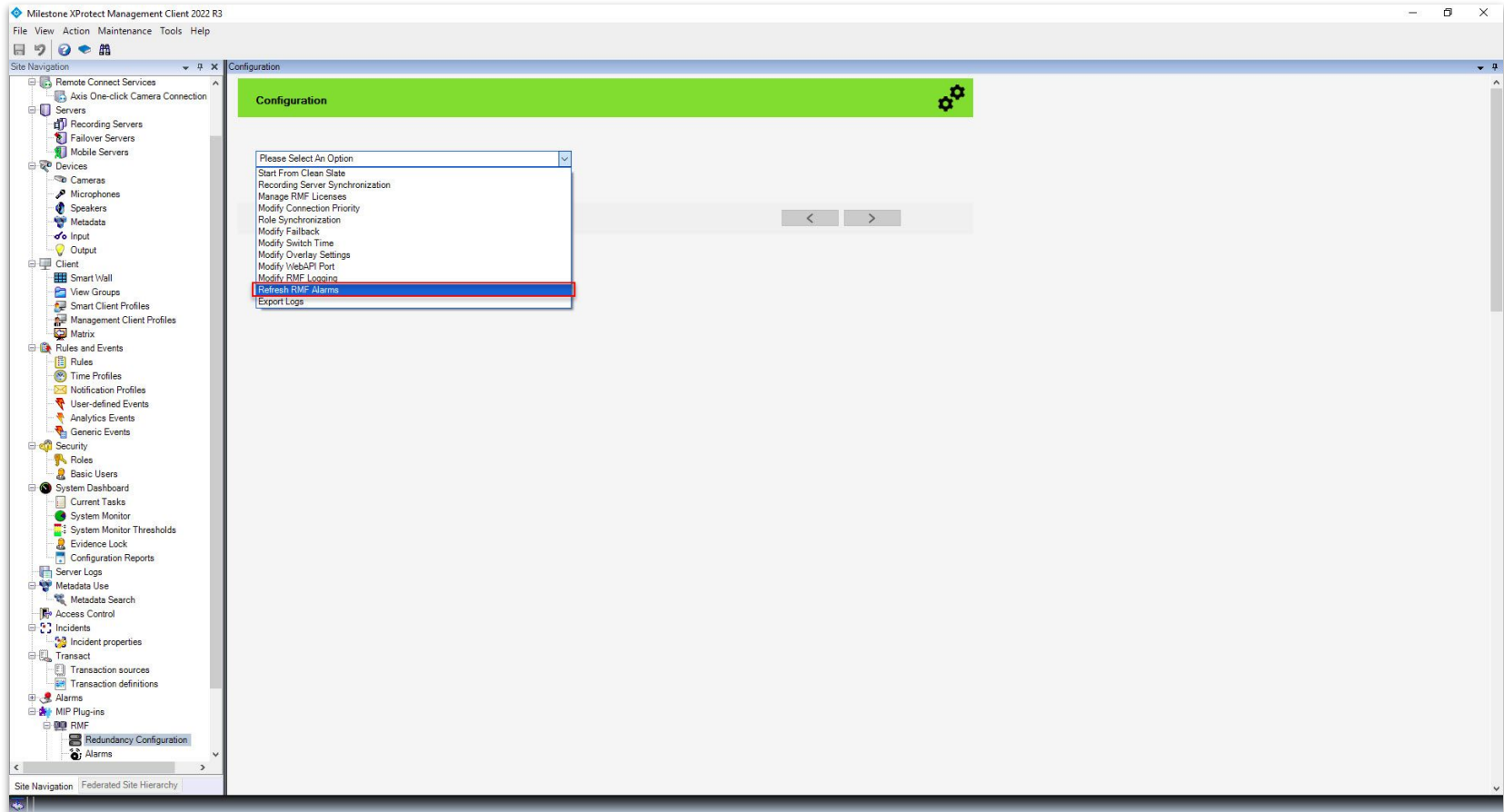
Step 9: Click **Save** to save the configuration.



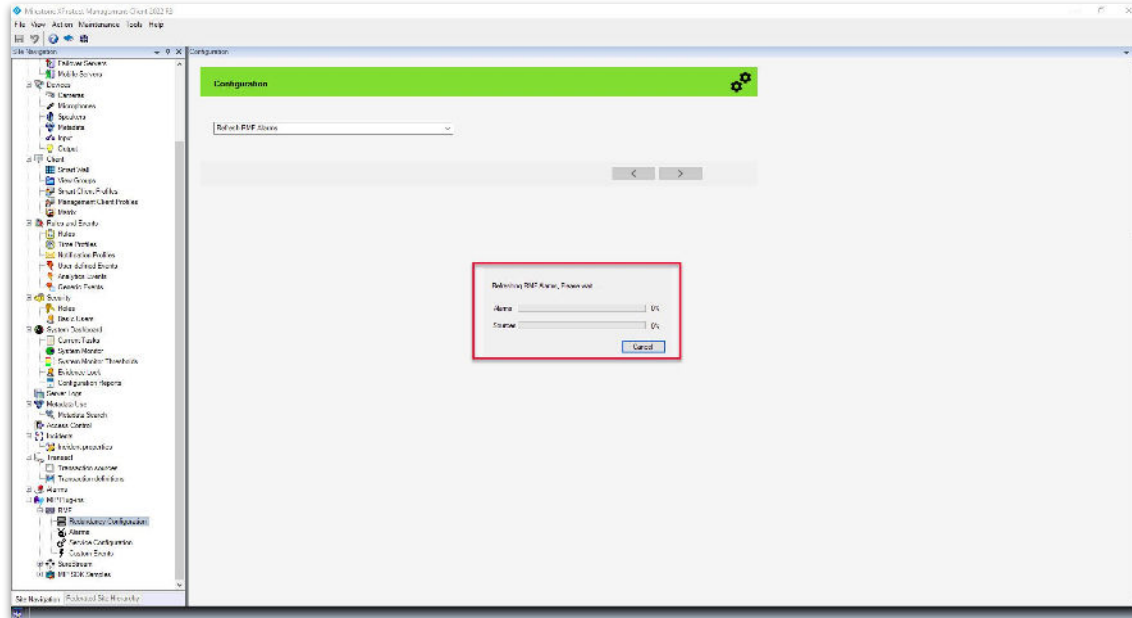
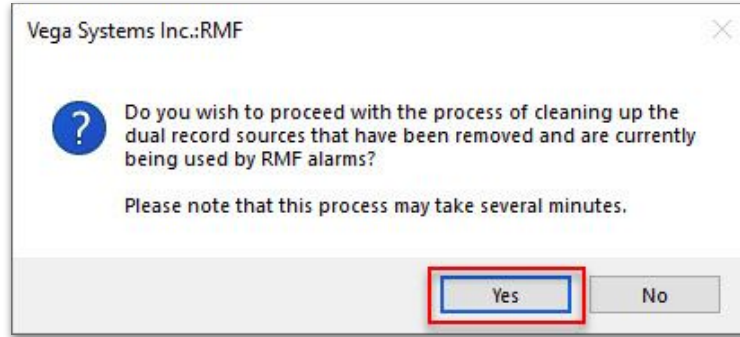
Refresh RMF Alarms



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



Step 2: Choose **Refresh RMF Alarms** from the list. Refresh Alarms will remove alarms for the deleted recording server cameras.



Step 3: Click **Yes** to refresh the high availability alarm list.