




# RMF – High Availability PTZ Presets in the Management Client

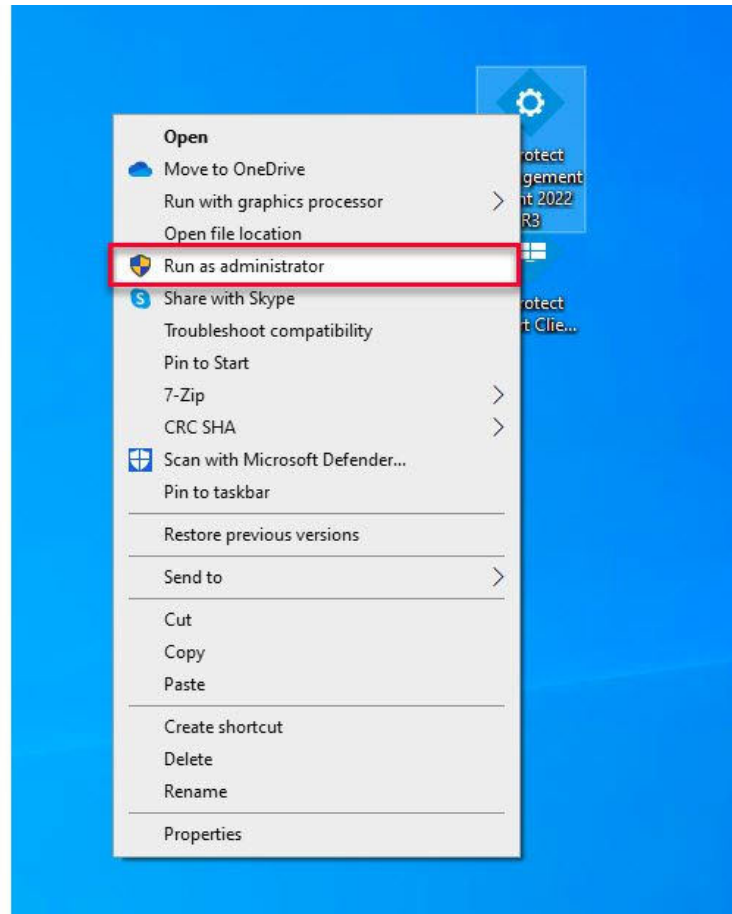
Vega Systems Inc.

03/14/2023

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



# **Part 1: Adding High Availability PTZ Presets from Management Client (Adding Camera - First Time)**



**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

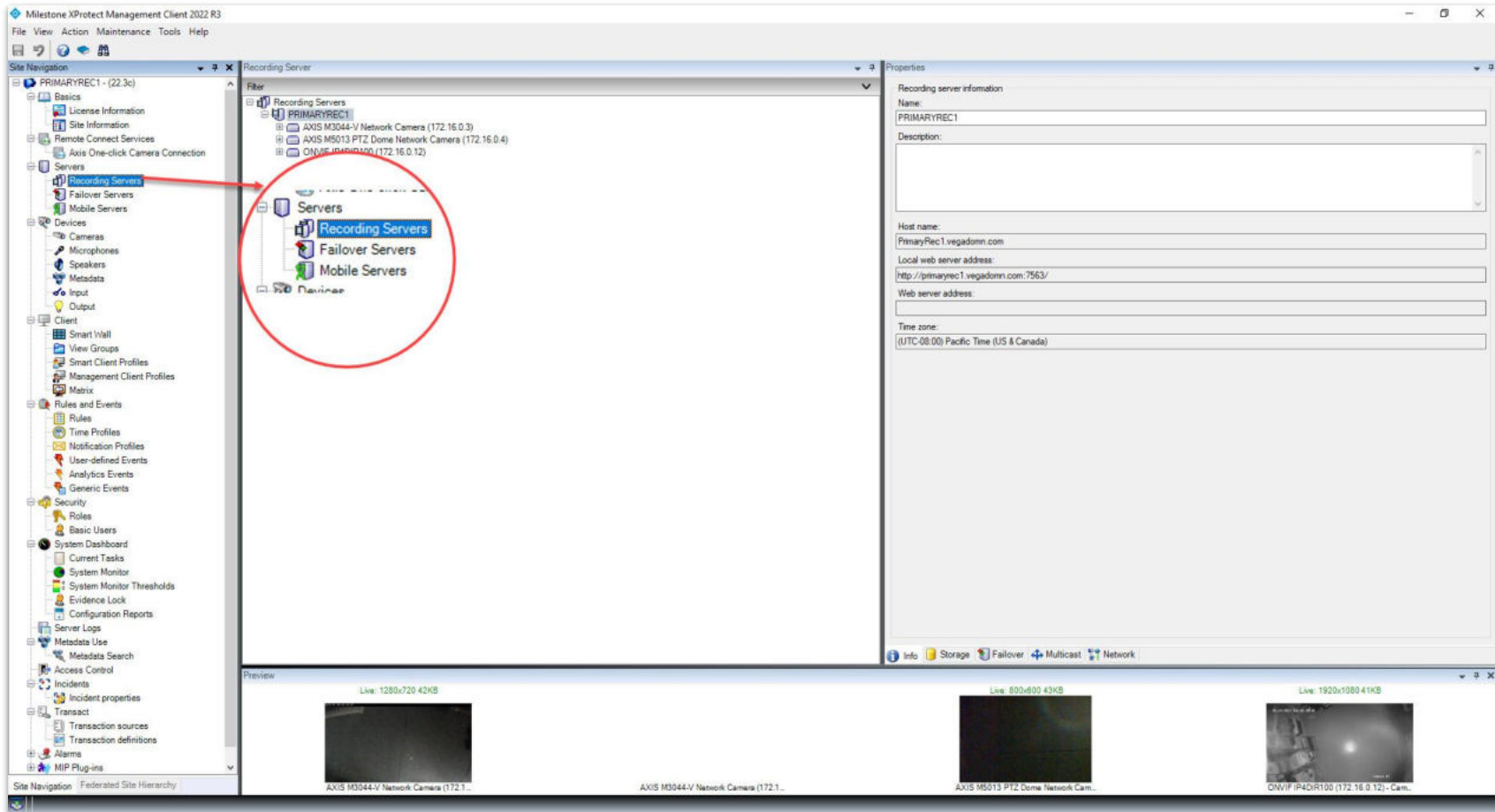
Password:  
••••••••

Remember password

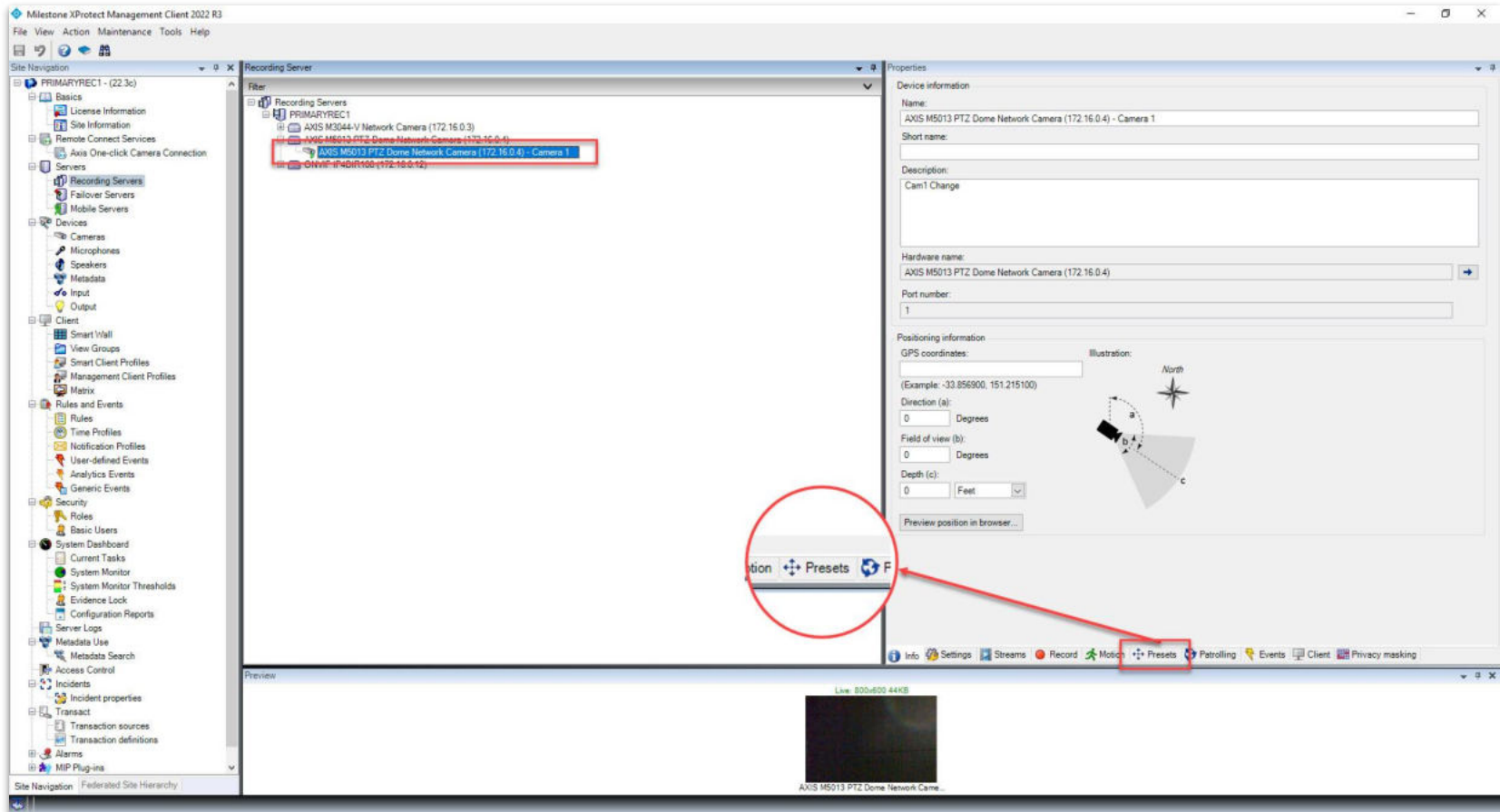
Sign in Close

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)



### Step 3: Goto Servers → Recording Servers



**Step 4:** Select a PTZ camera for which presets must be added.  
Goto **Presets** tab as shown in the above image.

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


Recording Server

Filter

- Recording Servers
  - PrimaryRec2-V6
  - PRIMARYREC1
    - AXIS M3044-V Network Camera (172.16.0.3)
    - AXIS M5013 PTZ Dome Network Camera (172.16.0.4)
      - AXIS M5013 PTZ Dome Network Camera (172.16.0.4) - Camera 1
    - ONVIF IP4DIR100 (172.16.0.12)

Properties

Preview



Preset positions

Use presets from device

- Presets
  - Preset 1
  - Preset 2

Default preset

Buttons: New, Edit, Delete, Activate

PTZ session

User	Priority	Timeout	Reserved
VEGADOMN milestone	32000	00:00:00	False

Buttons: Release, Reserve

Timeout for manual PTZ session: 15 Seconds


Timeout for pause patrolling session: 10 Minutes

Timeout for reserved PTZ session: 1 Hours

Info Settings Streams Record Motion Presets Patrolling Events Client Privacy masking

Preview

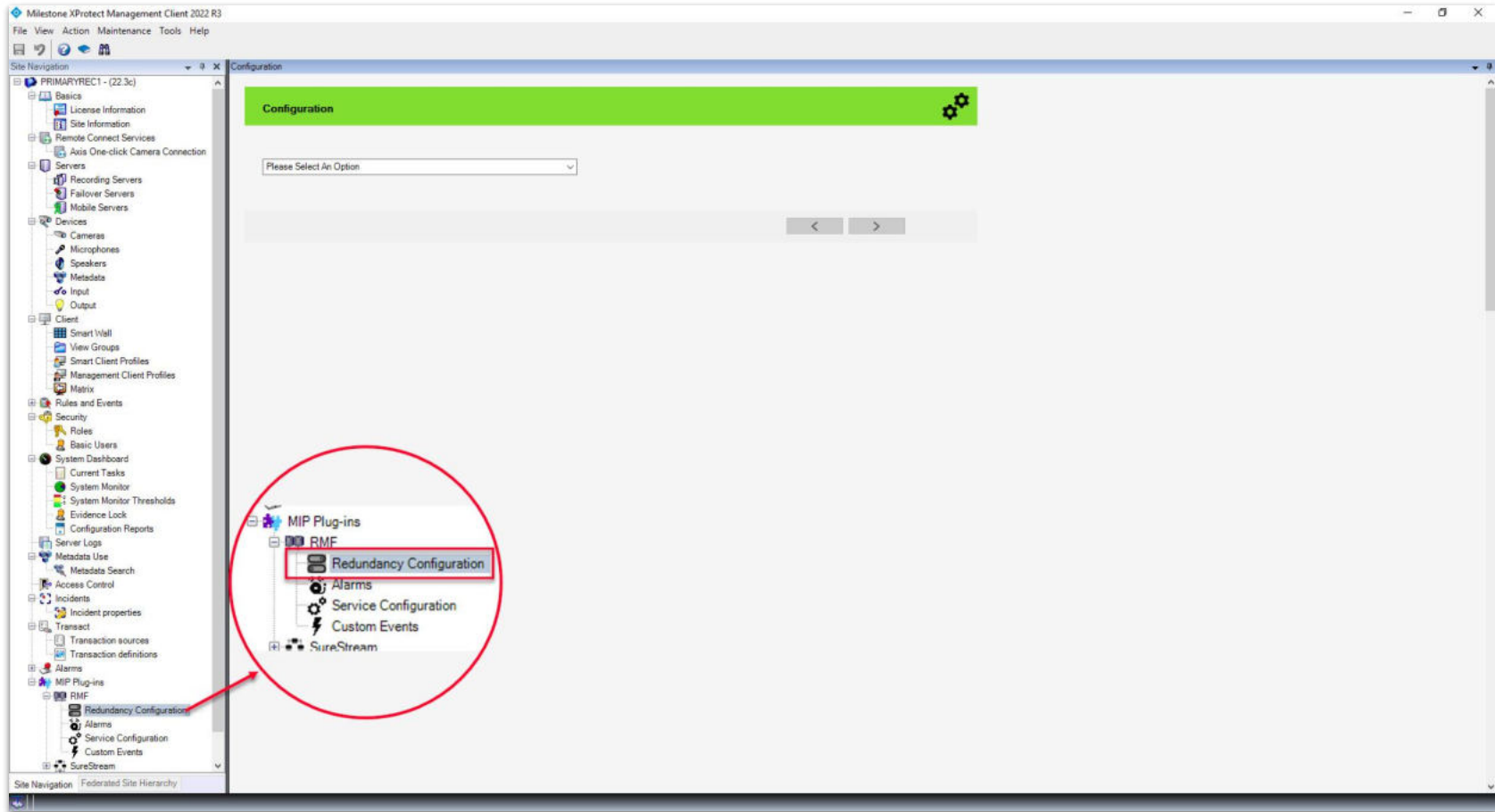
Use: 800x600 43KB



AXIS M5013 PTZ Dome Network Came...

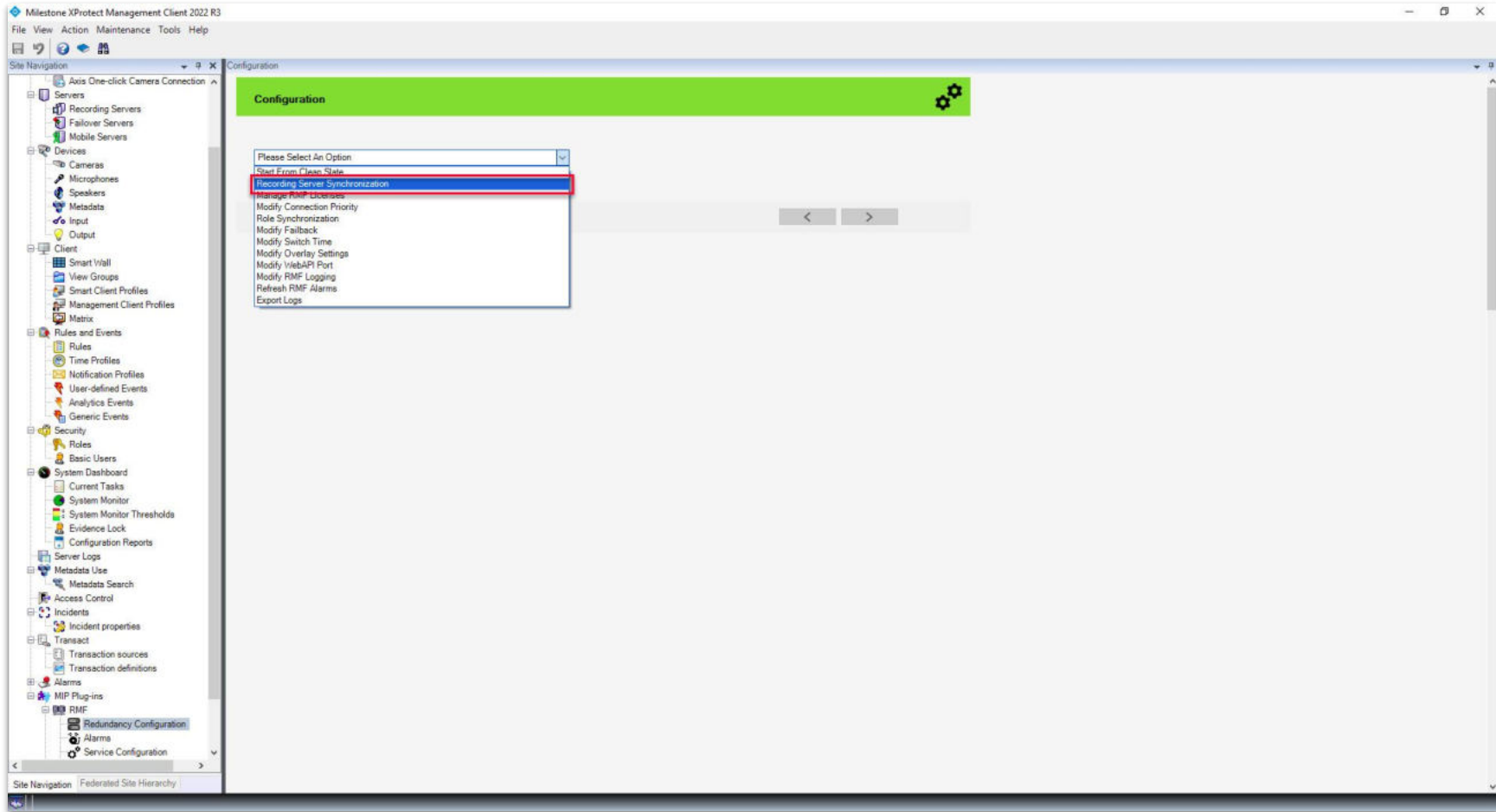
**Step 5:** Add the needed presets.



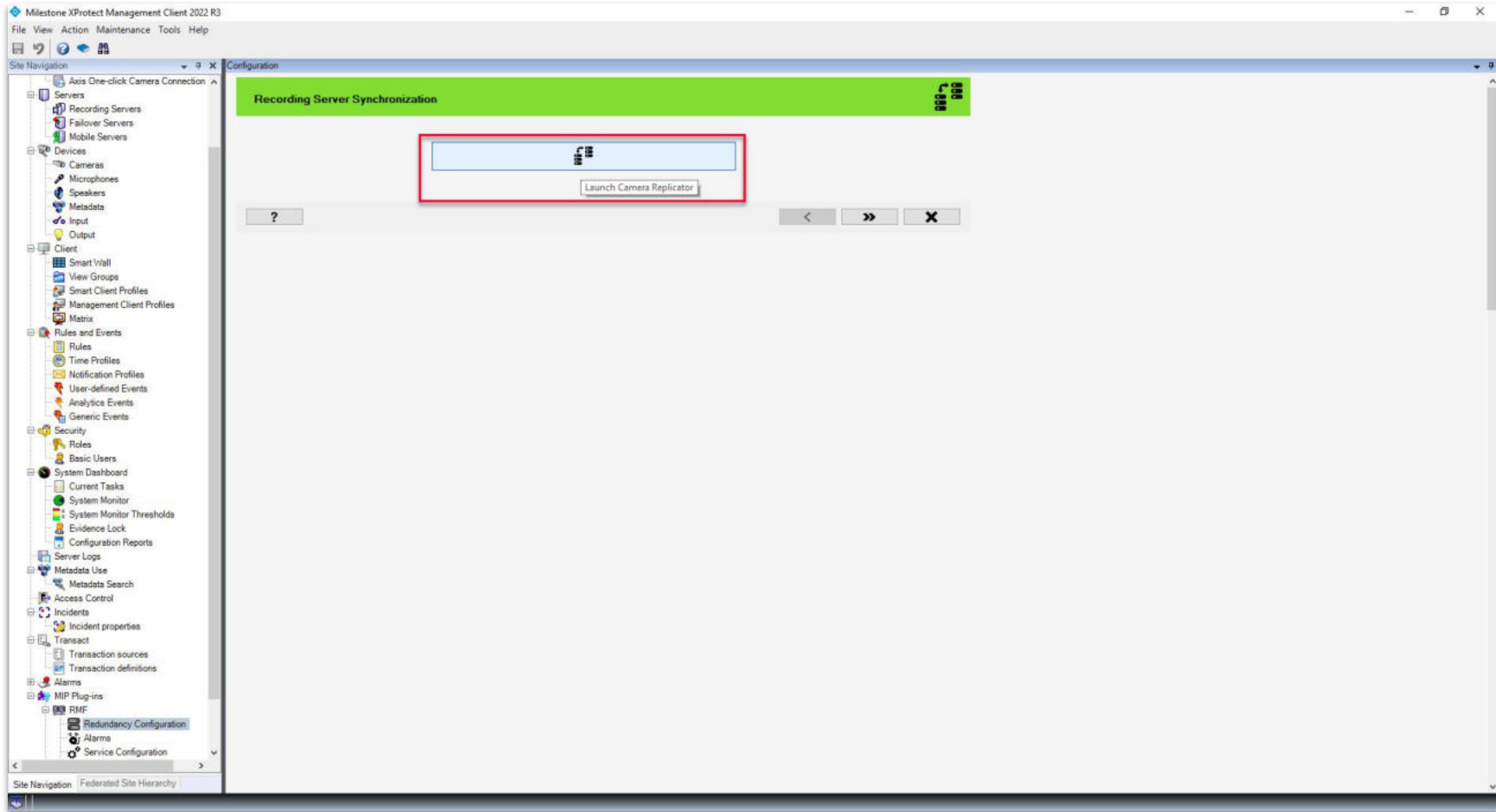


**Step 6:** Select the **RMF** plugin from **Site Navigation** → **MIP Plugins**.  
Expand **RMF** and select **Redundancy Configuration**

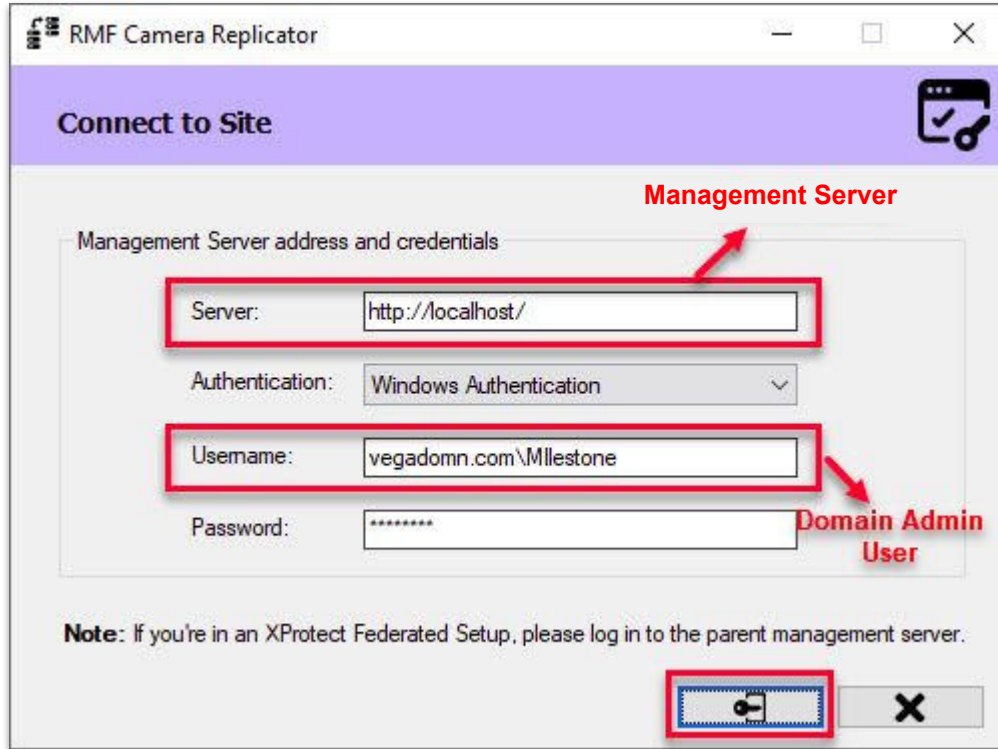




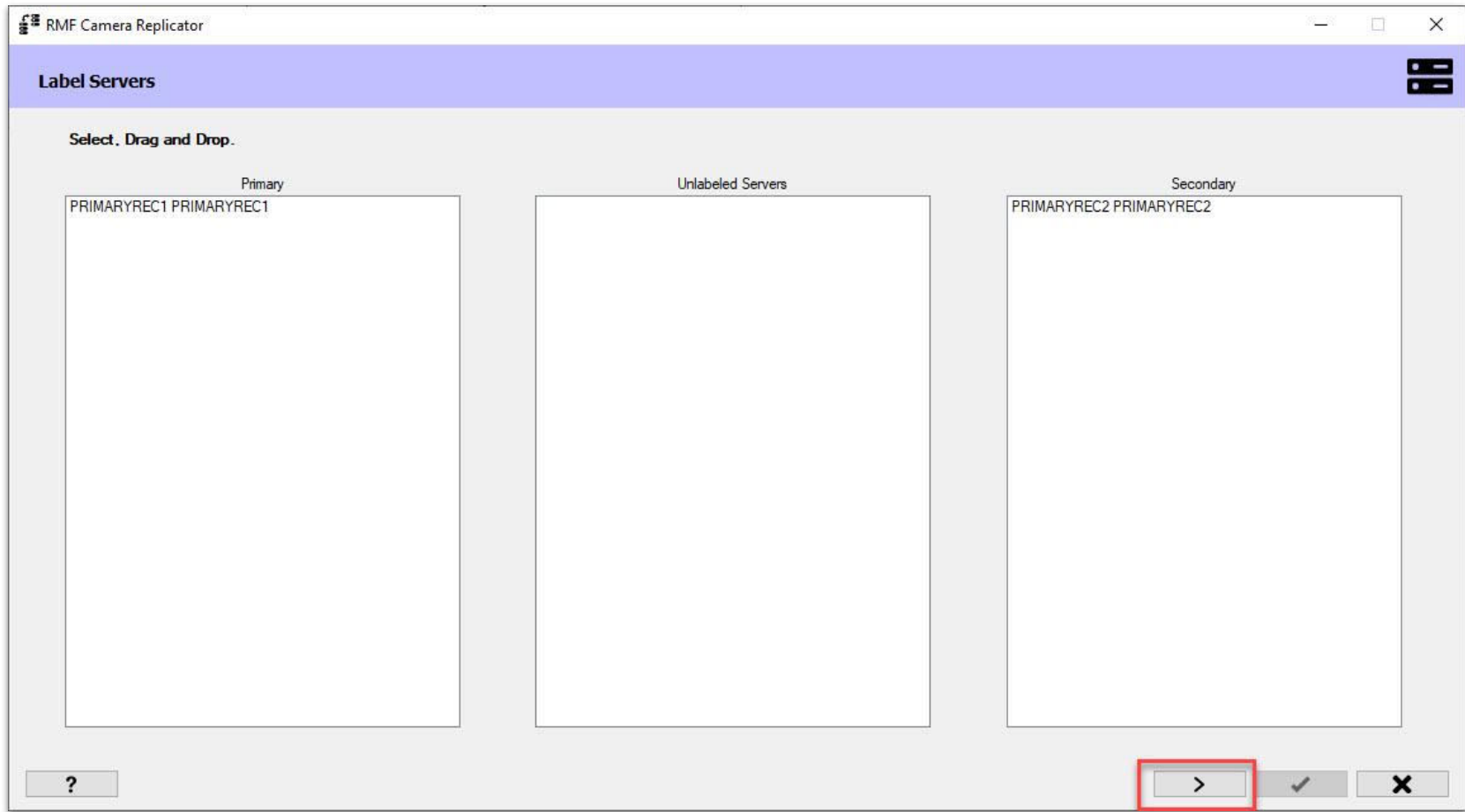
**Step 7:** Choose **Recording Server Synchronization** from the list.



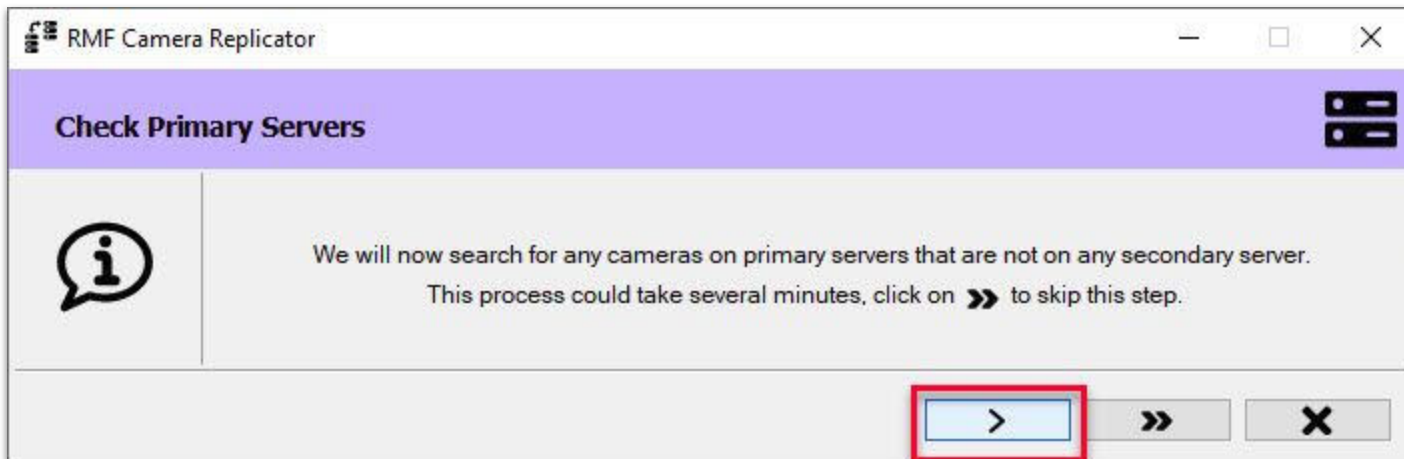
**Step 8**: Click the **Launch Camera Replicator** button.



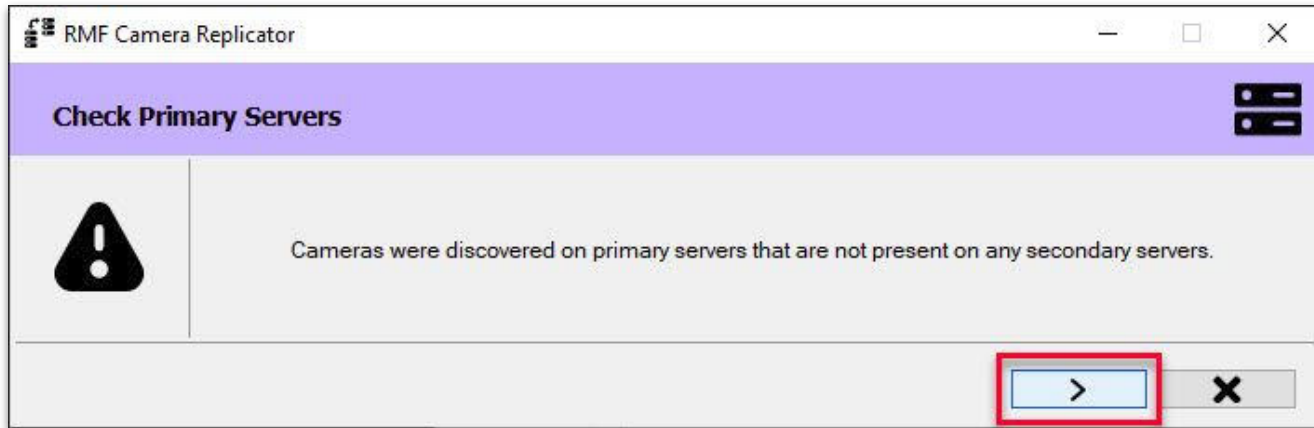
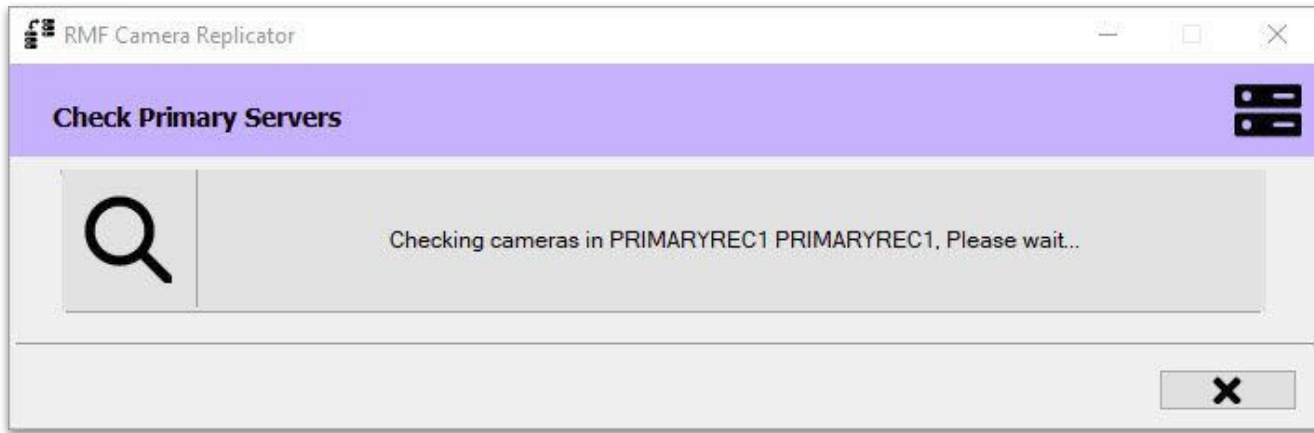
**Step 9: Login** into the **Parent Management Server** as a domain user with admin privileges. (Federated Deployments)  
**Login** into the **Management Server** as a user with admin privileges. (Non-Federated Deployments)



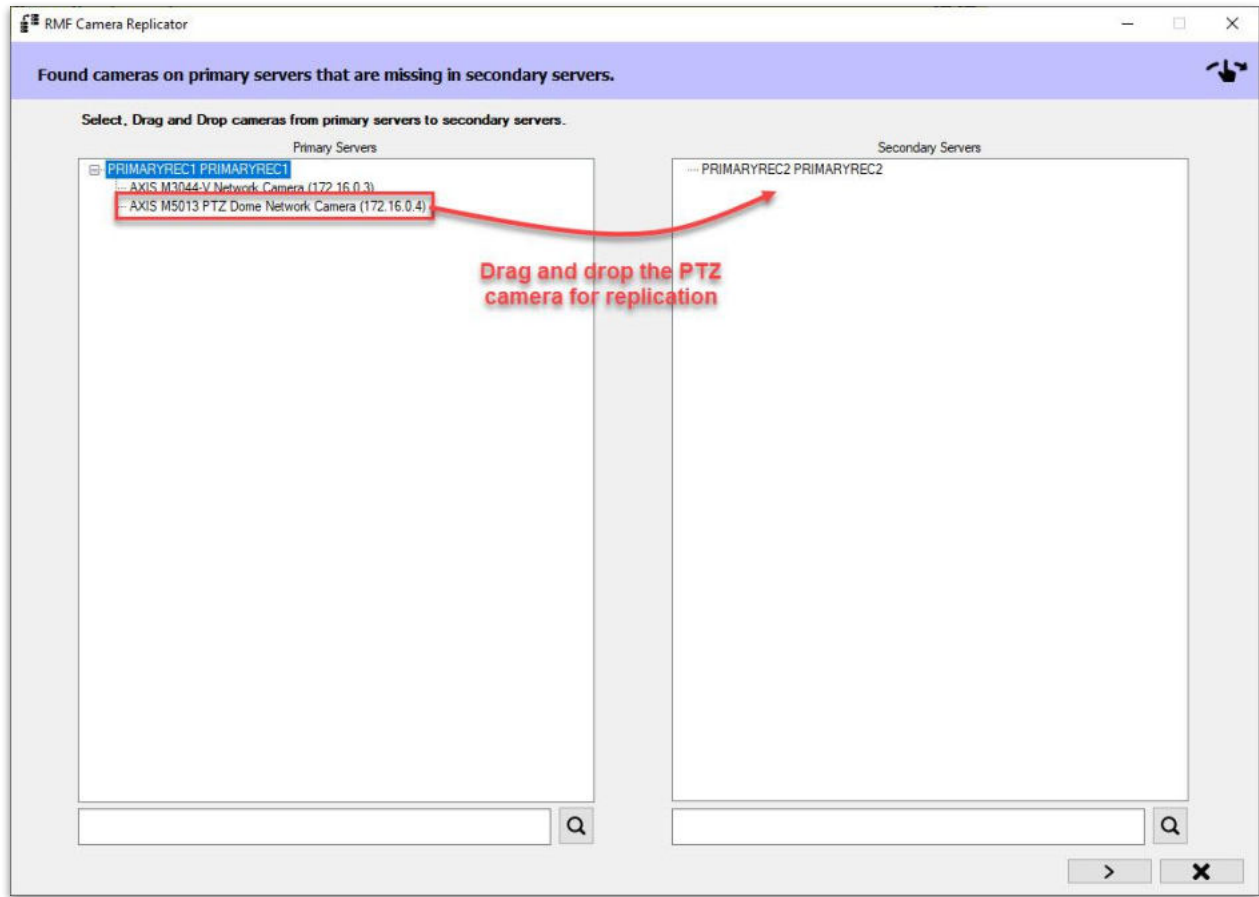
**Step 10:** Click **Next** to proceed after labeling the servers.



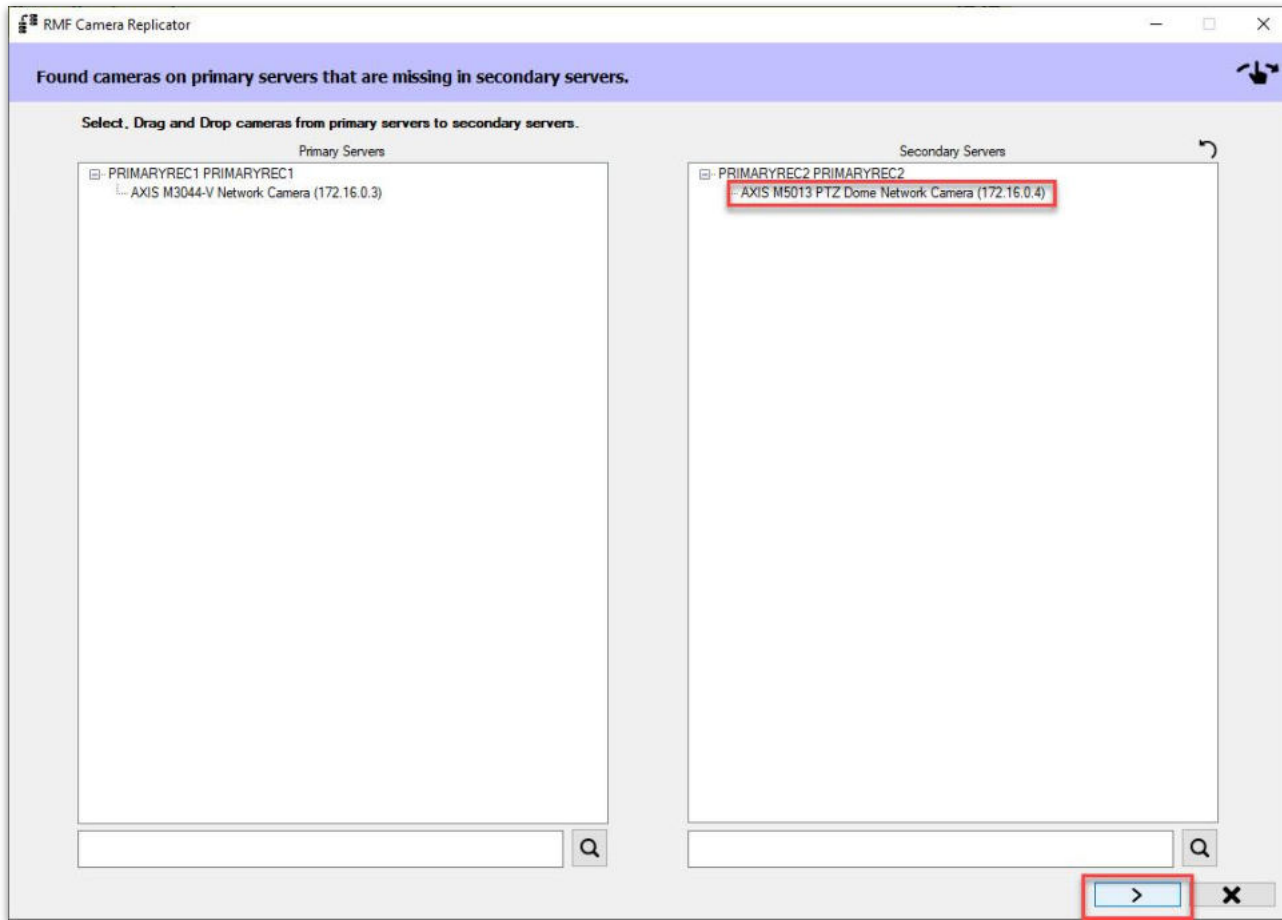
**Step 11:** Click **Next** to find the cameras on the Parent Server (Primary Server) that is not on the Child Server (Secondary Server).



**Step 12:** Click **Next** to select cameras from parent (primary) recording server for replication.

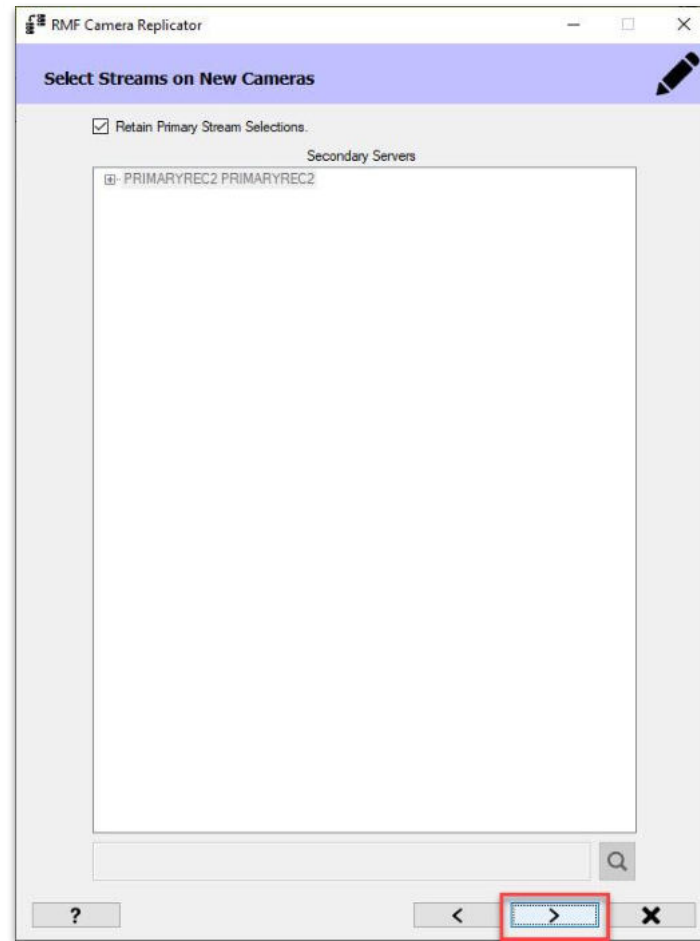


**Step 13:** Drag and Drop the PTZ camera from the Parent Server (Primary Server) to the Child Server (Secondary Server) for replication.

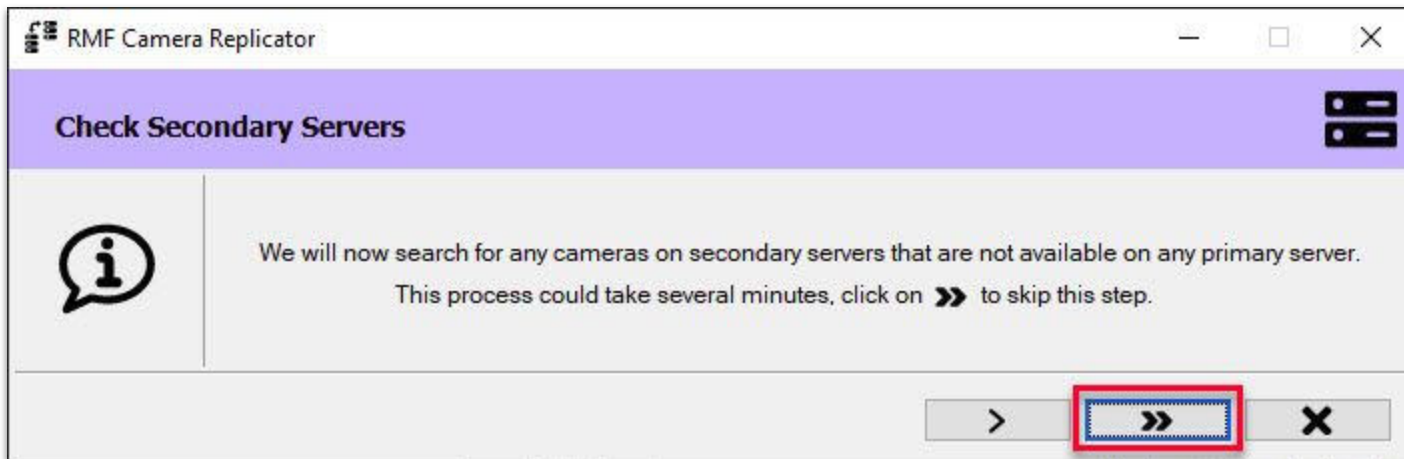


**Step 13: Click Next.**

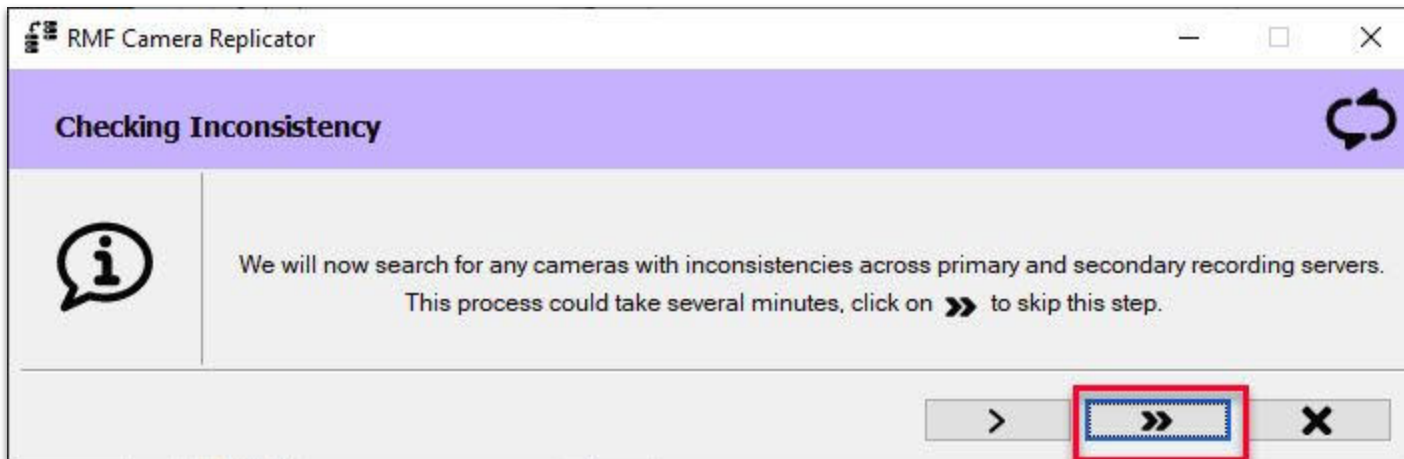




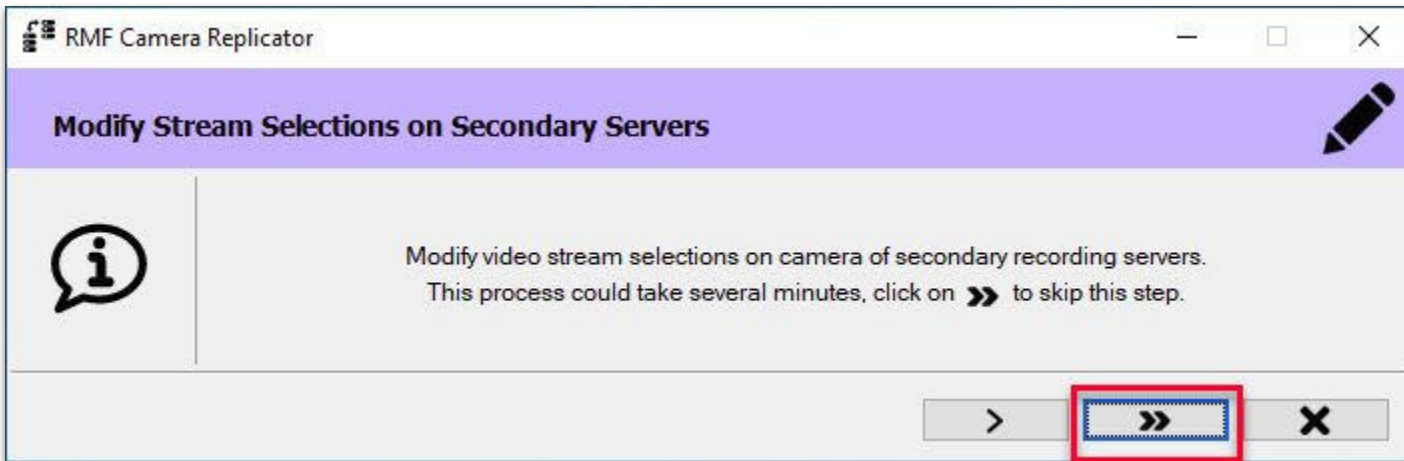
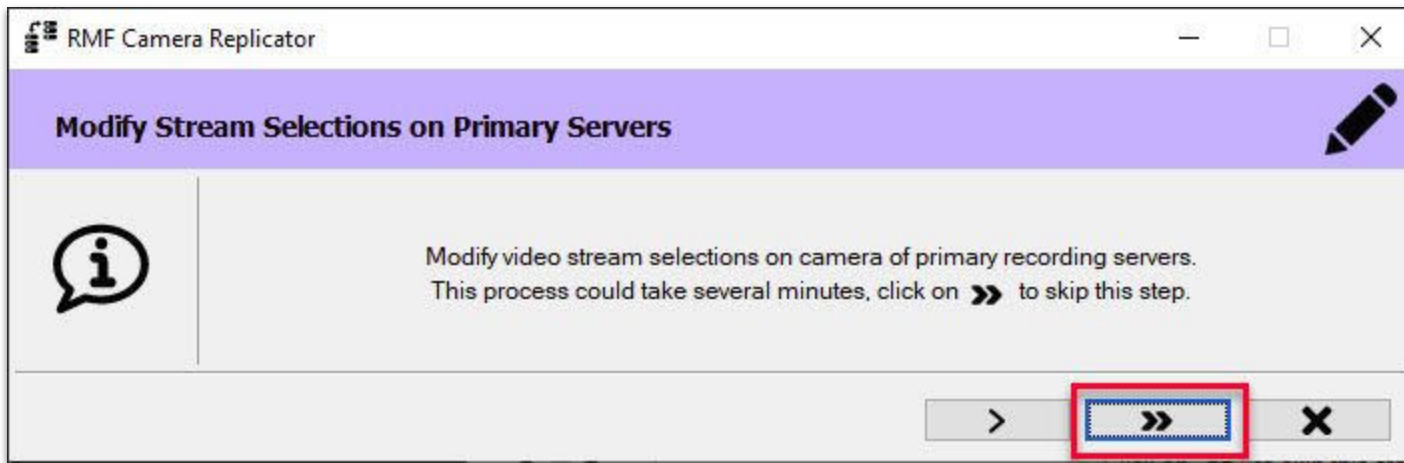
**Step 14**: Click **Next** after changing streams if needed.



**Step 15:** Click **Skip** to skip searching cameras on child (secondary) recording server.



**Step 16:** Click **Skip** to continue with the replication process.






**Step 17: Click Skip.**



RMF Camera Replicator

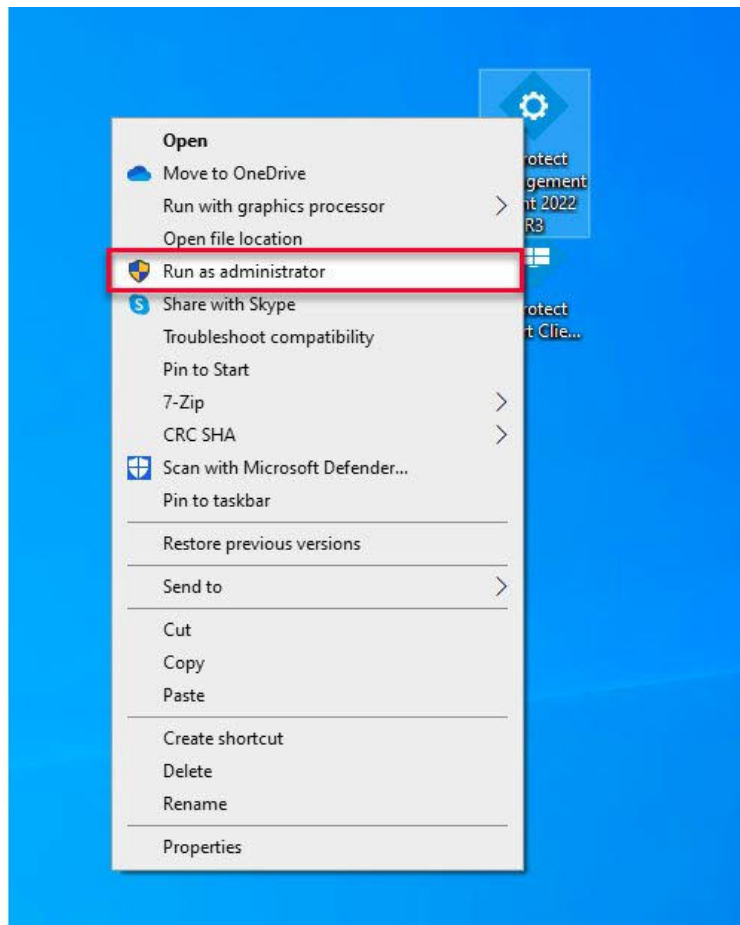
Replicate/Synchronize/Modify/Delete

Camera	From	To	Progress	Status	Result
AXIS M5013 PTZ Dome Network Camera (172.16.0.4)	PRIMARYREC1 PRIMARYREC1	PRIMARYREC2 PRIMARYREC2		Added successfully	



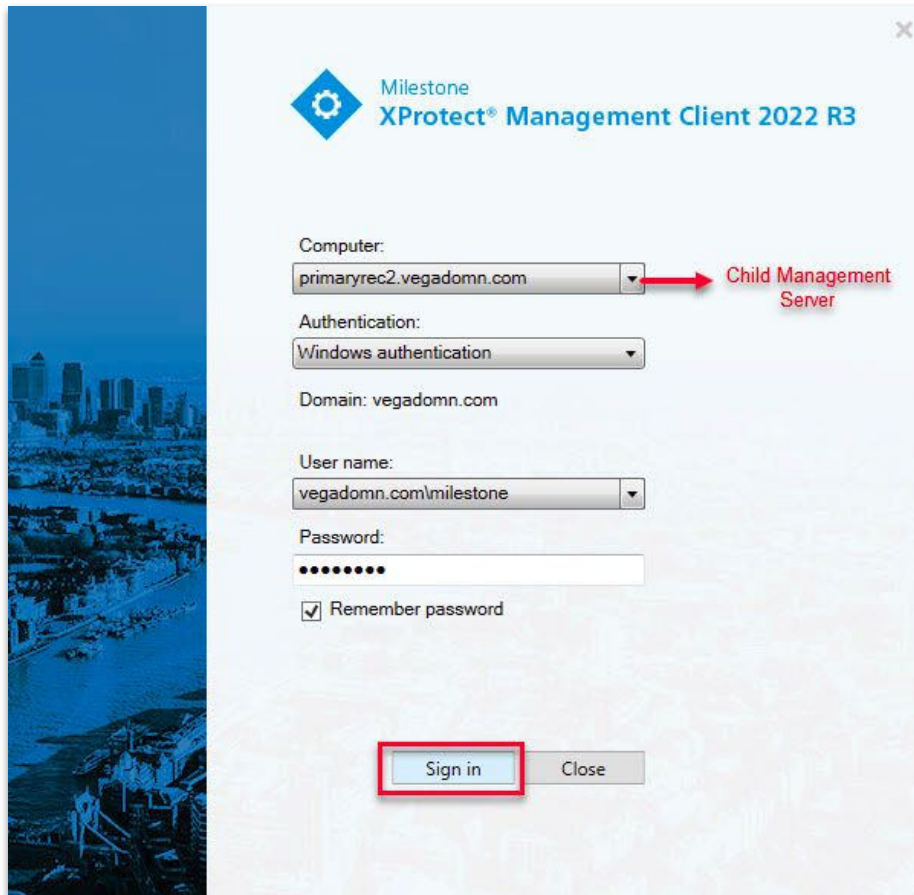
**Step 19**: Click **Finish**.





**Step 20:** Open the **Management Client**.

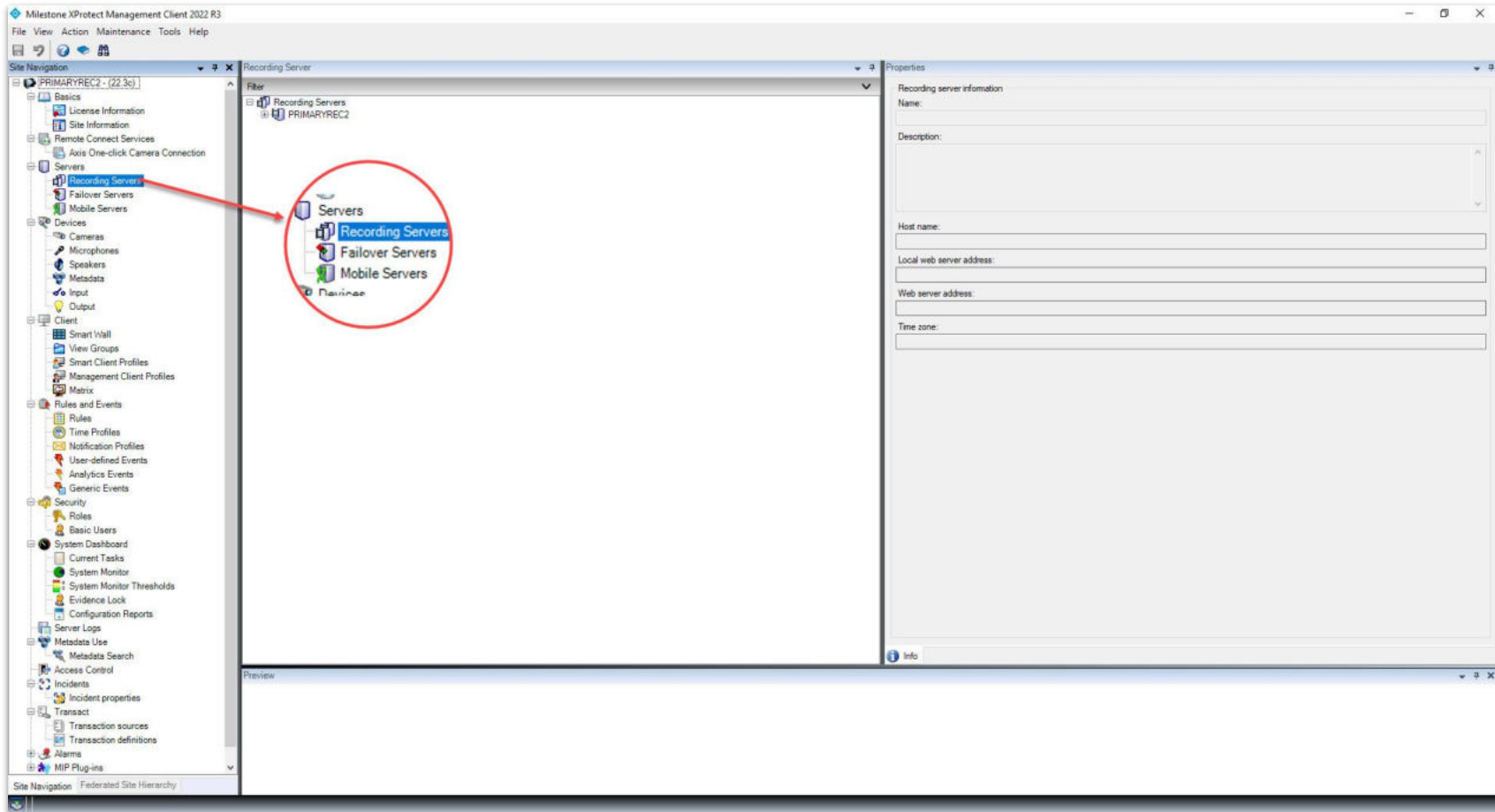
**Note:** Run as administrator



**Step 21: Login** into the **child** management server as a domain user with admin privileges.

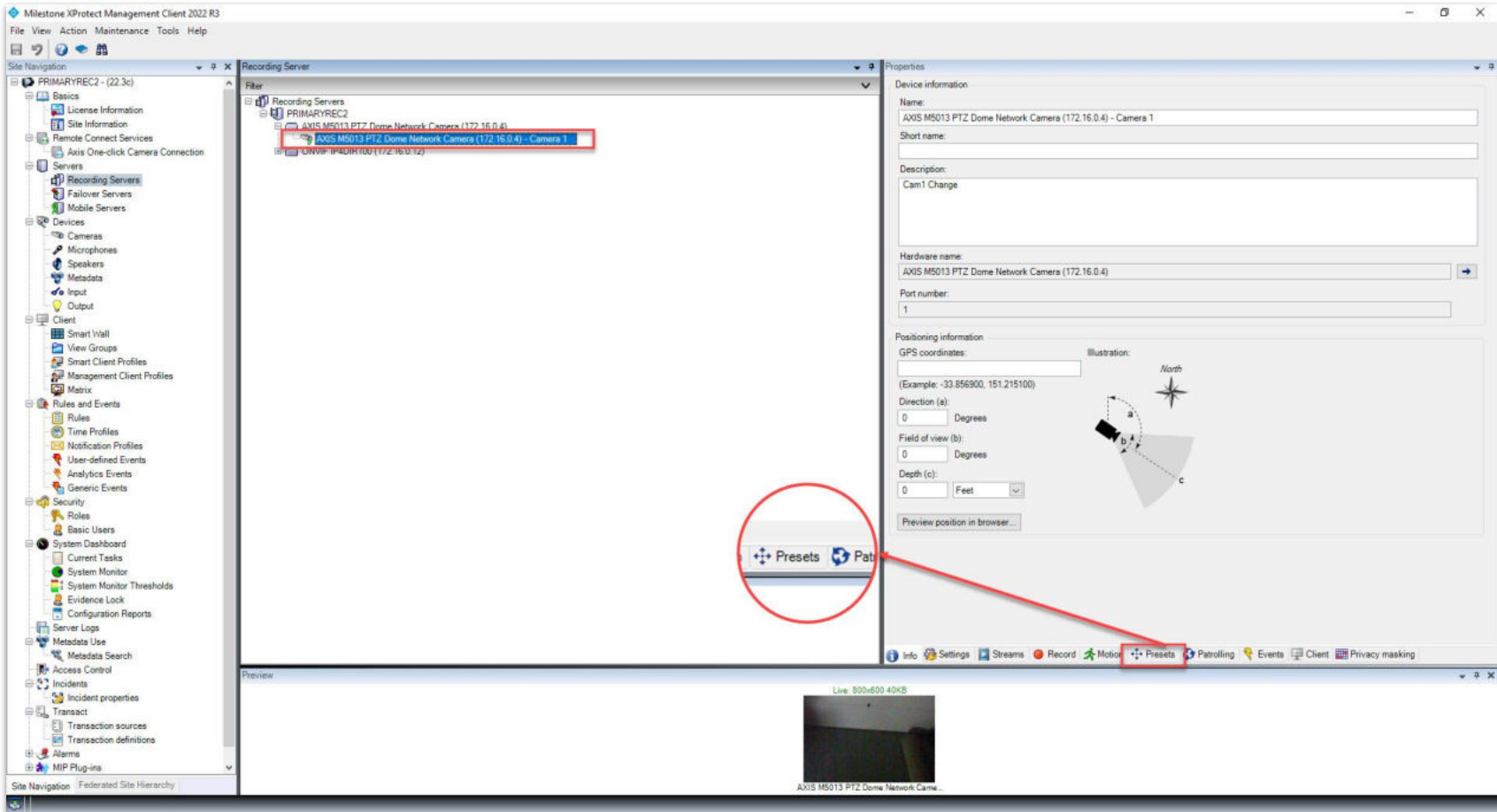
**Note:** Skip this step, if non-federated deployment



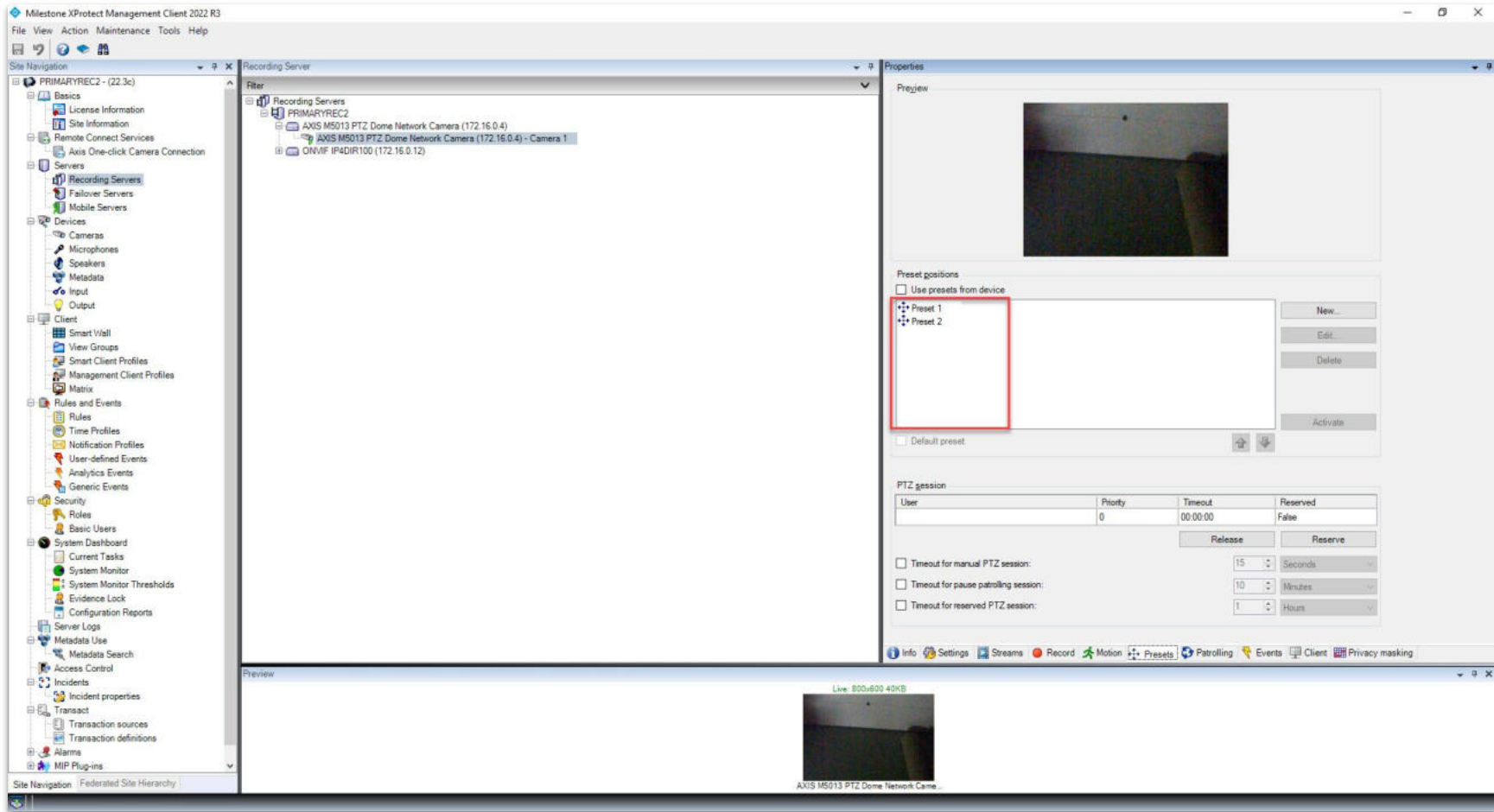


## Step 22: Goto **Servers** → **Recording Servers**

**Note:** Select Secondary Recording Server, if non-federated deployment.



**Step 23: Select the PTZ camera.  
Goto Presets from the bottom toolbar.**



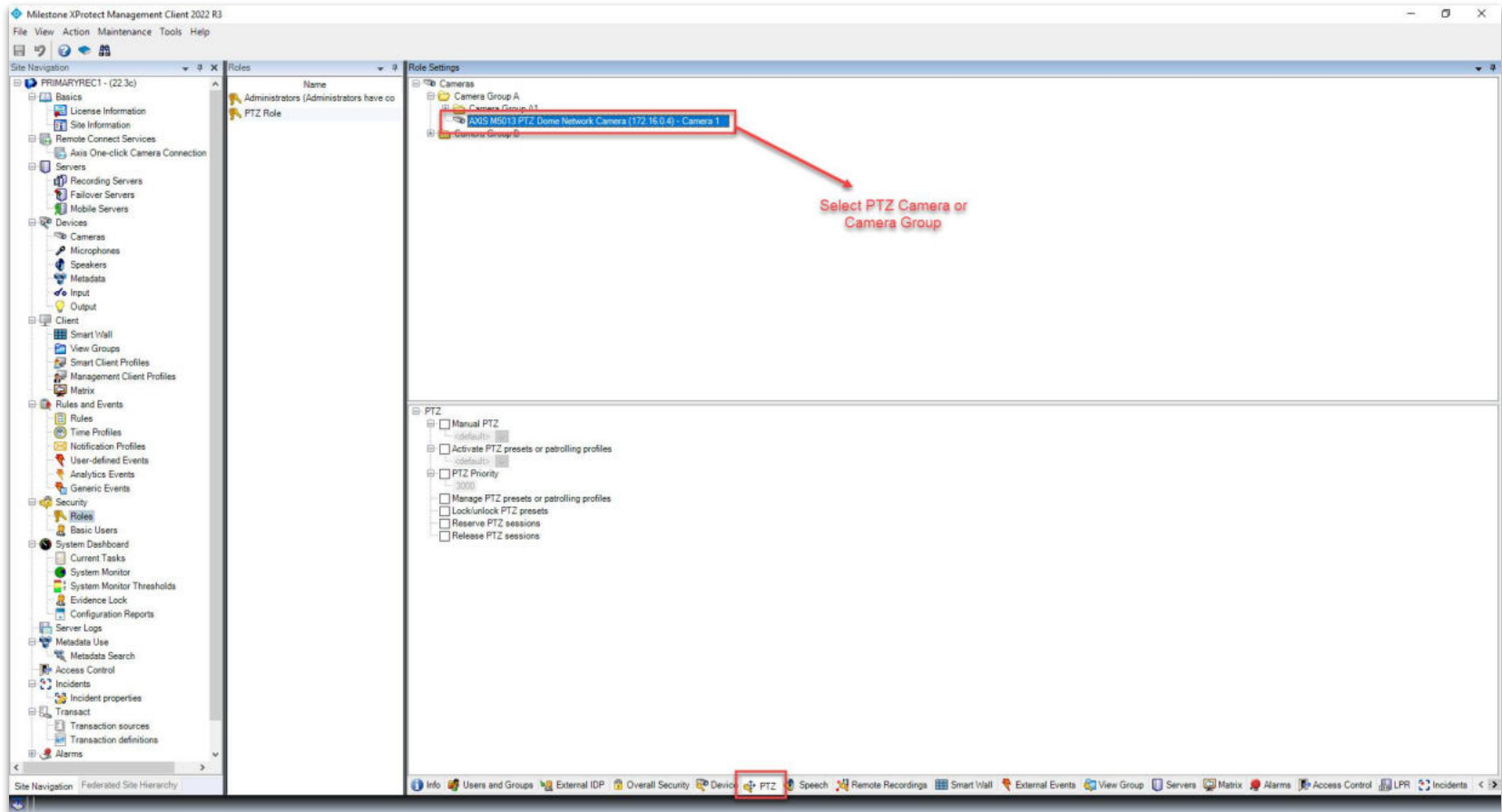
**Step 24:** The presets are replicated from the parent (primary) server.



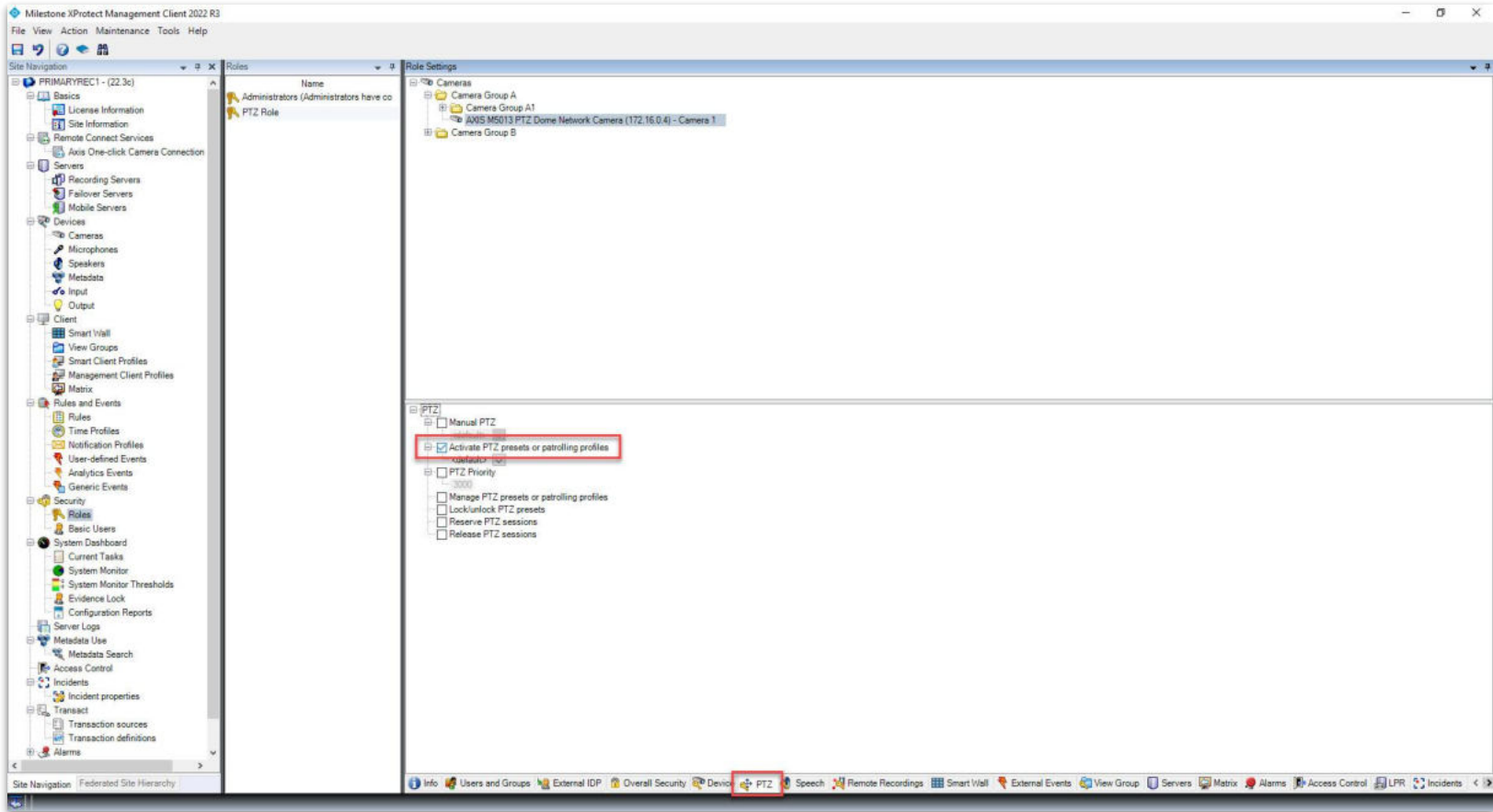
## **Part 2: PTZ Preset - Role Access (Admin Scope)**

The screenshot displays the Milestone XProtect Management Client 2022 R3 interface. The left-hand 'Site Navigation' pane shows a tree view of the system's configuration. The 'Security' folder is expanded, and the 'Roles' sub-item is highlighted with a red circle. A red line points from this 'Roles' item to the 'Roles' tab in the main window. The 'Roles' tab is active, showing a list of roles with 'PTZ Role' selected and highlighted in blue. The right-hand pane, titled 'Role Settings', displays configuration options for the selected role, including 'Roles information', 'Management Client profile', and various login and session control checkboxes.

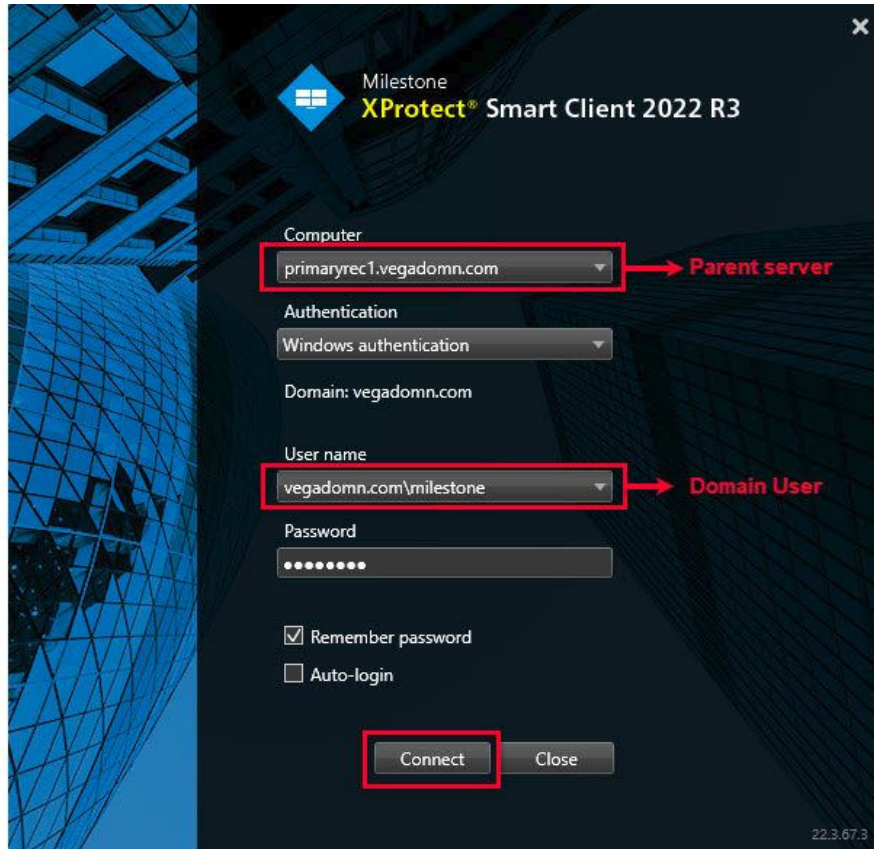
**Step 1:** Goto Security → Roles. Add a new role or select an existing role.



**Step 2**: Select the **PTZ tab** from the bottom toolbar.  
Select a **PTZ camera** or the **camera group** which consists of a PTZ camera.



**Step 3:** Select the **Activate PTZ presets or patrolling profiles**.  
Without selecting this option, a user cannot consume or traverse the  
PTZ presets created by the admin user.

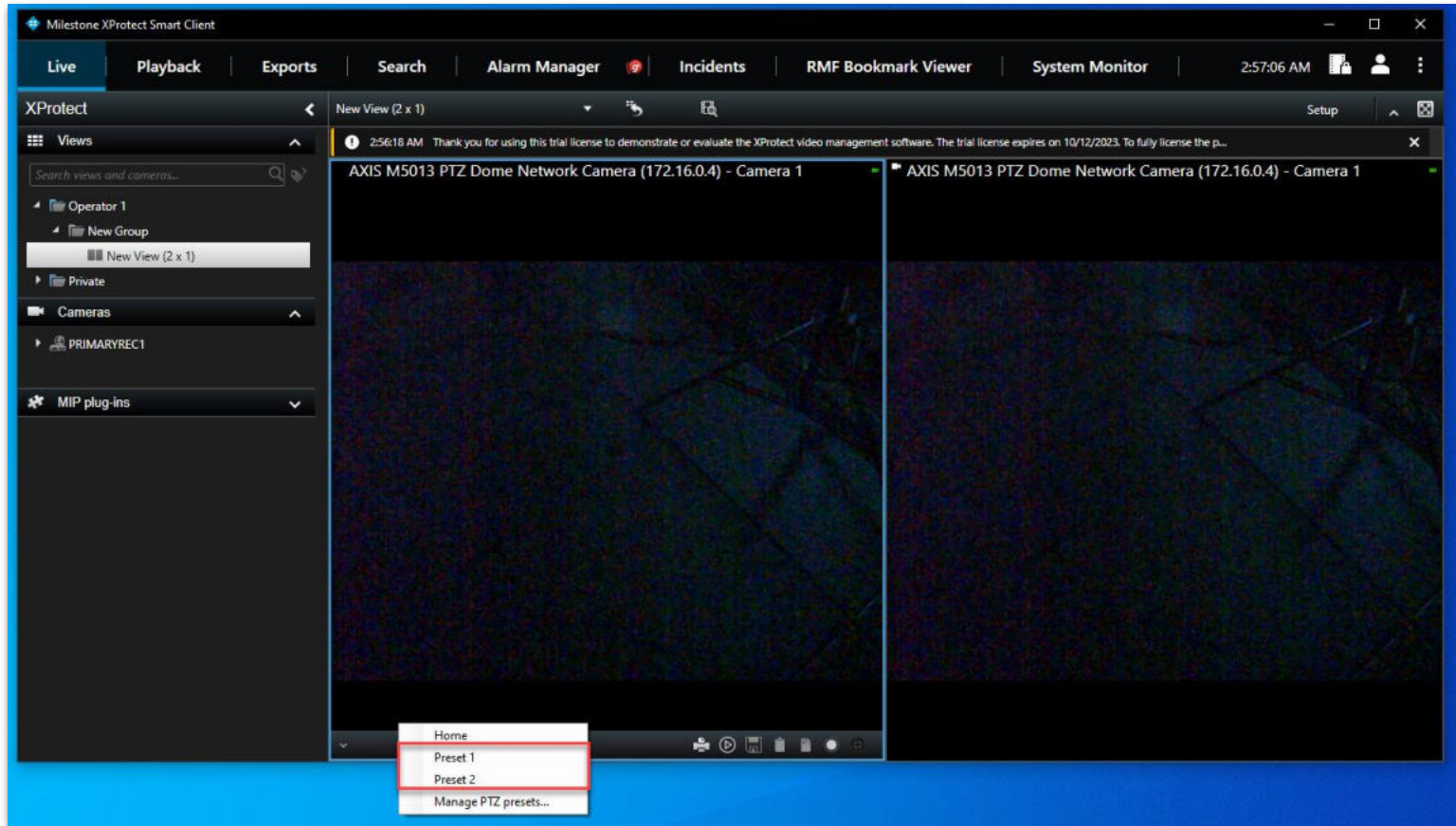


**Step 25:** Open the **Smart Client**.


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

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

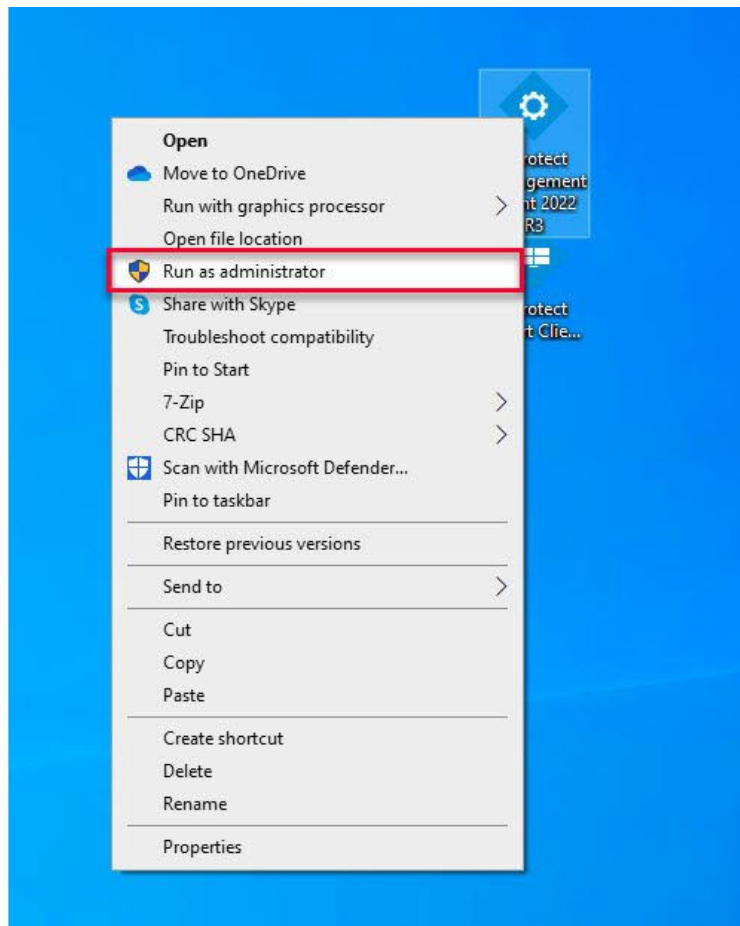




**Step 26: Presets are listed** in the SmartClient view for the PTZ camera. Domain users without admin privileges can consume the configured PTZ presets but cannot manage the PTZ presets.



## **Part 3: Replicating High Availability PTZ Presets added in Management Client after RMF configuration**



**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

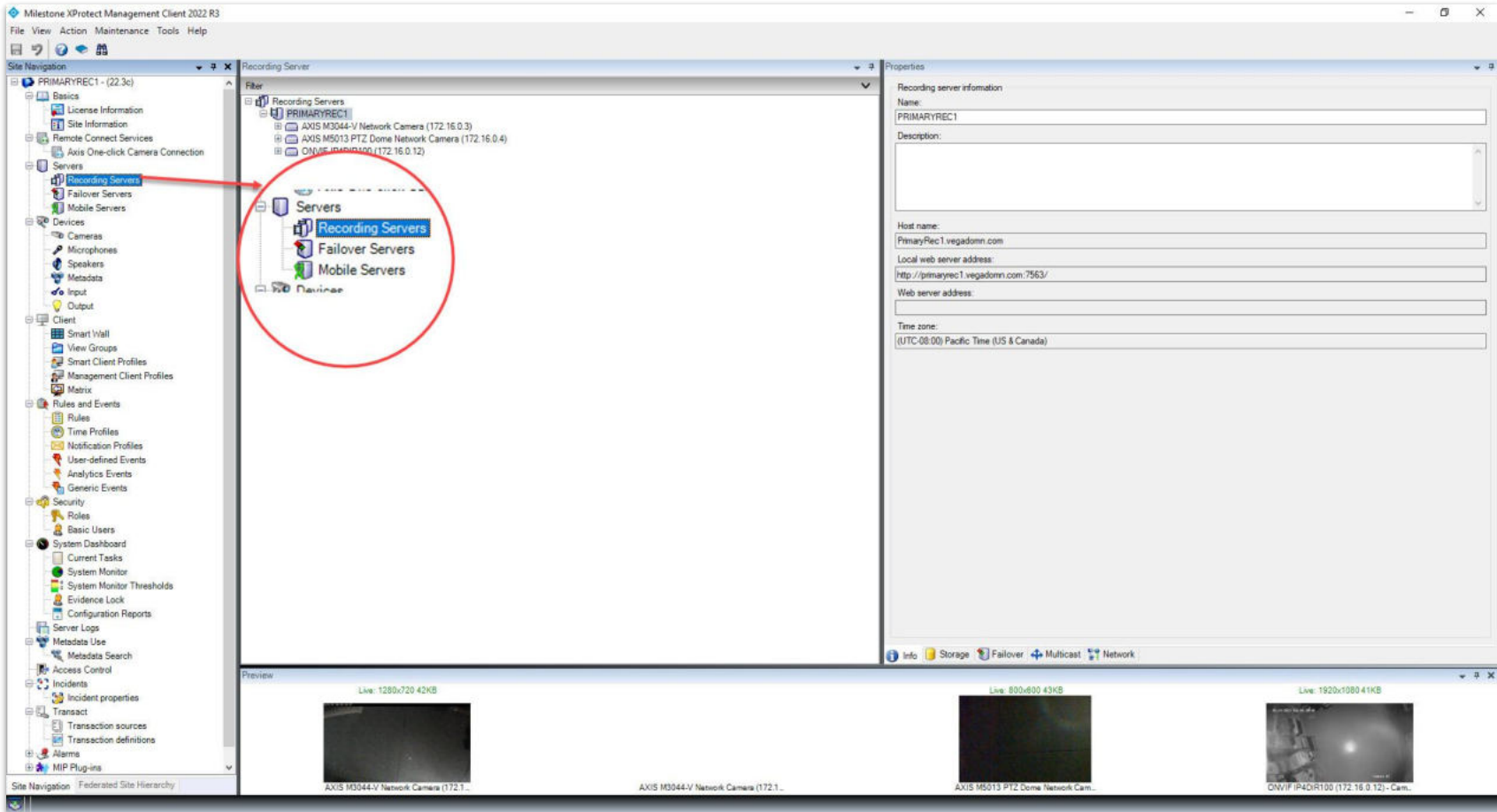
Password:  
••••••••

Remember password

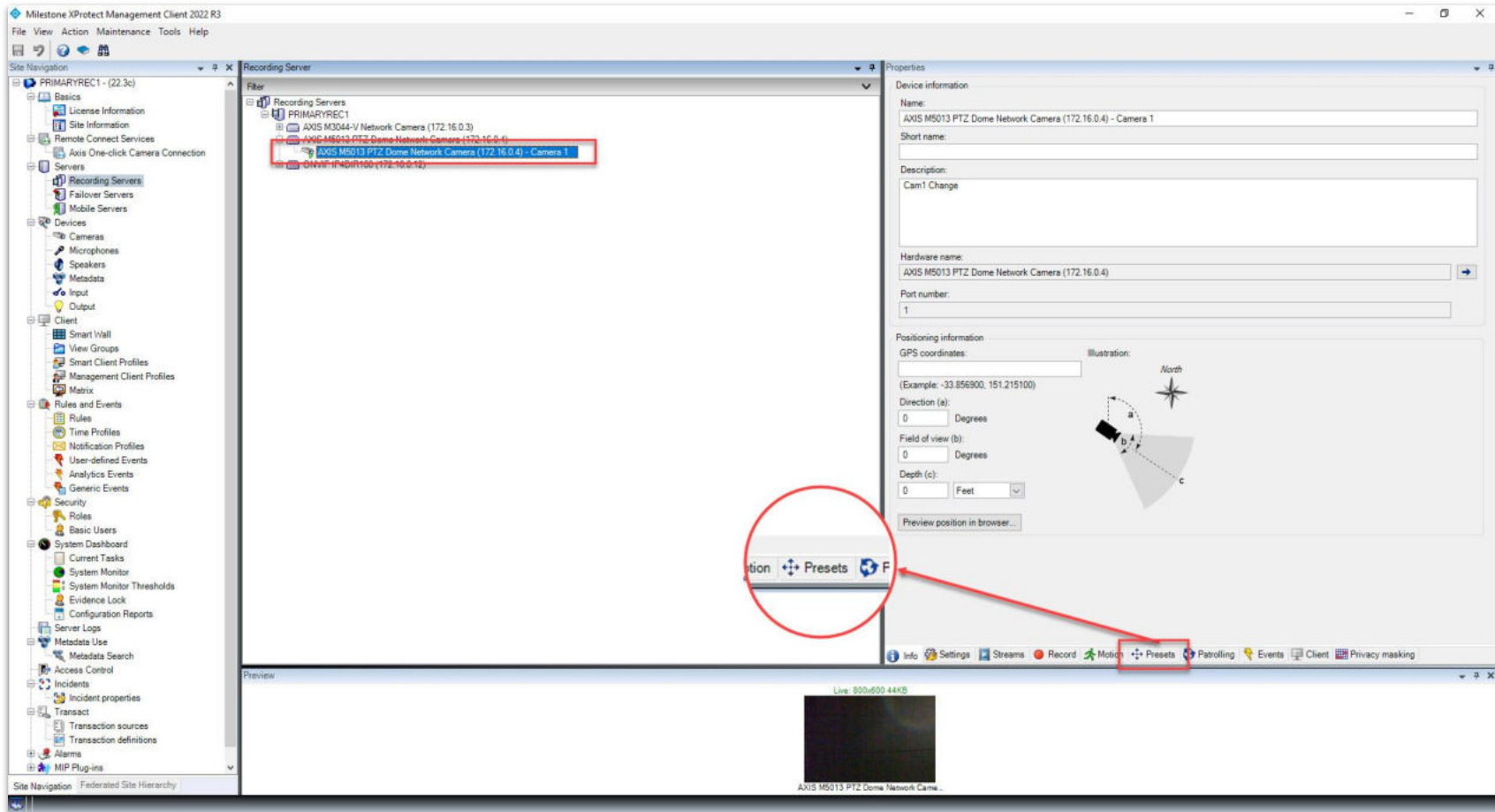
Sign in Close

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)



### Step 3: Goto Servers → Recording Servers



**Step 4:** Select a PTZ camera for which presets must be added.  
Goto **Presets** tab as shown in the above image.

Milestone XProtect Management Client 2022 R3

File View Action Maintenance Tools Help

Site Navigation

- PRIMARYREC1 - (22.3c)
  - Basics
    - License Information
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    - 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
    - Server Logs
    - Metadata Use
    - Metadata Search
  - Access Control
    - Incidents
    - Incident properties
  - Transact
    - Transaction sources
    - Transaction definitions
  - Alarms
  - MIP Plug-ins

Federated Site Hierarchy


Recording Server

Filter

- Recording Servers
  - PRIMARYREC1
    - AXIS M3044-V Network Camera (172.16.0.3)
    - AXIS M5013 PTZ Dome Network Camera (172.16.0.4)
    - AXIS M5013 PTZ Dome Network Camera (172.16.0.4) - Camera 1
    - ONVIF IP4DIR100 (172.16.0.12)

Properties

Preview



Preset positions

Use presets from device

- Presets: Preset 1, Preset 2, Preset 3 (highlighted with a red box)

Buttons: New, Edit, Delete, Activate

Default preset

PTZ\_session

User	Priority	Timeout	Reserved
VEGADOMN\milestone	32000	00:00:01	False

Buttons: Release, Reserve

Timeout for manual PTZ session: 15 Seconds

Timeout for pause patrolling session: 10 Minutes

Timeout for reserved PTZ session: 1 Hours

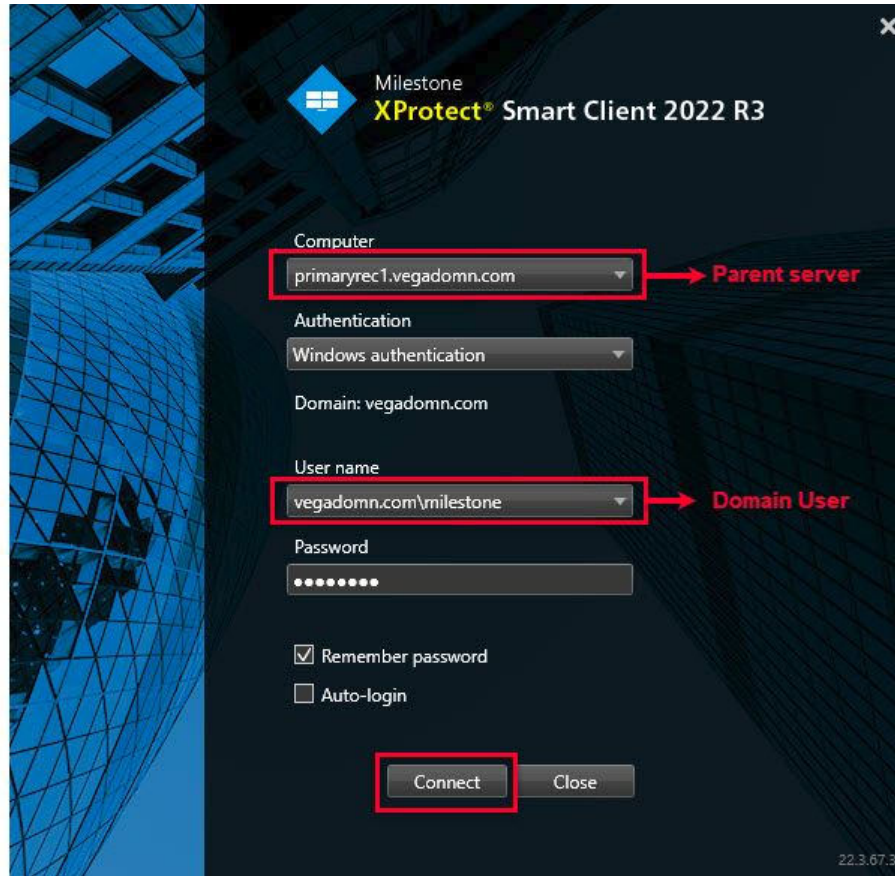
Preview

Live: 800x600 43KB

AXIS M5013 PTZ Dome Network Camera

**Step 5:** New presets added in Management Client.



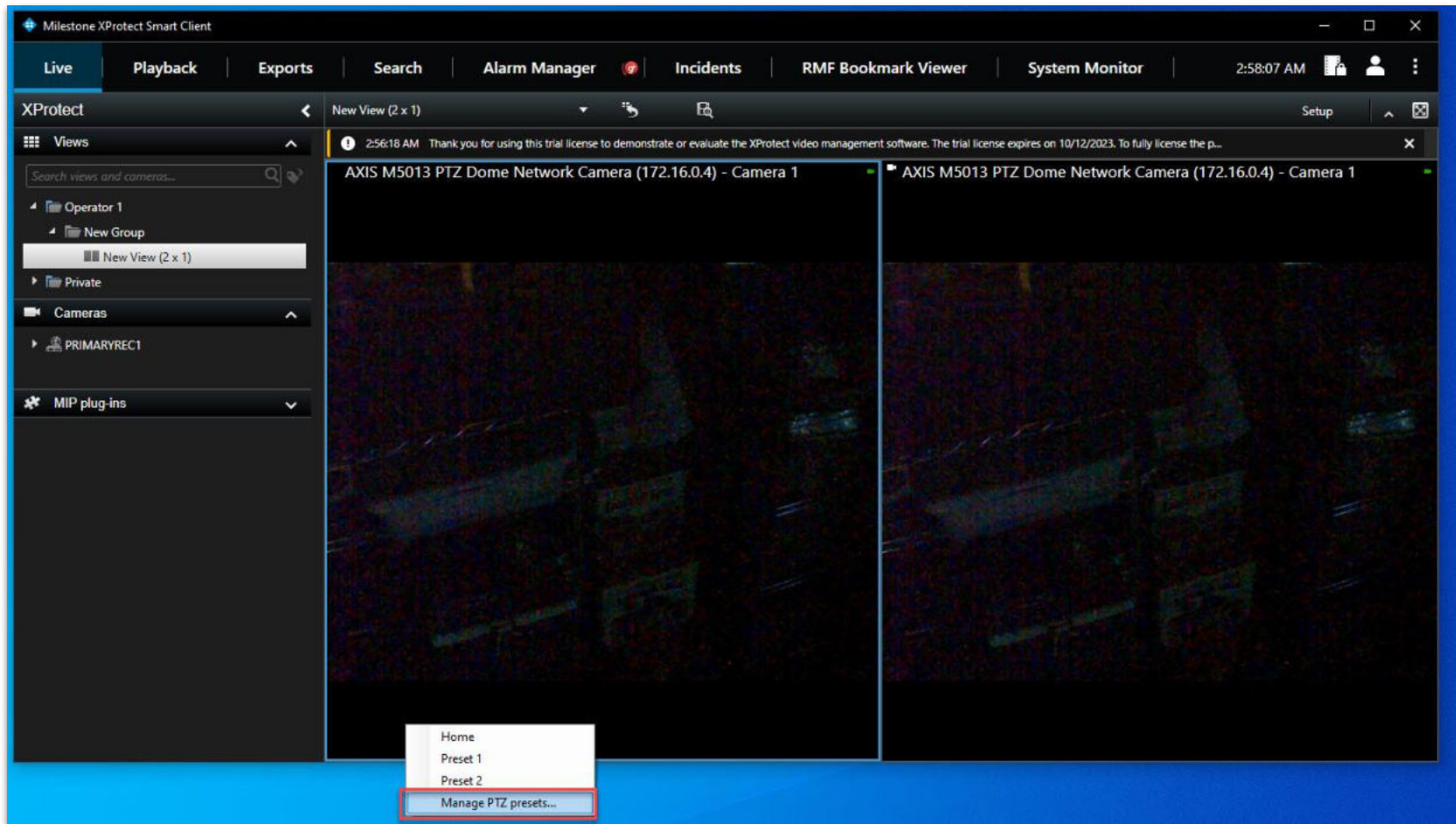


**Step 6:** Open the **Smart Client**.

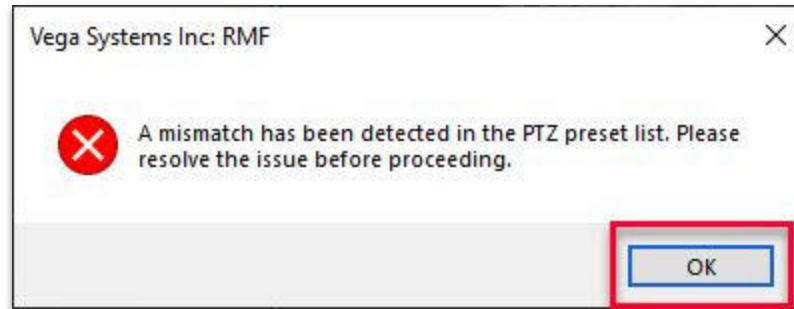
**Login into Parent Management Server** using domain admin user credentials (Federated Deployments).

**Login into Management Server** as an admin user (Non-Federated Deployments)

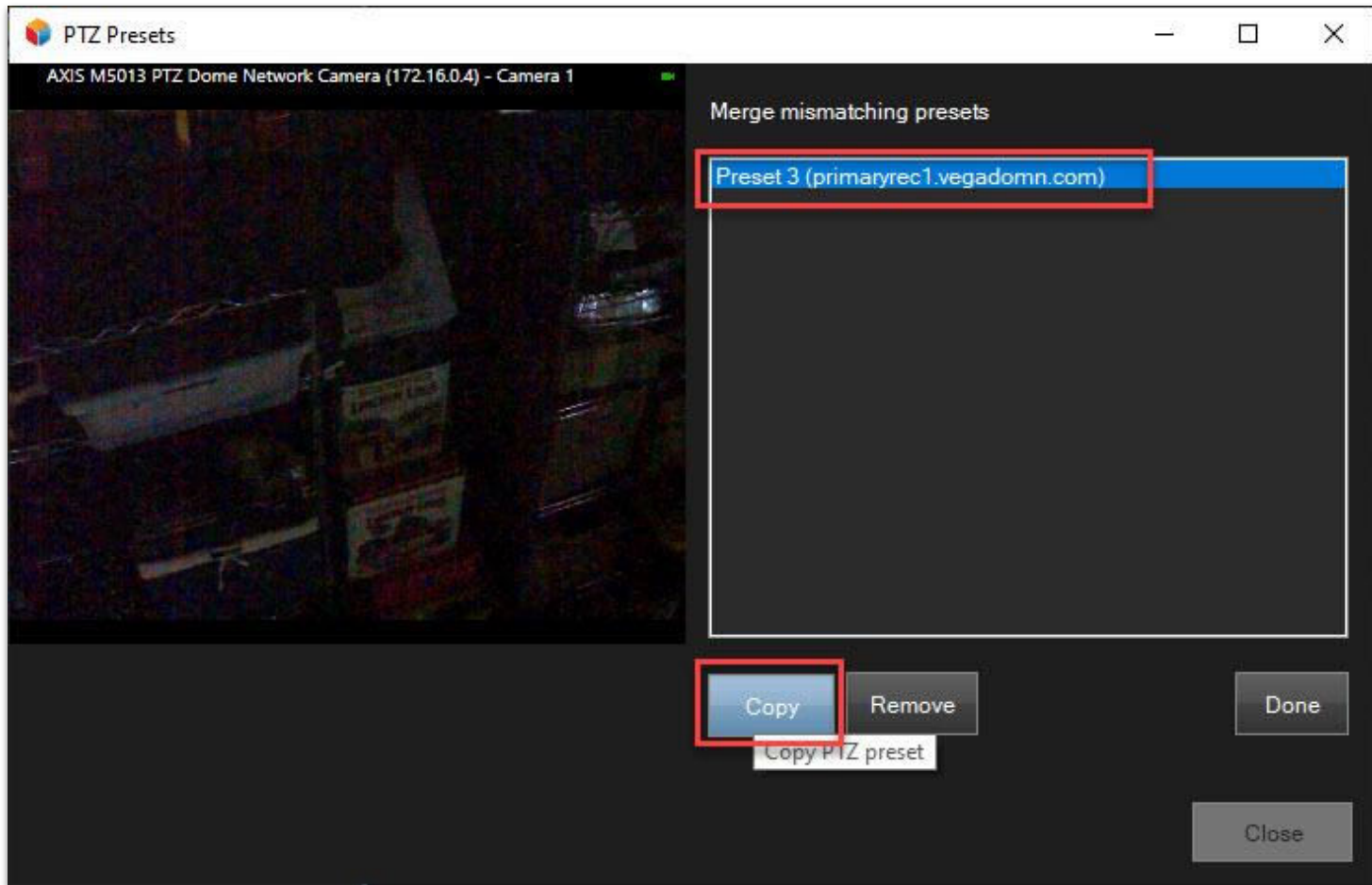




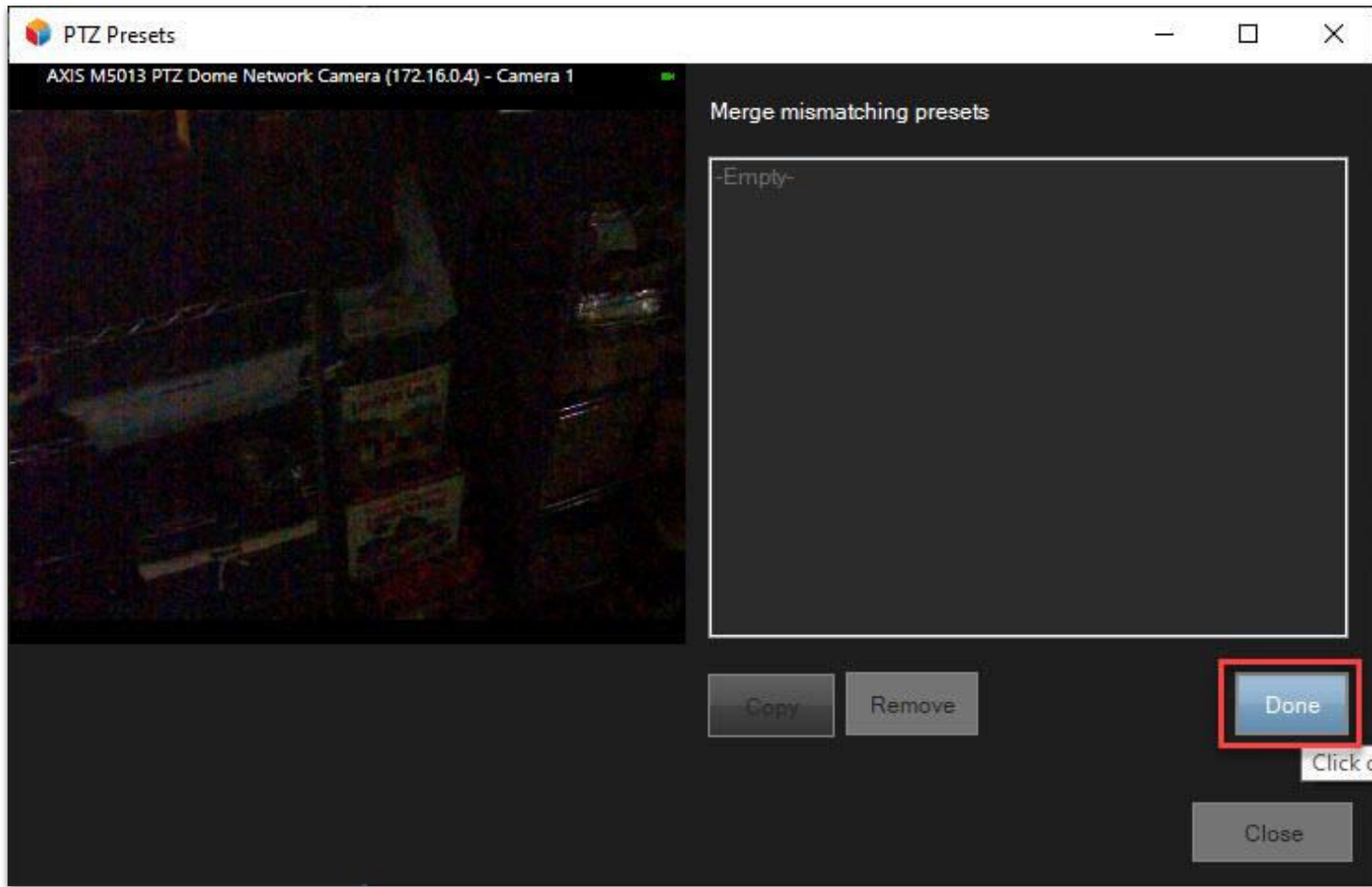
**Step 7:** View the presets for the PTZ camera. **Click Manage PTZ presets.**



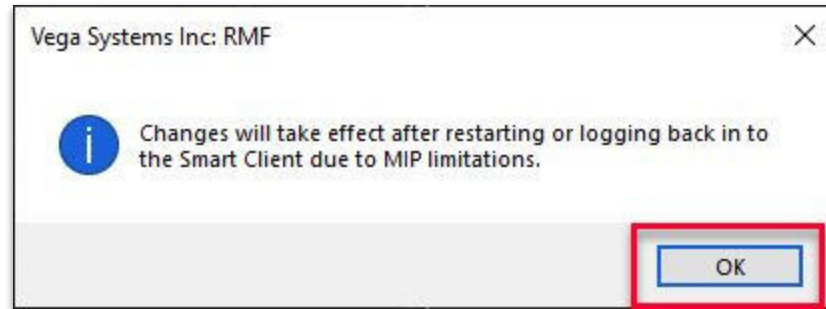
**Step 8:** Click **OK** to list the presets added in the Management Client.



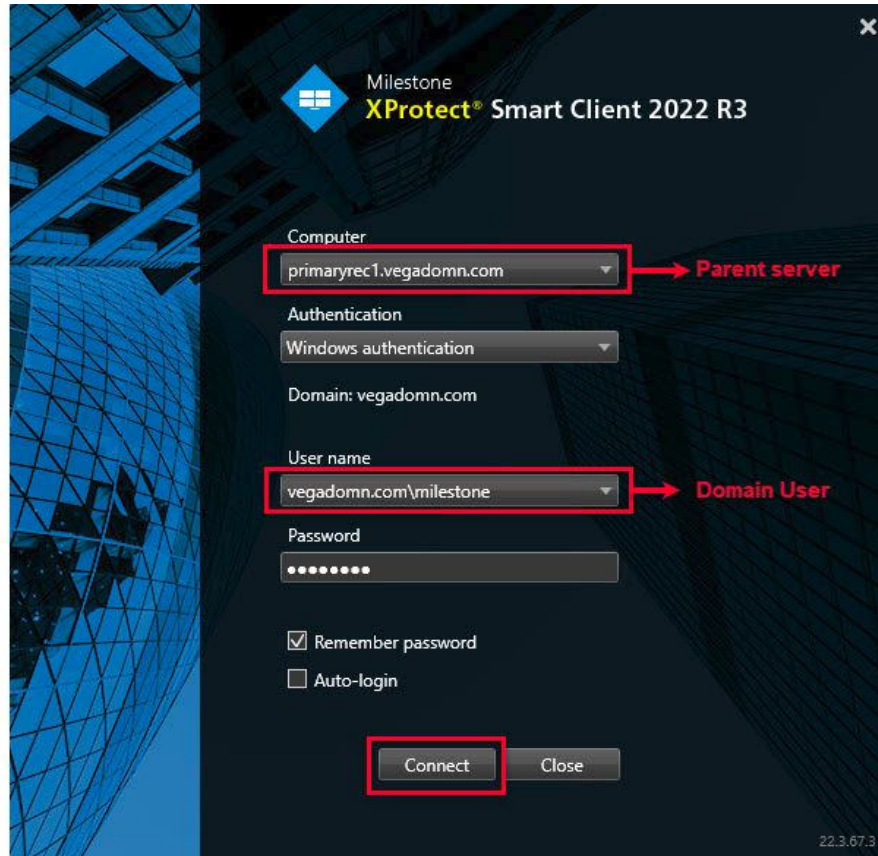
**Step 9:** Click **Copy** to add the preset to the child ([secondary](#)) site.



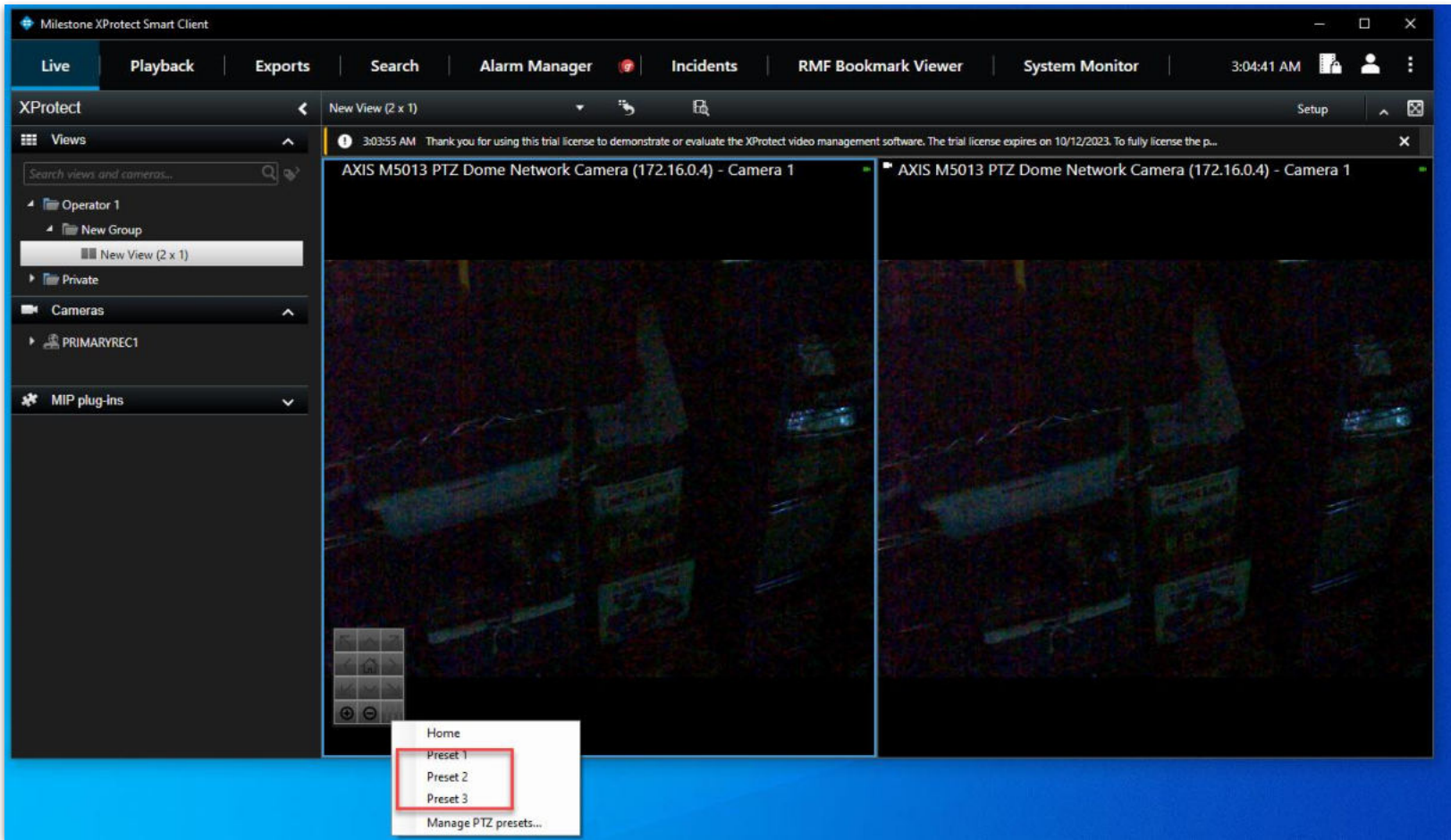
**Step 10:** Click **Done**.



**Step 11: Click **OK** and **Re-Login to SmartClient.****



**Step 12: Re-Login into Parent Management Server** using domain user credentials. (Federated Deployments)  
**Re-Login to Management Server, connect to Management Server (Non-Federated Deployments)**



**Step 13:** The preset list is updated.