

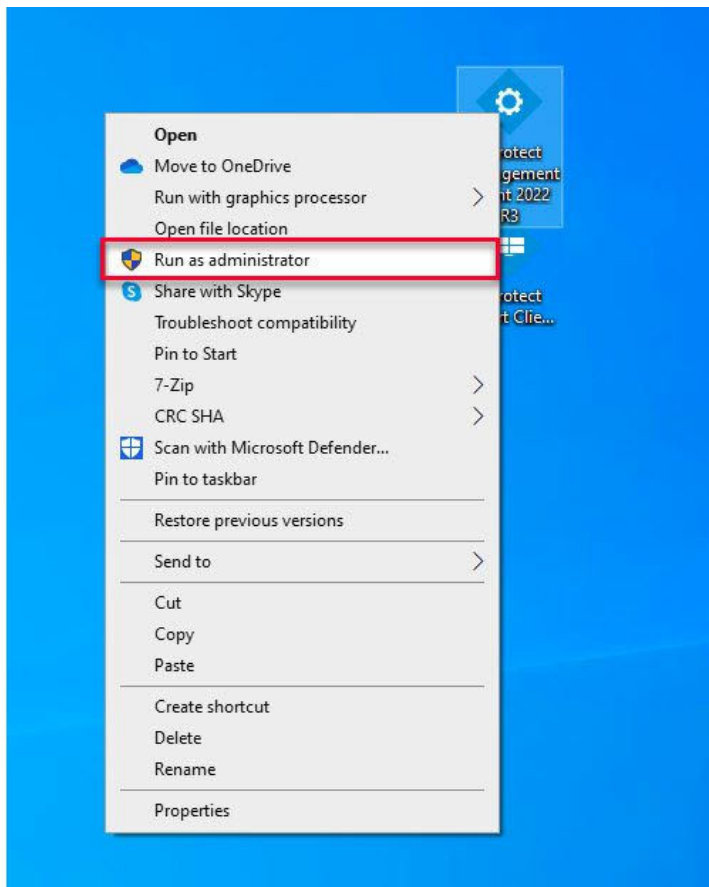


RMF – Add Custom Event for High Availability Alarms

Vega Systems Inc.

03/14/2023

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



Step 1: Open the **Management Client** on the **Parent Management Server**. (Federated Deployments)
Open the **Management Client** on the **Management Server**. (Non-Federated Deployments)

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

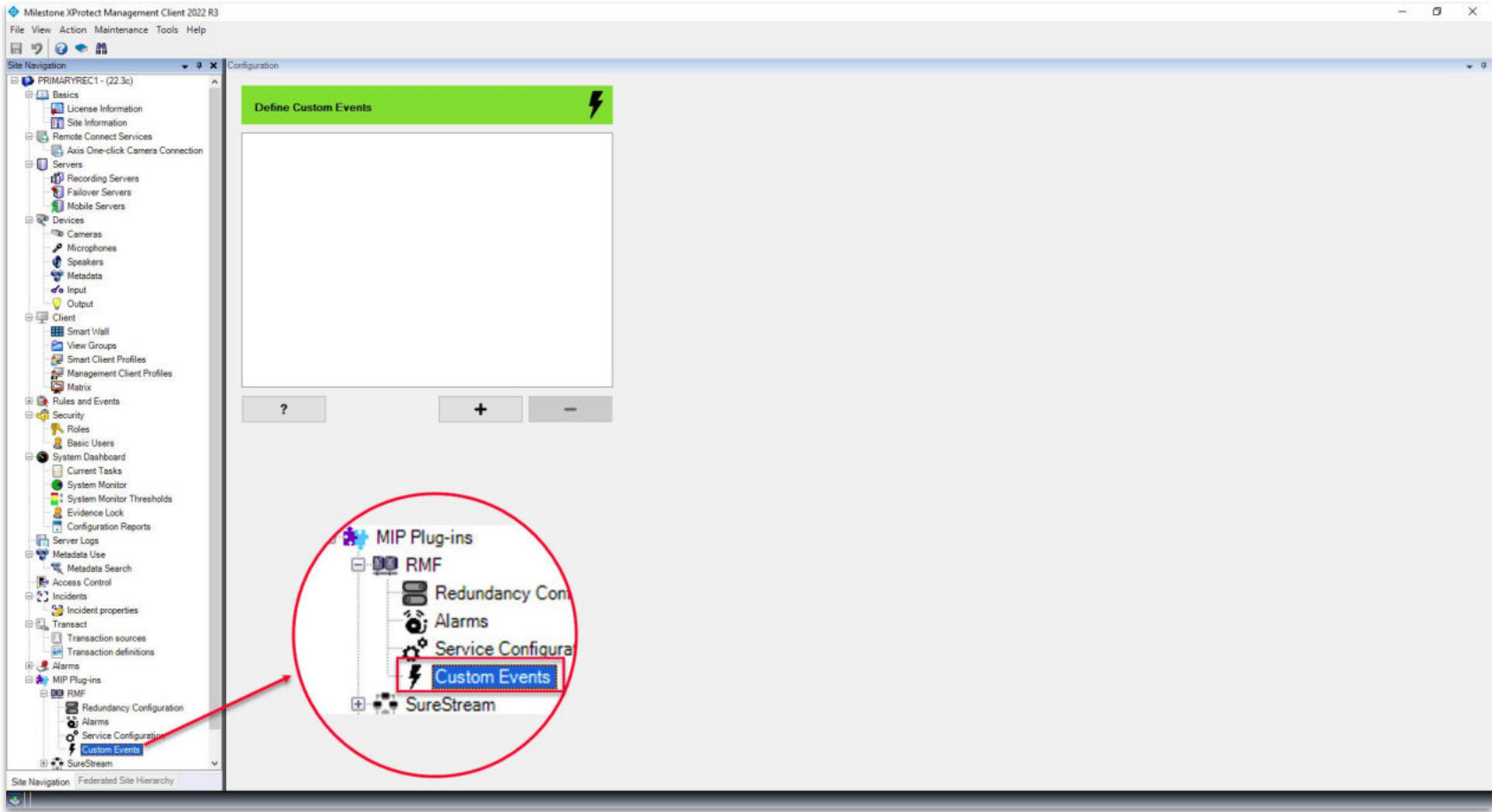
Step 2: Login into the **Parent Management Server** as a domain user with admin privileges. (Federated Deployments)
Login into Management Server as a user with admin privileges (Non-Federated Deployments)



**RMF has to be setup first before proceeding
with the Alarm Configuration**



Part 1: Define Custom Events



Step 1: Goto Site Navigation → MIP Plug-ins.
Expand RMF and select Custom Events.

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
- Redundancy Configuration
- Alarms
- Service Configuration
- Custom Events
- SureStream

Site Navigation | Federated Site Hierarchy

Configuration

Define Custom Events

Help

The name of the new custom event must match the triggering event message name. The triggering message name can be found under Alarm Definitions. Refer the following image.

Milestone XProtect Management Client 2021 R1

File View Action Maintenance Tools Help

Alarm Definition

Alarm Definition

Name: Alarm Definition

Instructions:

Trigger: Analytics Event

Triggering event: Door Opened

First drop-down: Type of event

Second drop-down: Event message

Source: To File

Activation panel: Alarm

Time profile: Alarm

Milestone XProtect Management Client 2021 R1

File View Action Maintenance Tools Help

Define Custom Event Name

Door Opened

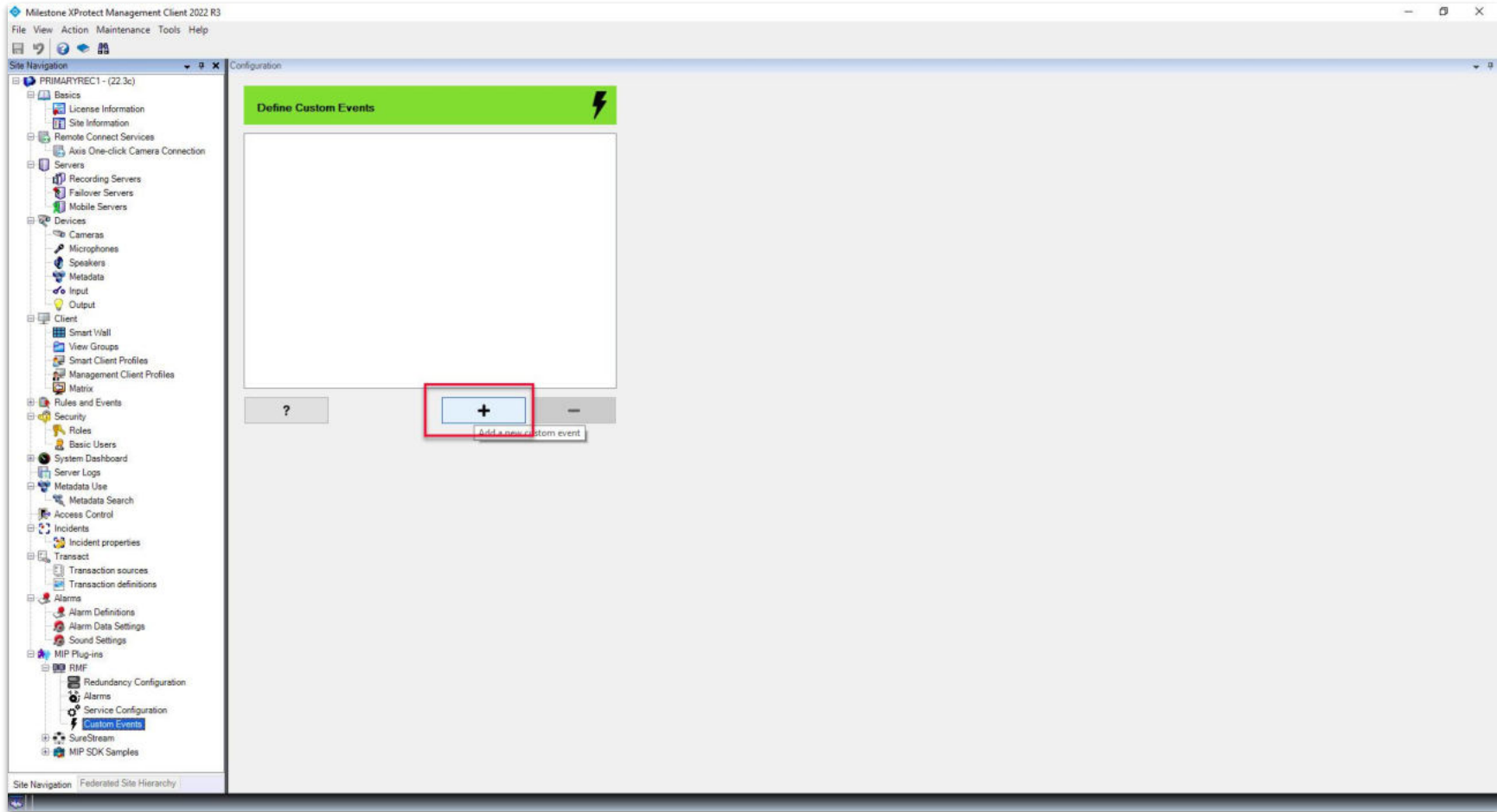
OK Cancel

Door Opened

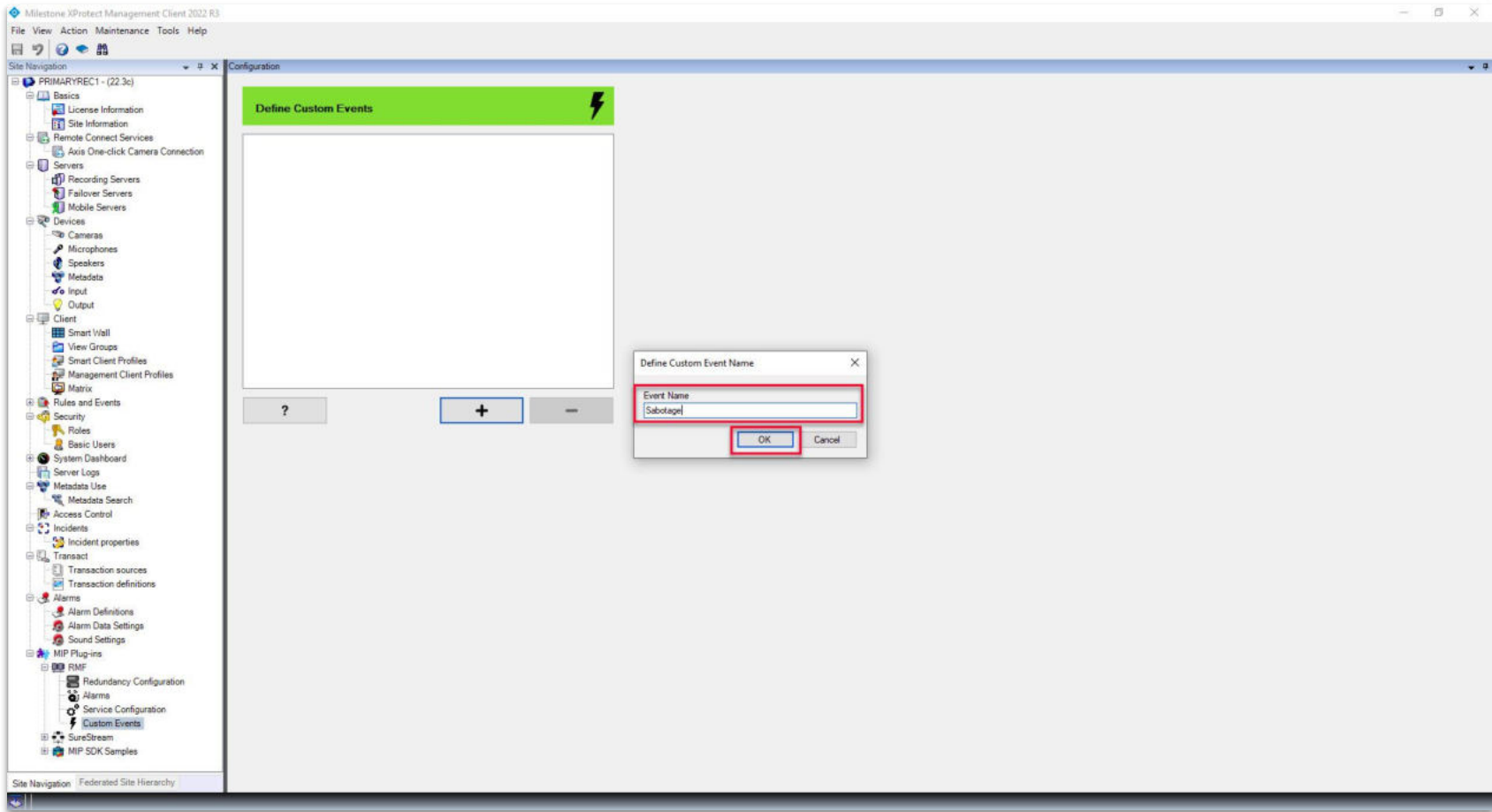
For more details, please check the "Alarm definition settings" section in XProtect VMS administrator manual. [Click here to open the document.](#)

Close

Step 2: Refer to Slides 10-14 to find custom event names defined in Milestone Alarm Definitions.



Step 3: Click **Add a new custom event**.



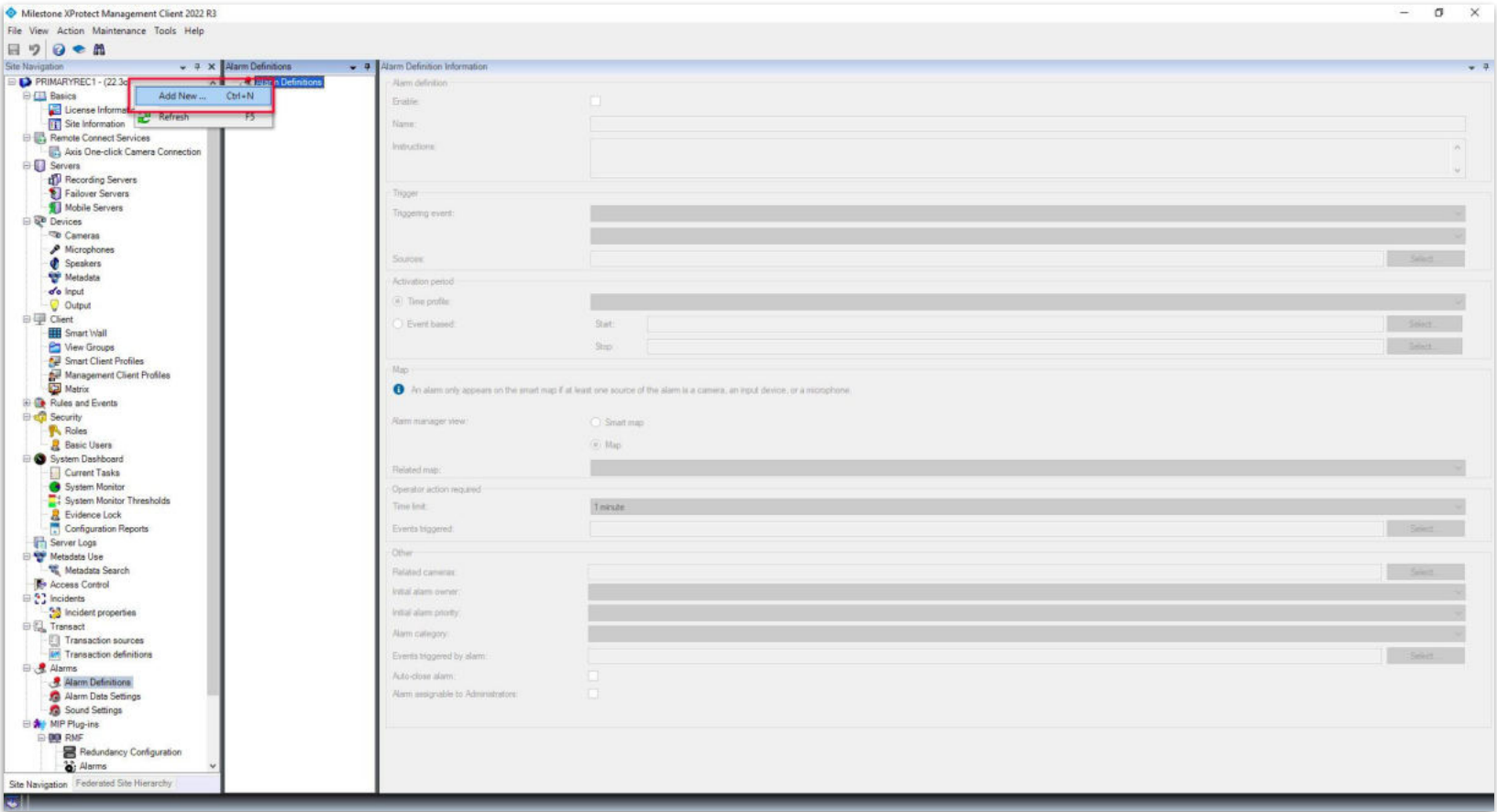
Step 4: Provide the same **event name** as provided in the **Milestone Alarm Definition**. Click **OK**.
Note: The custom event is saved automatically.



Part 1.1: Event Name Lookup

The screenshot displays the Milestone XProtect Management Client 2022 R3 interface. The left pane shows the 'Site Navigation' tree with the 'Alarms' folder expanded, and 'Alarm Definitions' selected. A red circle highlights this selection, with a red arrow pointing to the 'Alarm Definitions' section in the main 'Alarm Definition Information' pane. The main pane shows the configuration options for an alarm definition, including fields for Name, Instructions, Trigger, Sources, Activation period, and Map. A red circle also highlights the 'Alarms' sub-menu in the main pane, which includes 'Alarm Definitions', 'Alarm Data Settings', and 'Sound Settings'.

Step 1: Goto Site Navigation → Alarms and select Alarm Definitions.

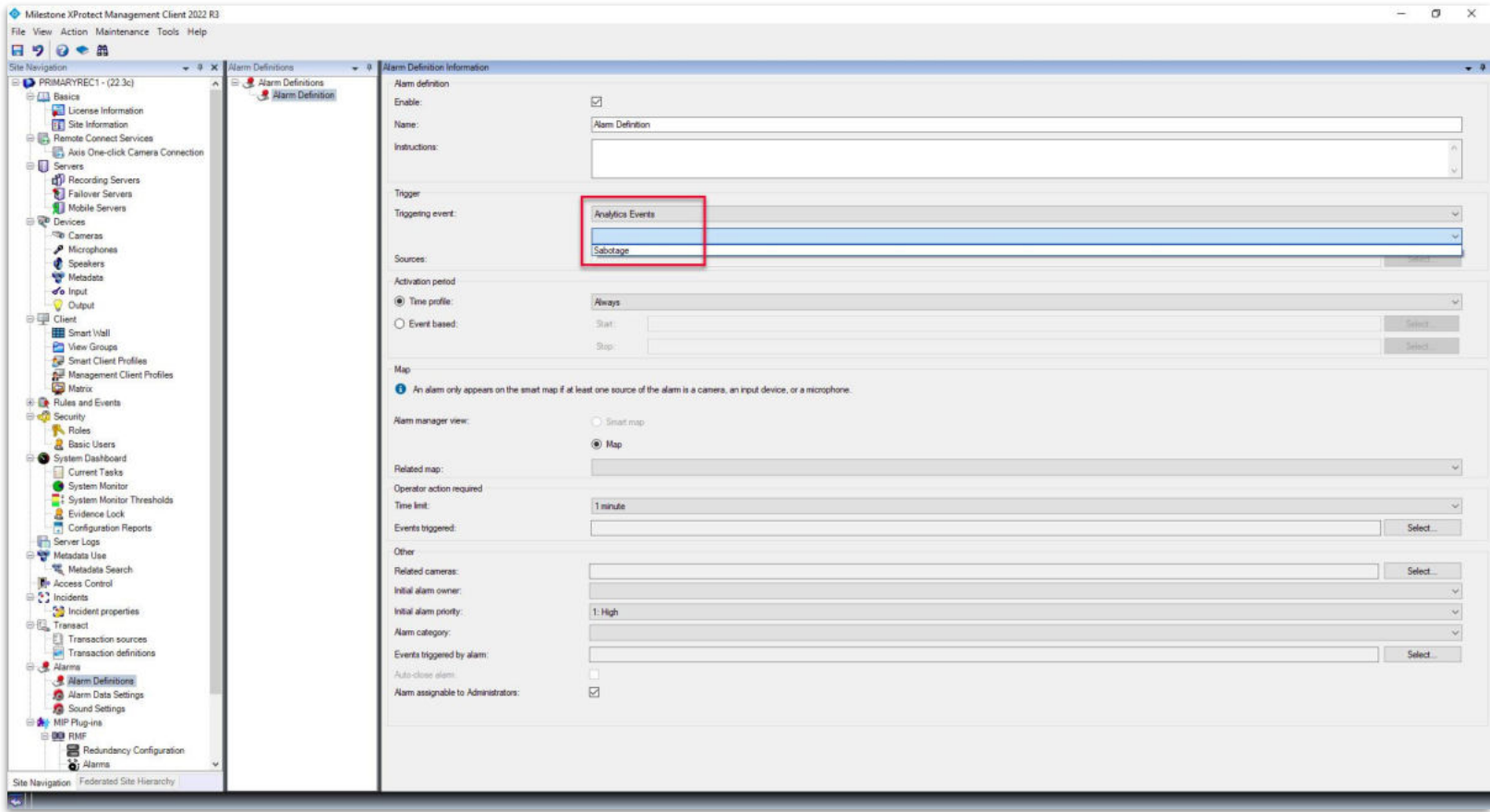


Step 2: Right-click **Alarm Definitions** and select **Add New**.
These steps are shown to find the event name.
Note: Do not save this alarm definition.

The screenshot displays the Milestone XProtect Management Client interface. The left sidebar shows a tree view of the system configuration, with 'Alarms' > 'Alarm Definitions' selected. The main window is titled 'Alarm Definition Information' and contains the following fields:

- Alarm definition:**
 - Enable:
 - Name: Alarm Definition
 - Instructions: (empty text area)
- Trigger:**
 - Triggering event: (dropdown menu open, showing 'Access Control Event Categories' selected)
 - Sources: (empty text area)
 - Activation period: (empty text area)
 - Event based: (selected)
 - Stop: (empty text area)
- Map:**
 - Information: An alarm only appears on the smart map if at least one source of the alarm is a camera, an input device, or a microphone.
 - Alarm manager view: Smart map, Map
 - Related map: (empty dropdown)
 - Operator action required: (empty dropdown)
 - Time limit: 1 minute
 - Events triggered: (empty text area)
- Other:**
 - Related cameras: (empty text area)
 - Initial alarm owner: (empty dropdown)
 - Initial alarm priority: T: High
 - Alarm category: (empty dropdown)
 - Events triggered by alarm: (empty text area)
 - Auto-close alarm:
 - Alarm assignable to Administrators:

Step 3: Select **Triggering Event** category from pre-defined event categories.



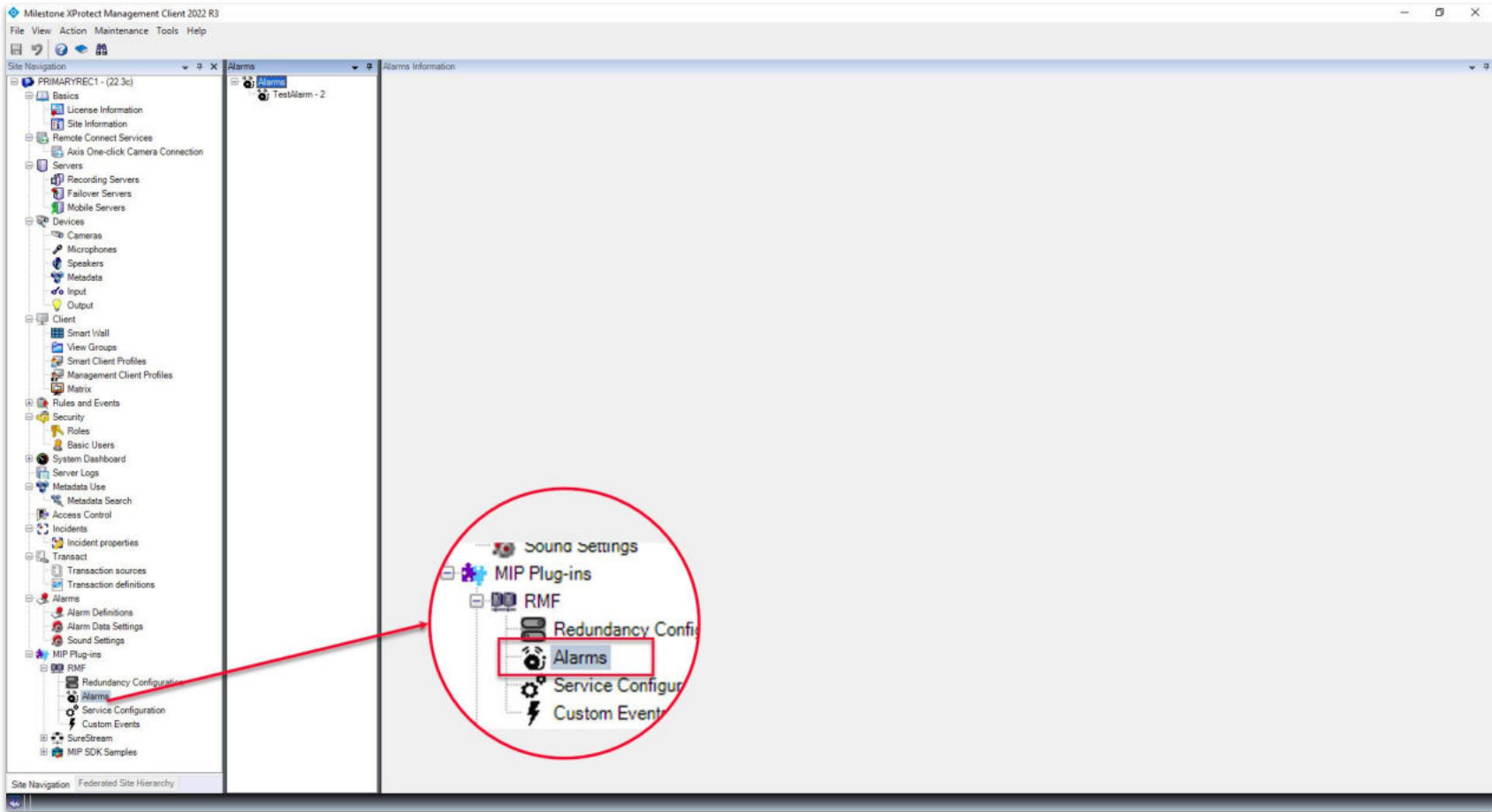
Step 4: Select **Event Type** from the pre-defined event list.

Note: Make a note of the event name from the list.

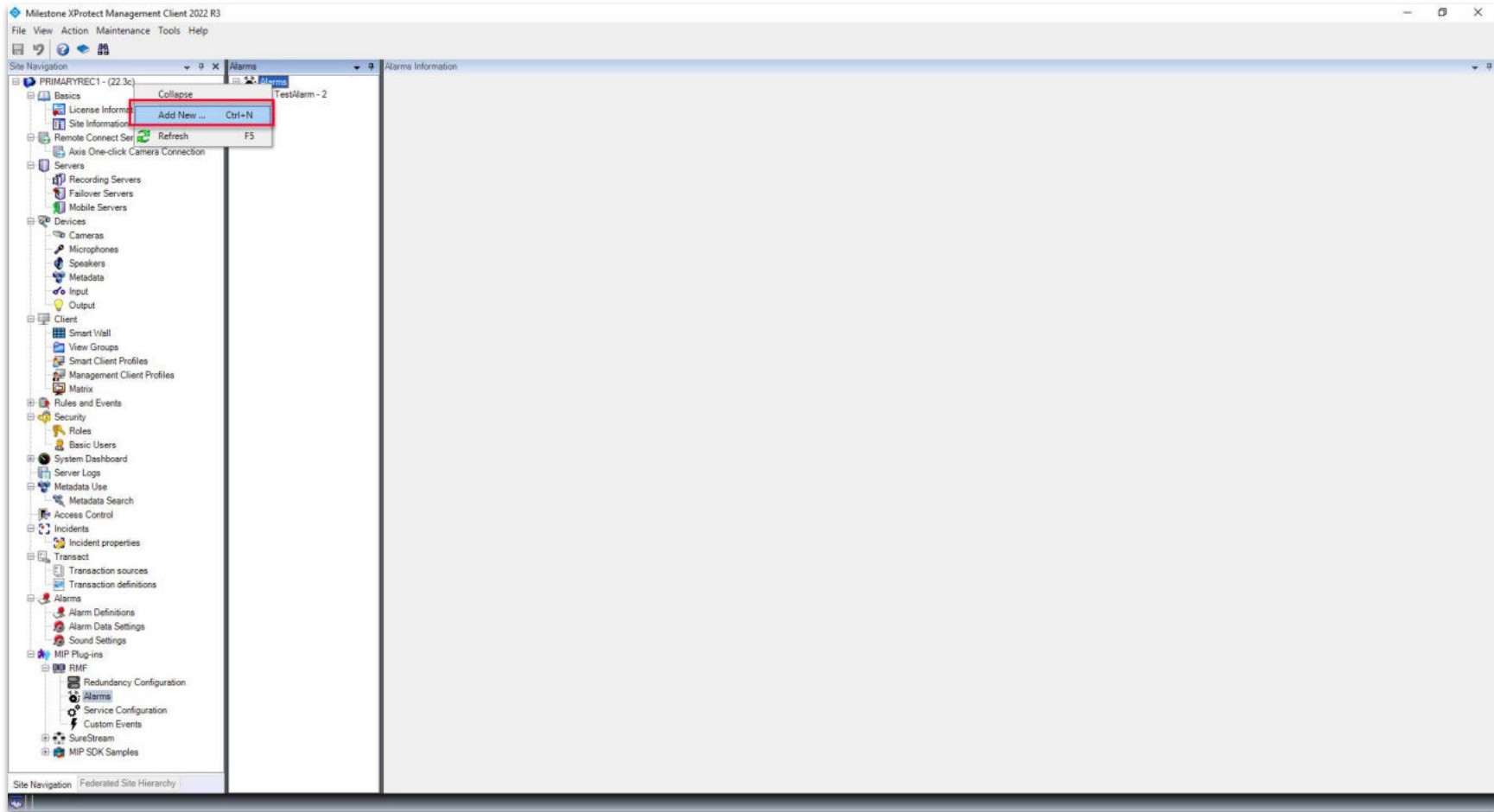
The same name has to be provided when creating the custom event.



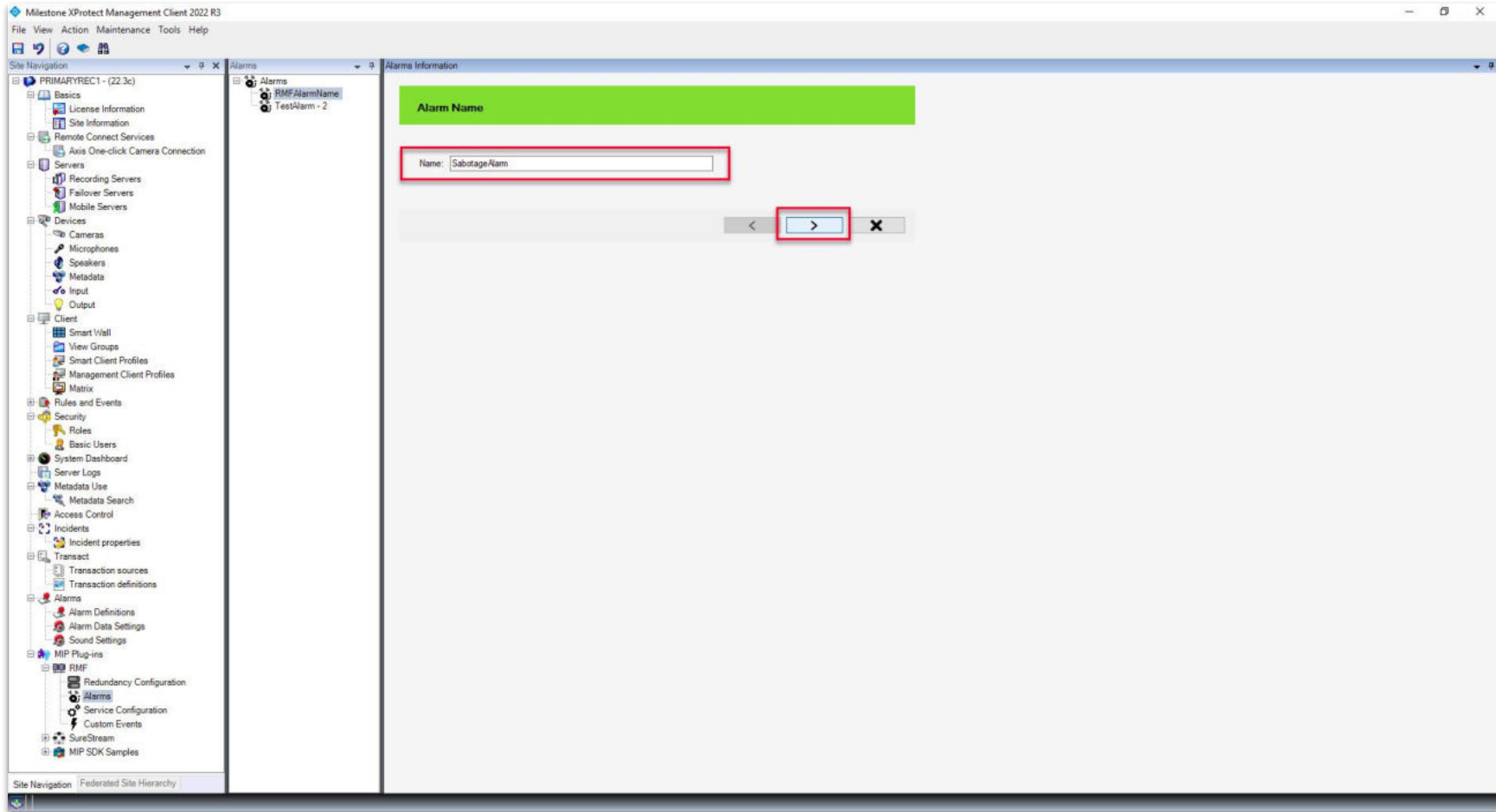
Part 2: Add Custom Event Alarm



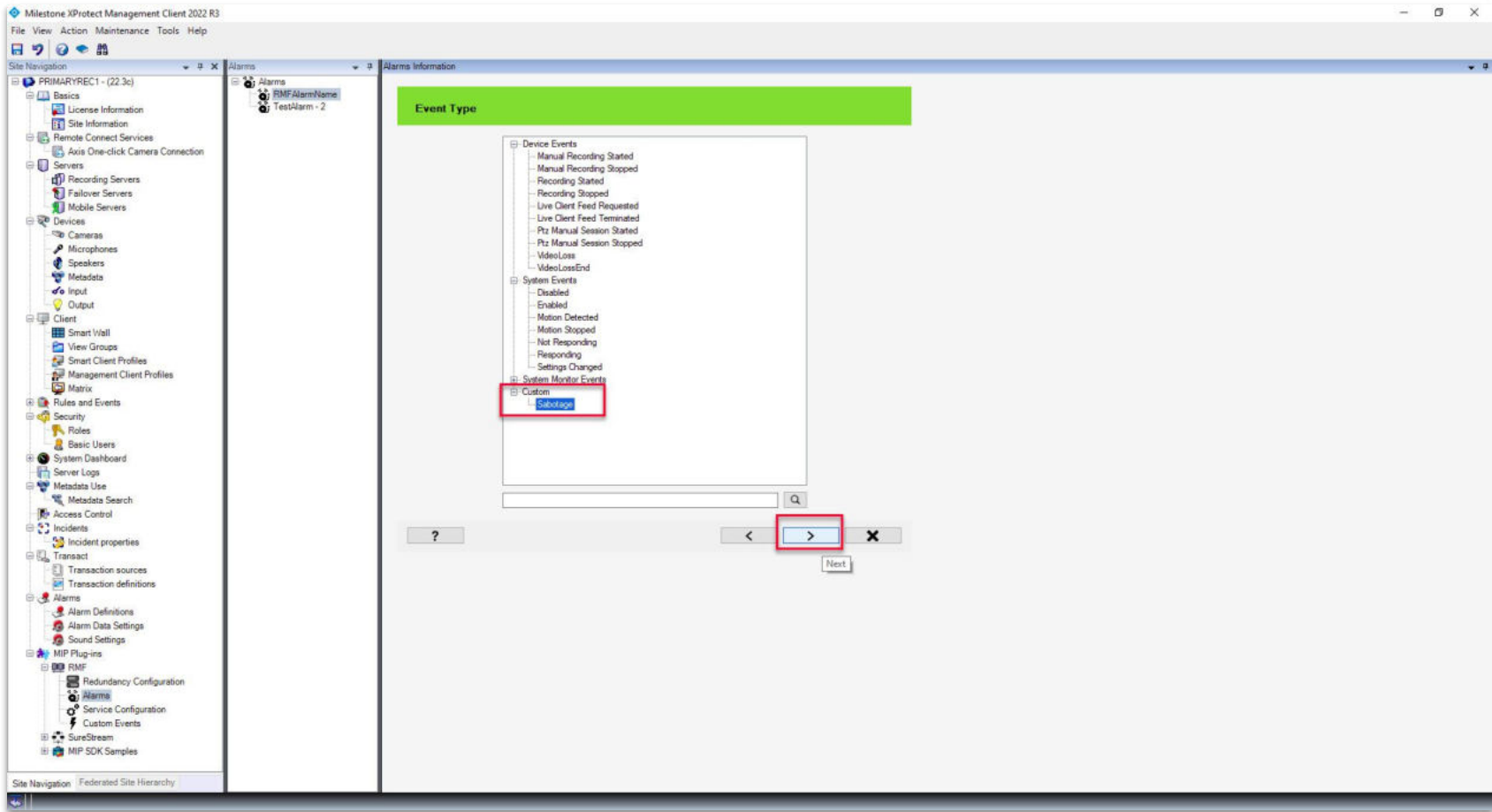
Step 1: Goto Site Navigation → MIP Plugins.
Expand RMF and select Alarms.



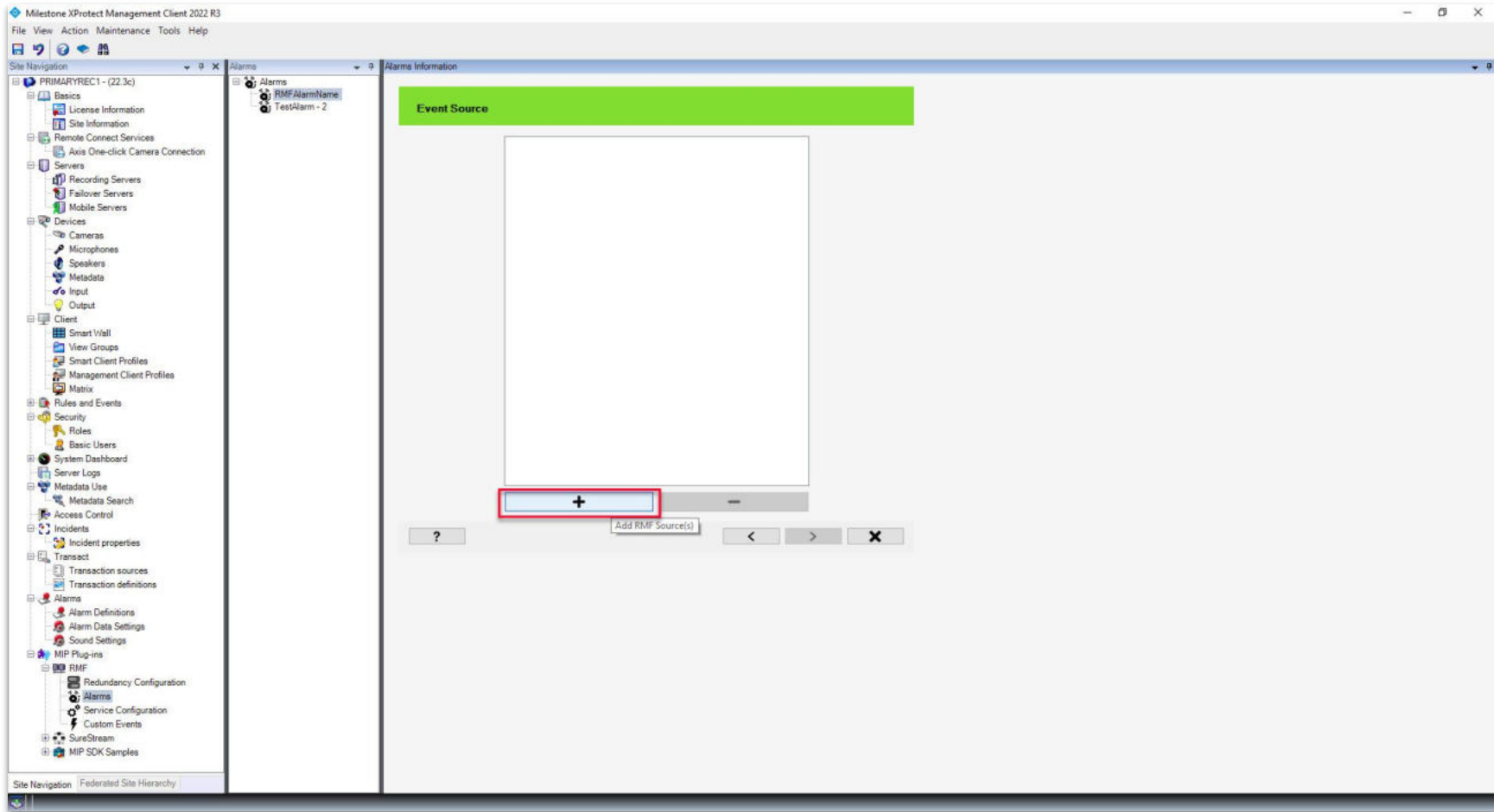
Step 2: Right-click Alarms and click **Add New**.



Step 3: Provide an **Alarm** name and click **Next**.



Step 4: Expand **Custom Event** Type and select the **custom event** defined. Click **Next**.



Step 5: Click **Add RMF Source(s)**, which RMF manages.

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
- Server Logs
- Metadata Use
 - Metadata Search
- Access Control
- Incidents
 - Incident properties
- Transact
 - Transaction sources
 - Transaction definitions
- Alarms
 - Alarm Definitions
 - Alarm Data Settings
 - Sound Settings
- MIP Plug-ins
 - RMF
 - Redundancy Configuration
 - Alarms
 - Service Configuration
 - Custom Events
 - SureStream
 - MIP SDK Samples

Alarms

- RMFAlarmName
- TestAlarm - 2

Alarms Information

Event Source

RMF

- AXIS M3014-N Network Camera (172.16.0.26) - Camera 2
- PNB3-1000000 Network Camera (172.16.0.3) - Camera 2
- AXIS M5013-PTZ Dome Network Camera (172.16.0.4) - Camera 1
- AXIS P3807-PVE Network Camera (172.16.0.26) - Camera 1

?

+

?

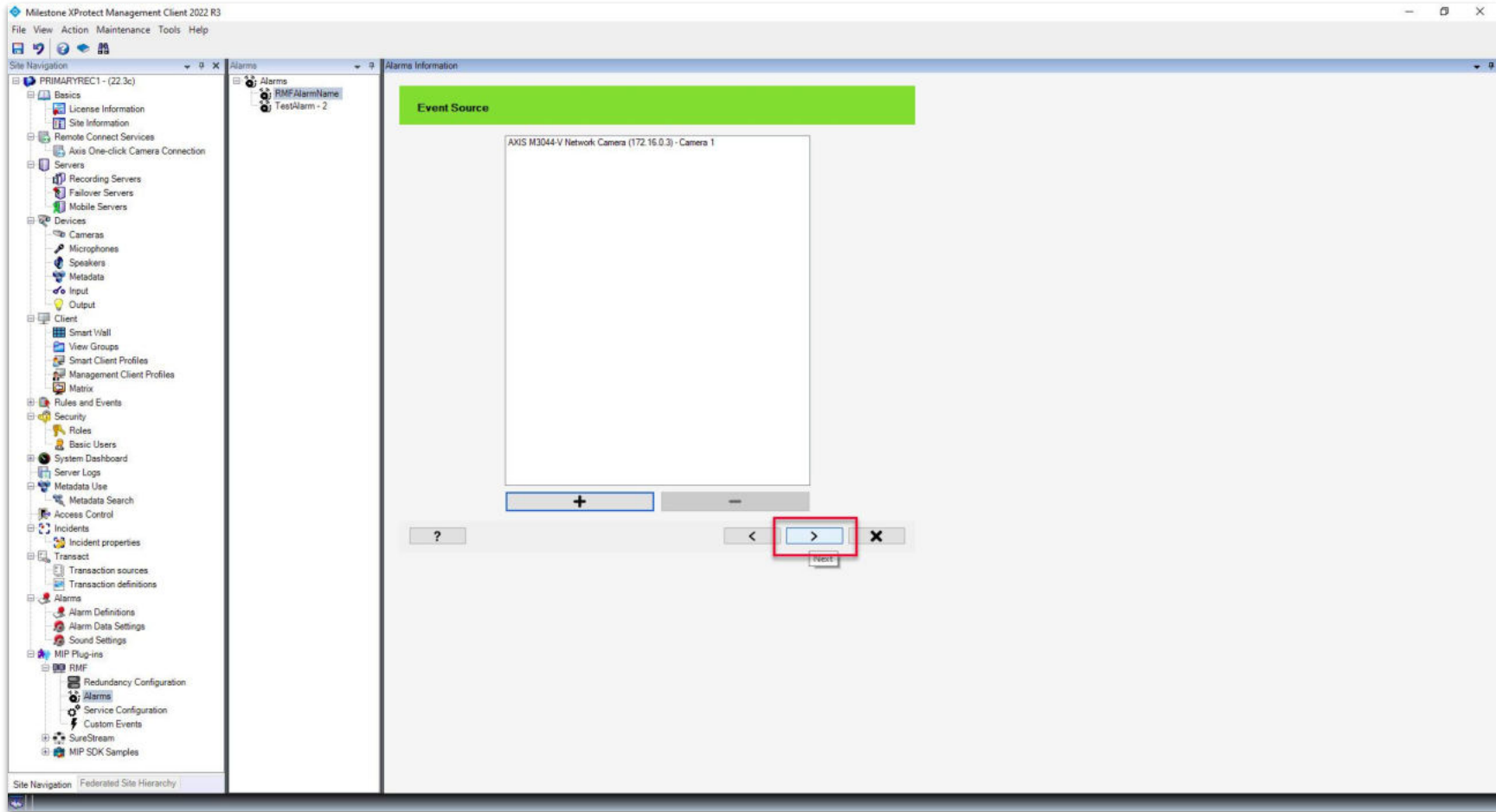
Q

Add all Cameras

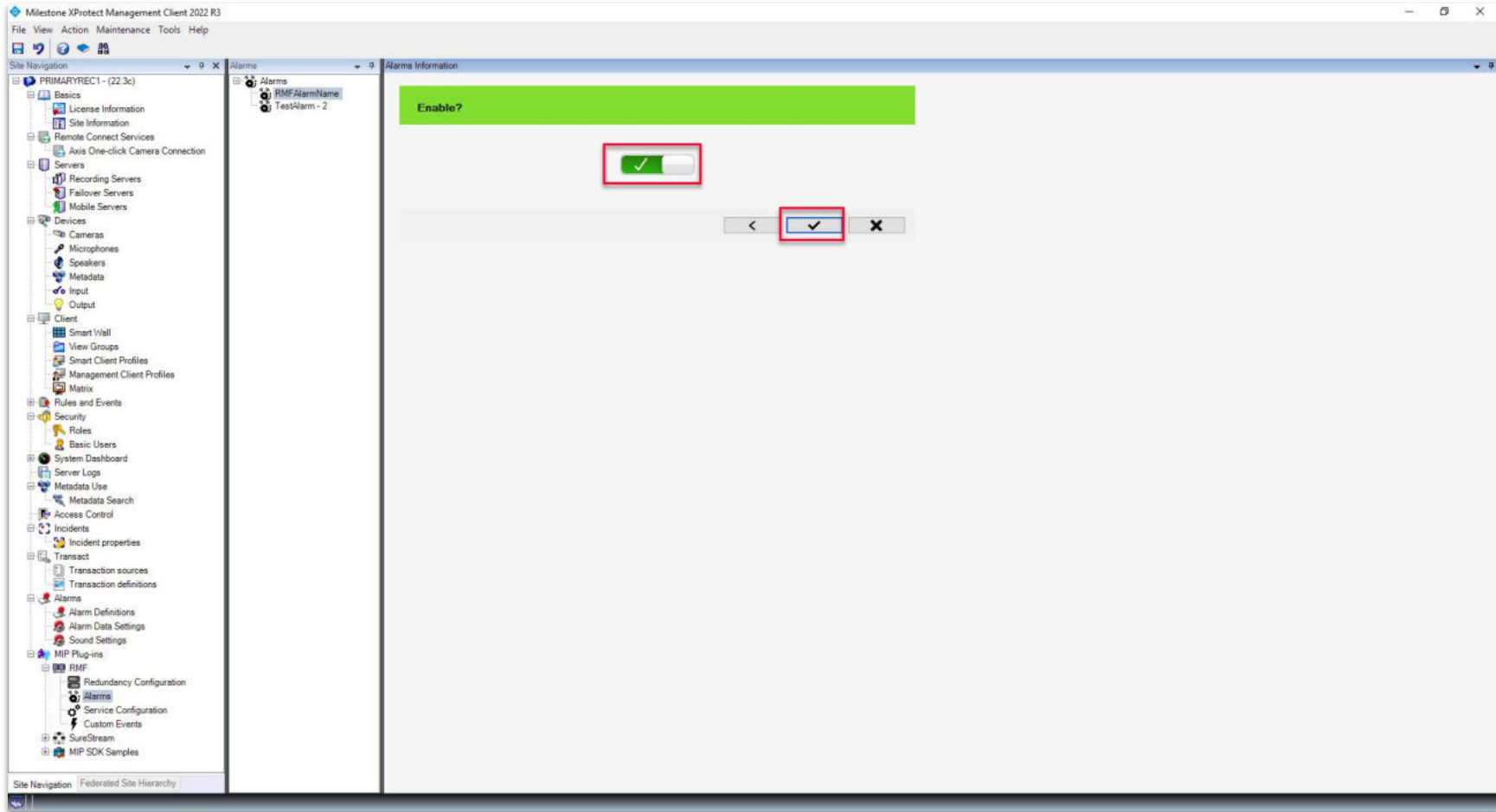
OK

Site Navigation | Federated Site Hierarchy

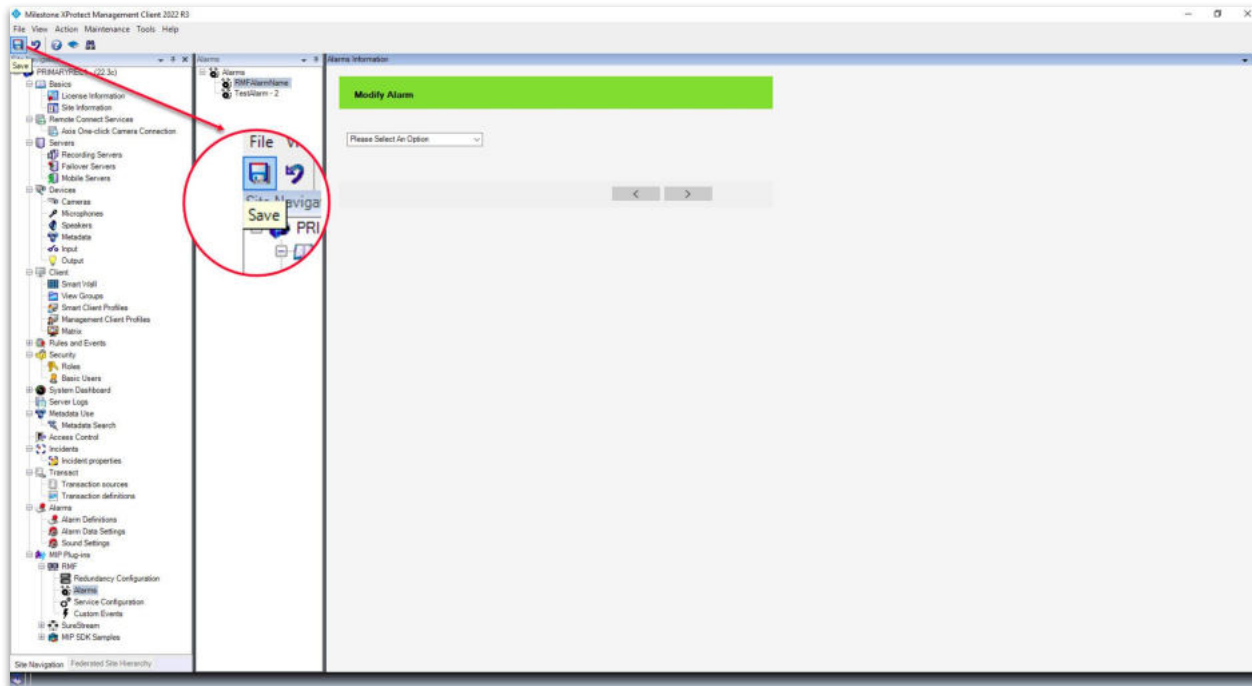
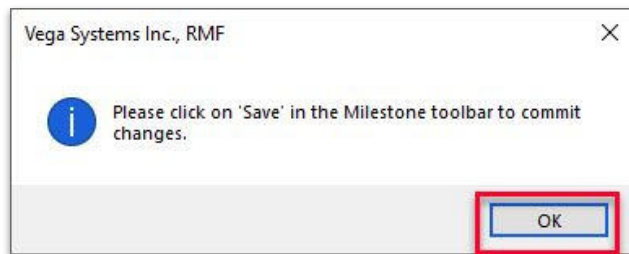
Step 6: Select the camera(s) for which the custom event alarm has to be generated.



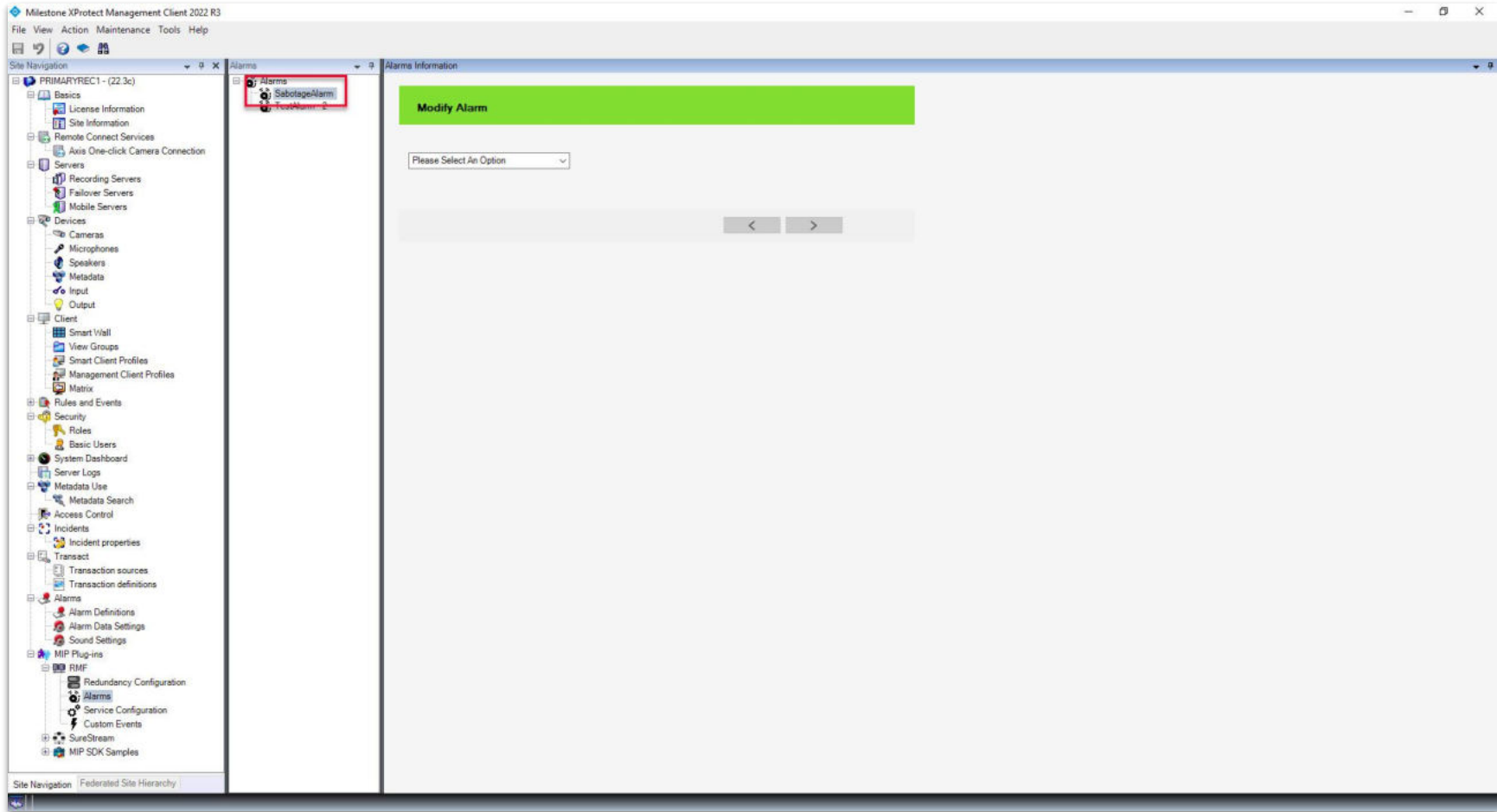
Step 7: Selected camera(s) are listed as shown above. Click **Next**.



Step 8: Enable the alarm created. Click Finish.



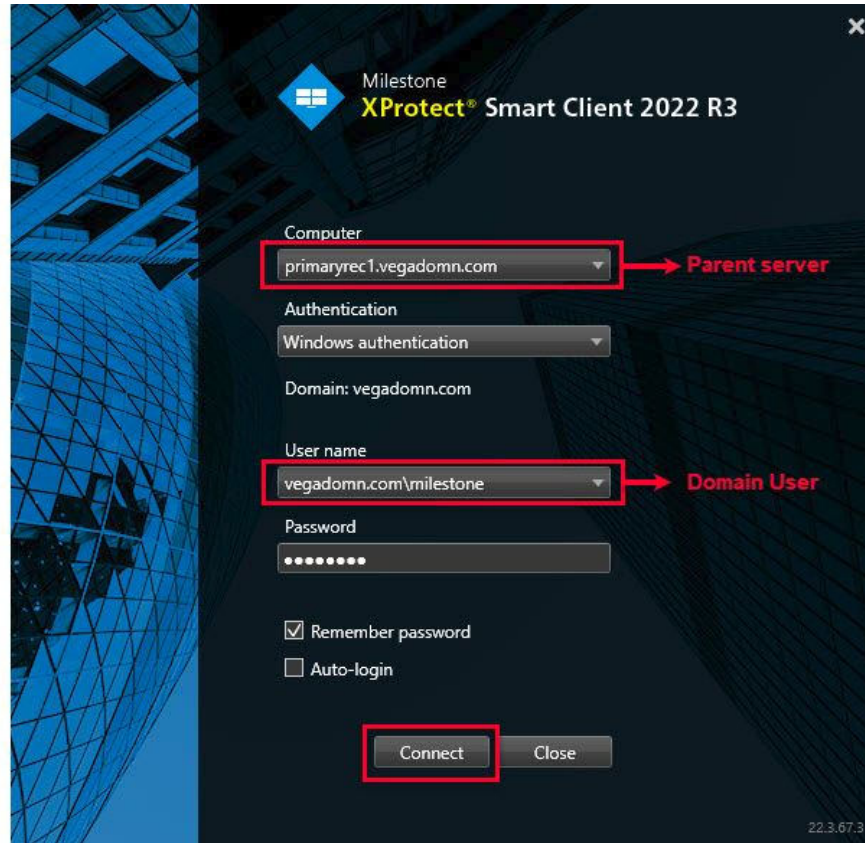
Step 9: Save the created alarm.



Step 10: The alarm is saved.



Part 3: Verify Custom Event Alarm



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

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

Login into Management Server (Non-Federated Deployments)

The screenshot displays the Milestone XProtect Smart Client interface. The top navigation bar includes 'Live', 'Playback', 'Exports', 'Search', 'Alarm Manager' (highlighted with a red box), 'Incidents', 'RMF Bookmark Viewer', and 'System Monitor'. The time is 5:11:13 AM. A notification at the top left reads: '5:07:40 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.milestoneys.com.' The main area shows a video feed from 'AXIS M3044-V Network Camera (172.16.0.3) - Camera 1 - 12/29/2022 5:11:07.703 AM' with a timestamp of '2022-12-29 05:11:07'. Below the video is a timeline with a play button and a time marker at '5:11:07.830 AM'. On the left, there are 'Quick Filters' for 'New (1)', 'In progress (35)', 'On hold (0)', and 'Closed (813)', along with server names 'PRIMARYREC2' and 'PRIMARYREC1'. The 'Alarms' section shows a table with one entry highlighted by a red box and a red circle:

Time	Priority Level	State Level	State Name	Message	Source	Owner	ID
5:11:00 AM 12/29/2022	1	1	New	SabotageAlar	AXIS M3044-V Network Ca		5606

A red circle highlights the details of the alarm: 'SabotageAlar' and 'AXIS M3044-V Net'.

Step 2: Custom Event Alarm is detected and shown in the list.
Note: Only users with access to a camera and the alarm manager will receive an alarm for that camera.