Milesight-Troubleshooting

MIP Milesight Plugin

Camera Version	4x.8.0.1 or above
Milestone XProtect VMS Version	Milestone XProtect Management Client 2020 R2 Milestone XProtect Smart Client 2020 R2 Version: 20.2a
MIP Milesight plugin Version	V1.0.0.0
Update	2020.9.24

Plugin	Version	Download Link
MIP Milesight plugin	V1.0.0.0	https://www.milesight.com/DownloadFile/Software/MIP_Plugin/MIP_Milesight_Plugin_X64_en.zip

Contents

Ⅰ. Introduction.....1

Ⅱ. Milesight Video Content Analysis.....1

Ⅲ. How to Install Plugin.....1

Ⅳ. How to Add Milesight Network Cameras to the Milestone XProtect..... 3

Ⅴ. How to Use Plugin on Management Client..... 9

Ⅵ. How to Use Plugin on Smart Client.....18

Ⅶ. Example.....21

Ⅰ. Introduction

MIP Milesight plugin is a software plugin developed by Milesight for using Milesight VCA on Milestone VMS. It provides you a better experience on security surveillance.
The plugin allows you to configure your Milesight Network Cameras and Milesight VCA from Management Client.
On Smart Client, the plugin allows you to receive the real-time VCA alarms, view the event and alarm details, and search for the triggered VCA alarms and events.

Ⅱ. Milesight Video Content Analysis

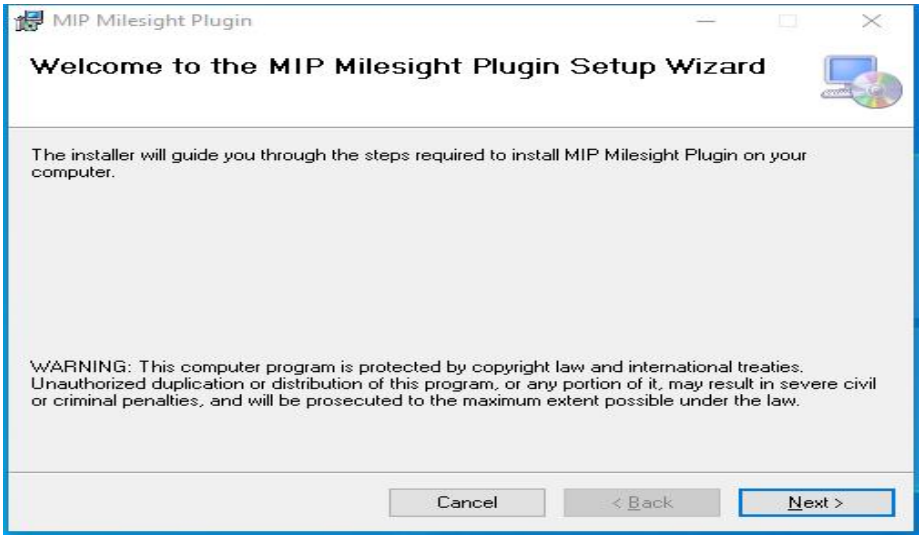
Milesight VCA provides advanced video analysis for Milesight Network Cameras. It enhances the performance of network cameras through 10 detection modes, enabling the comprehensive surveillance function and quicker response of the whole VCA solution to different monitoring scenes. In addition, Milesight Network Cameras support independent function settings for convenient user experience. The Milesight VCA solution ensures that video surveillance is more accurate and cost-effective.

Ⅲ. How to Install Plugin

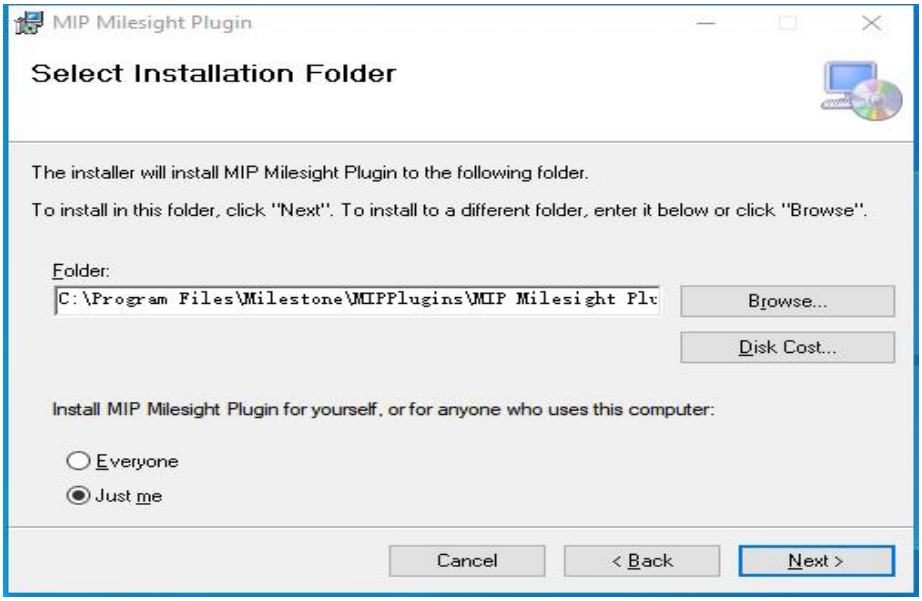
Precondition

Make sure you have stopped Event Server service and Management Server service.

Step1: Double click MIP_Milesight_Plugin_X64_en.msi to enter the welcome page of the Setup Wizard.



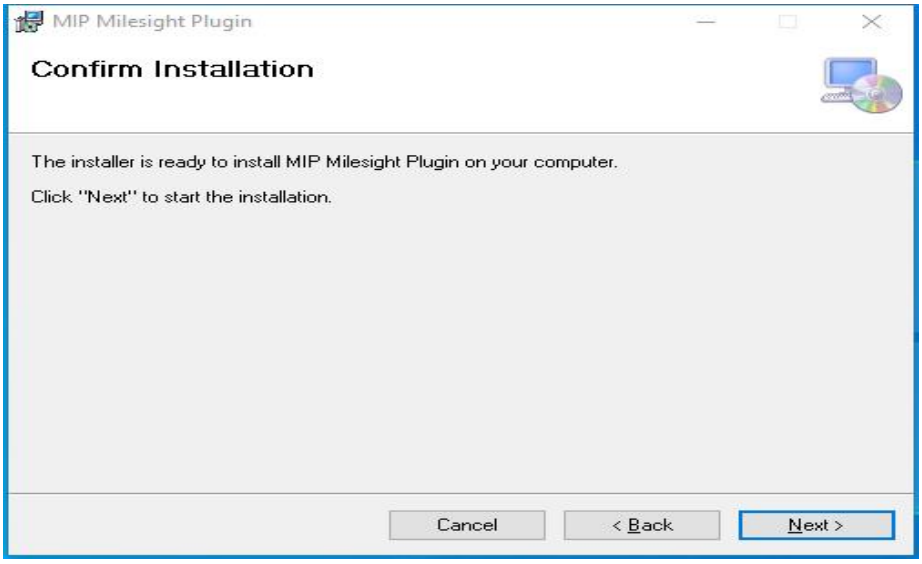
Step2: Click "Next" to select the installation folder.



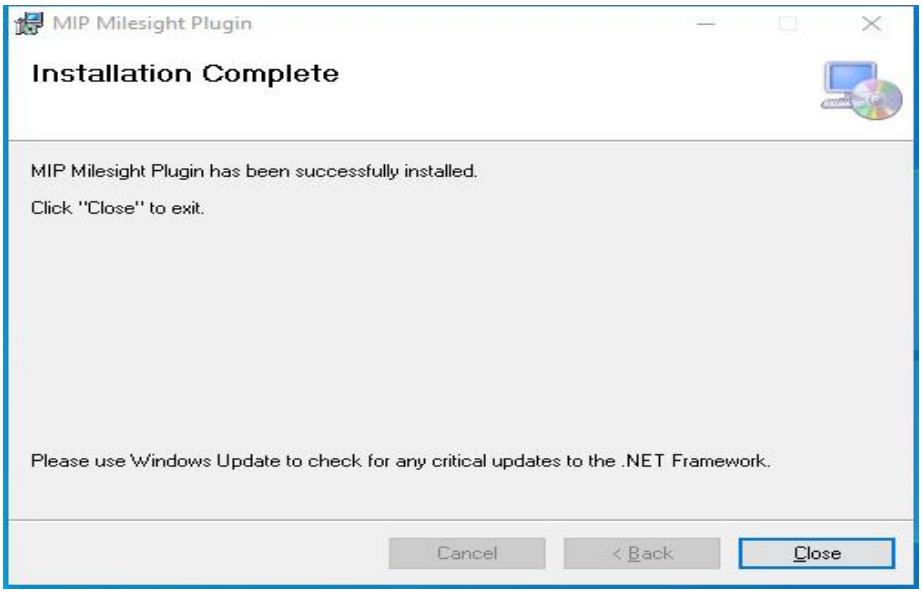
Note:

By default, the plugin is installed in C:\Program Files\Milestone\MIPPlugins\MIP Milesight Plugin\ (It must be on Disk C, and you can set the folder you want.)

Step3: Click "Next" to start the installation.



Step4: The installation complete. Click "Close" to exit.

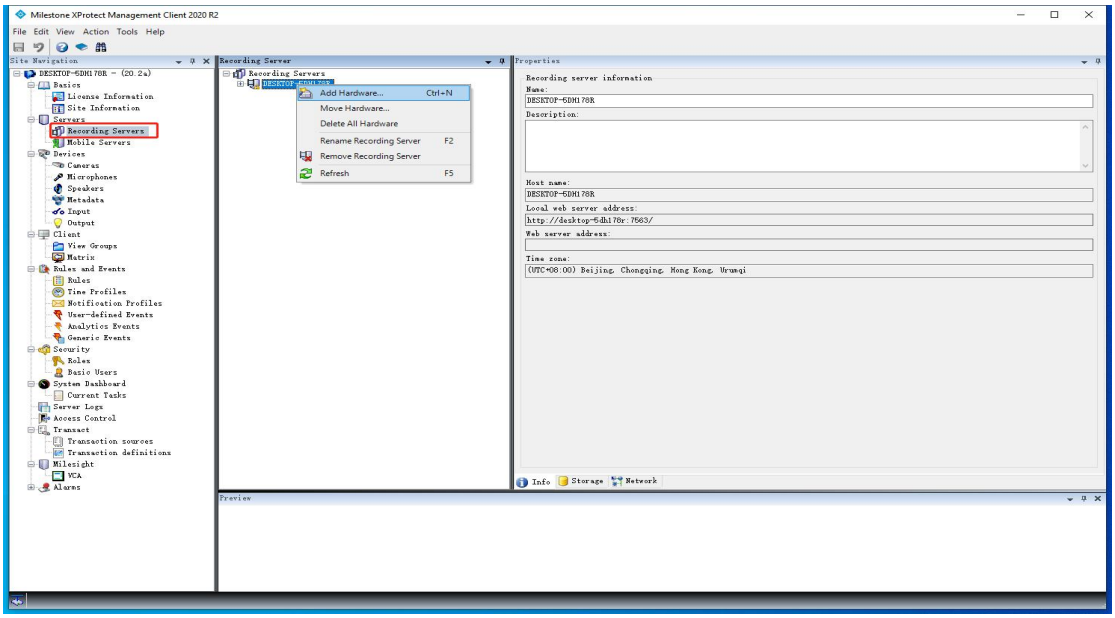


Start Event Server service and Management Server service, then you can use the plugin.

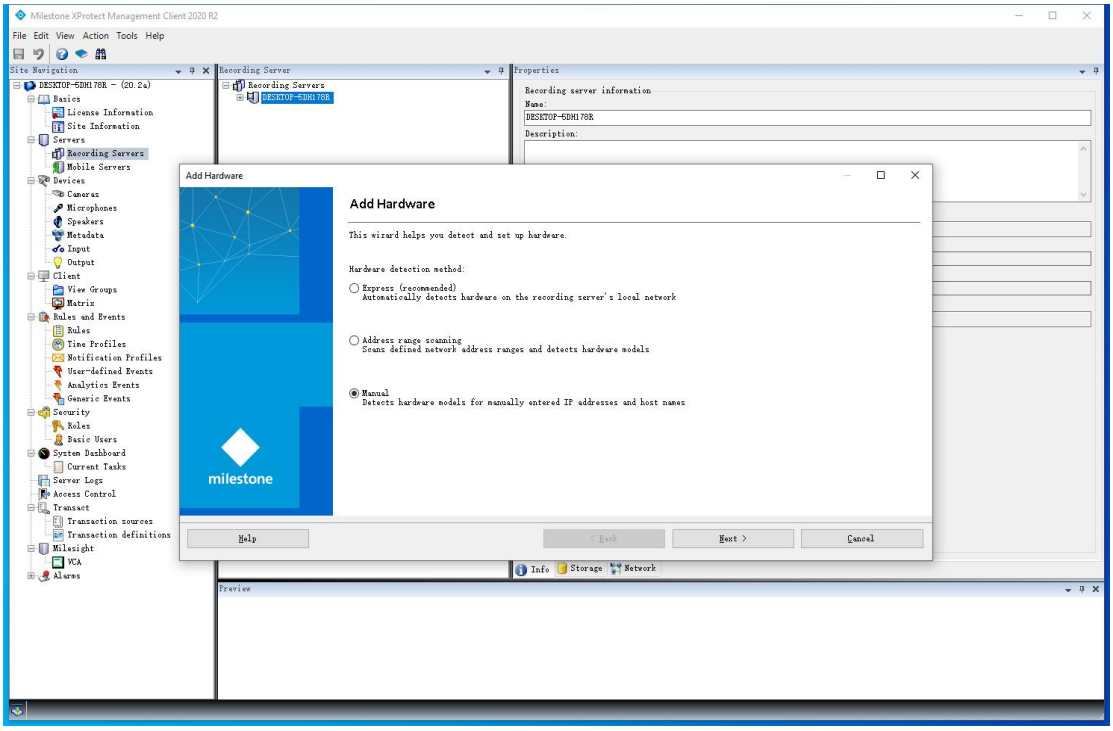
Ⅳ. How to Add Milesight Network Cameras to the Milestone XProtect

Step1: Log in to Milestone XProtect Management Client.

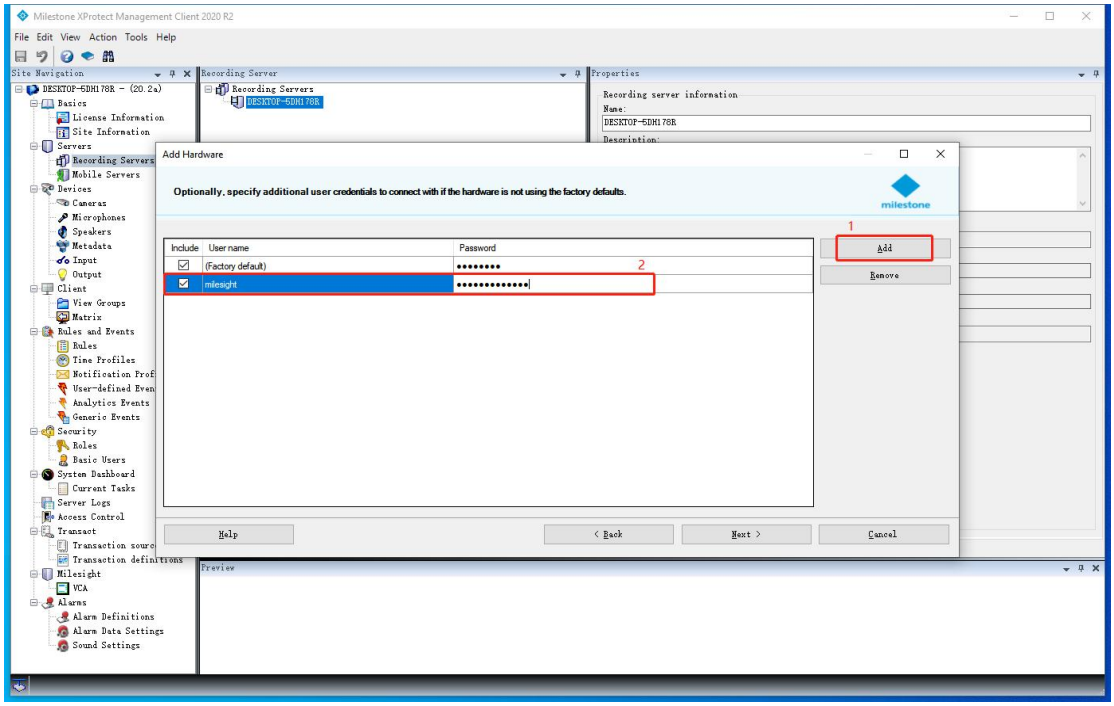
Step2: Click "Servers" -> "Recording Servers" in the Site Navigation panel to show the list of Recording Server. Right click a server and click "Add Hardware..." .



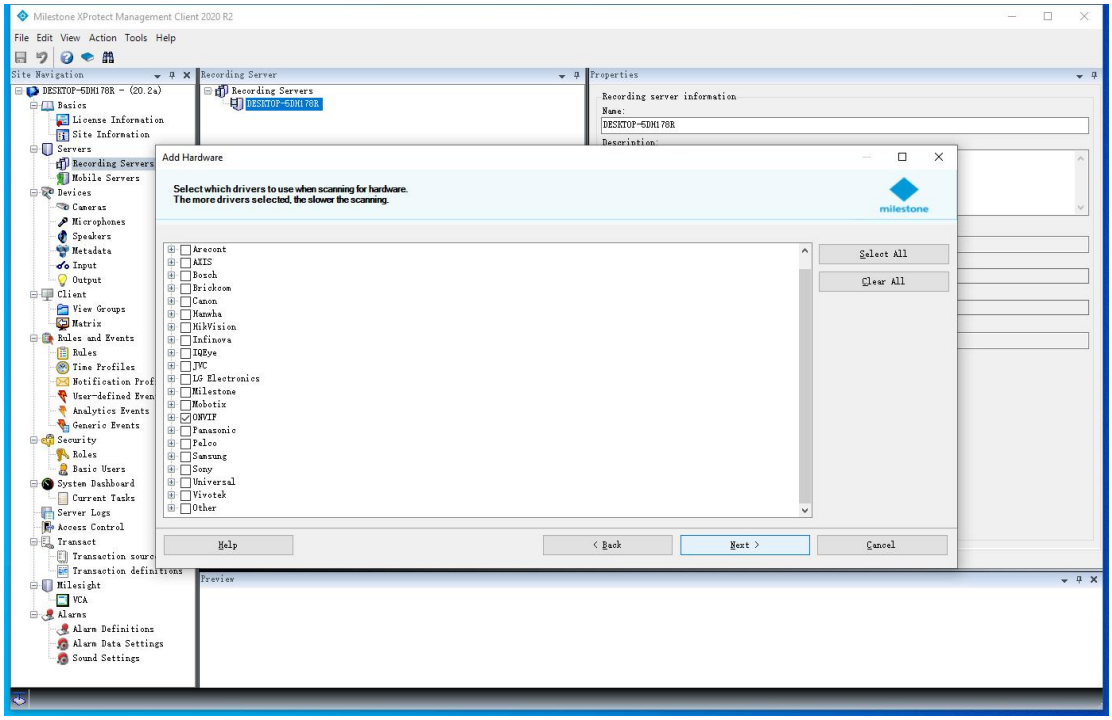
Step3: Select "Manual" and click "Next" .



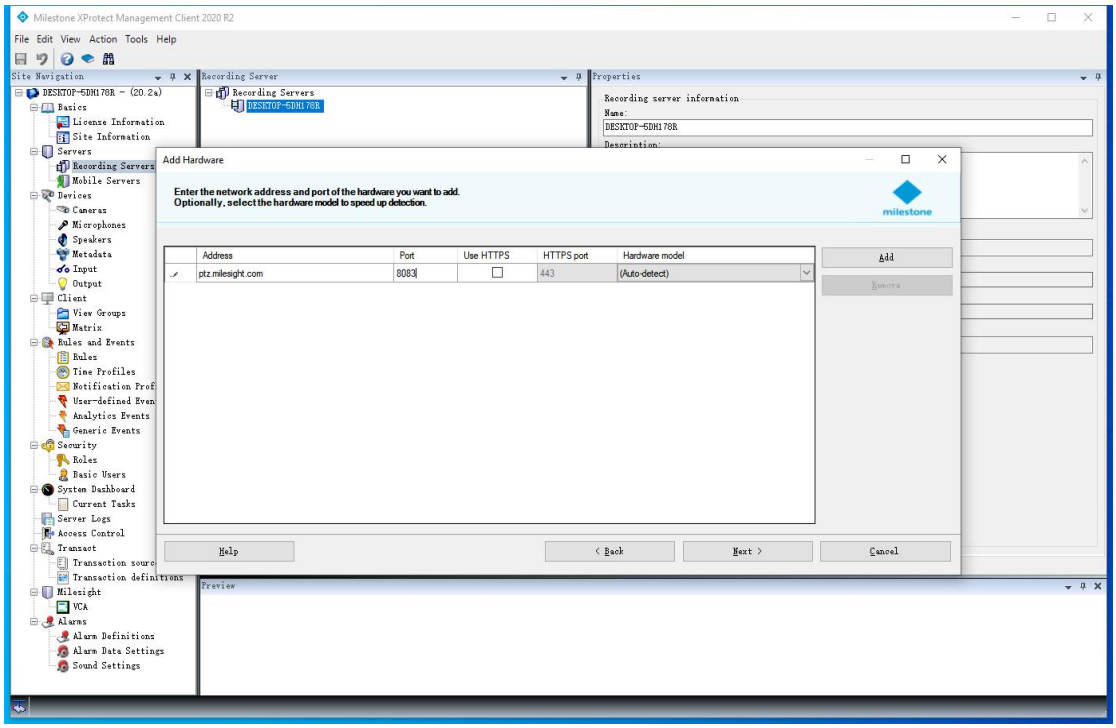
Step4: Click "Add" , input user name and password of the camera, and click "Next" .



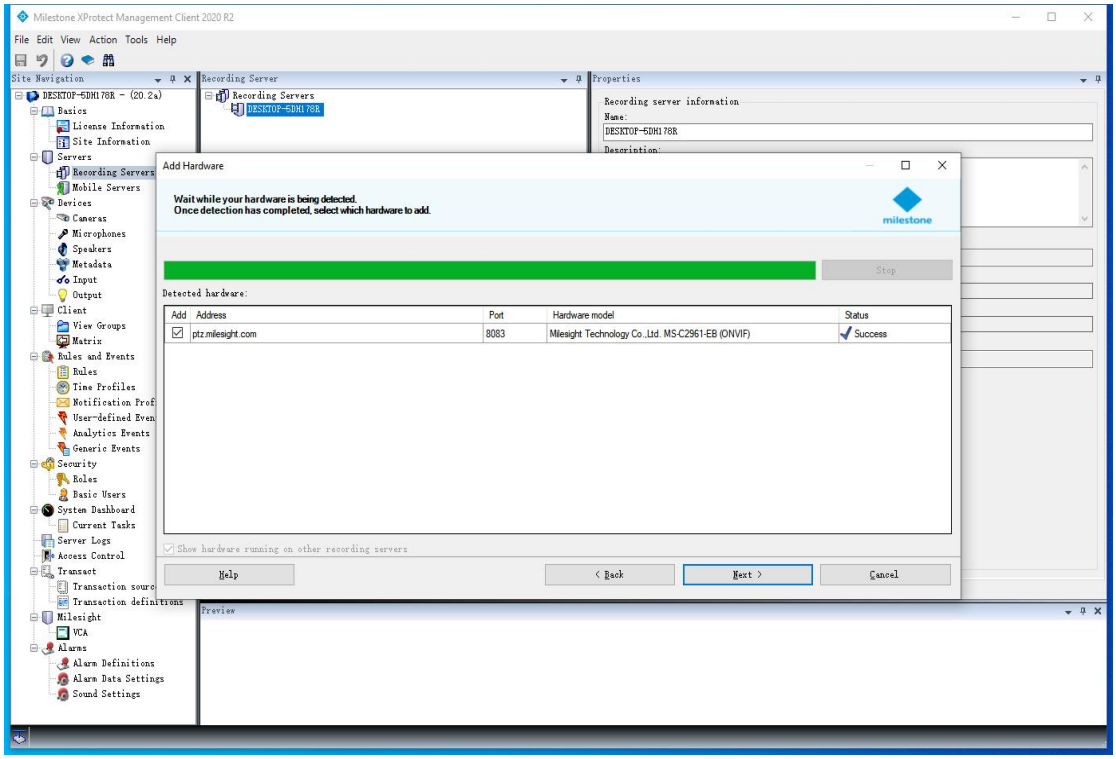
Step5: Select "ONVIF" and click "Next" .



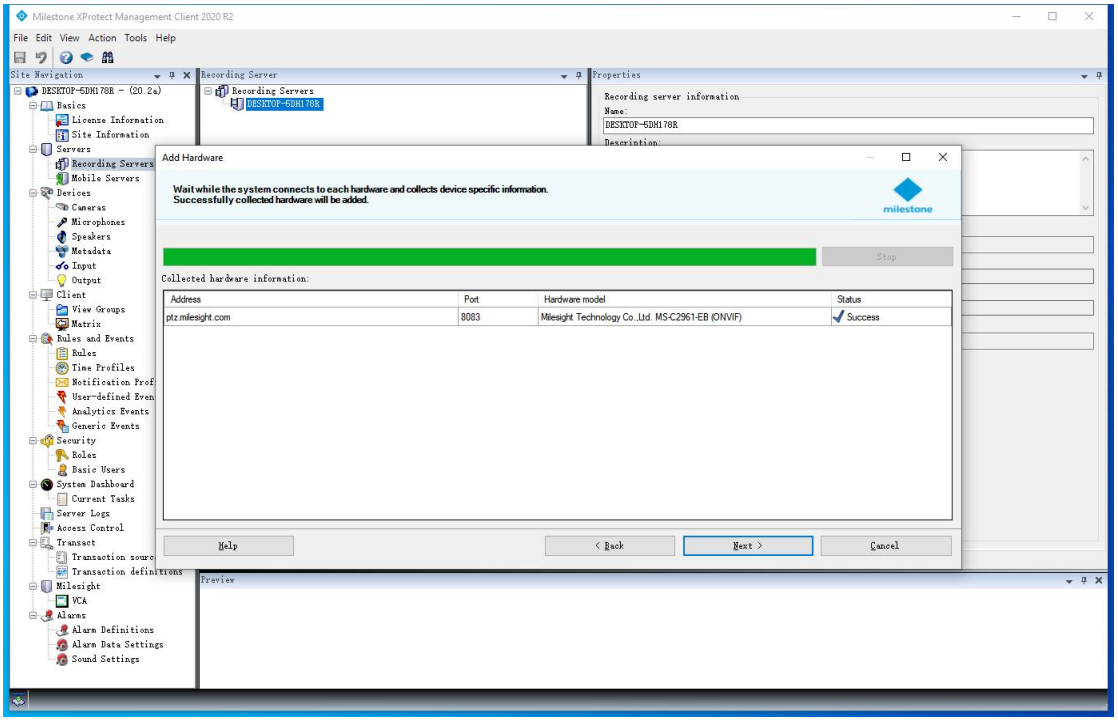
Step6: Input address and port of the camera and click "Next" .



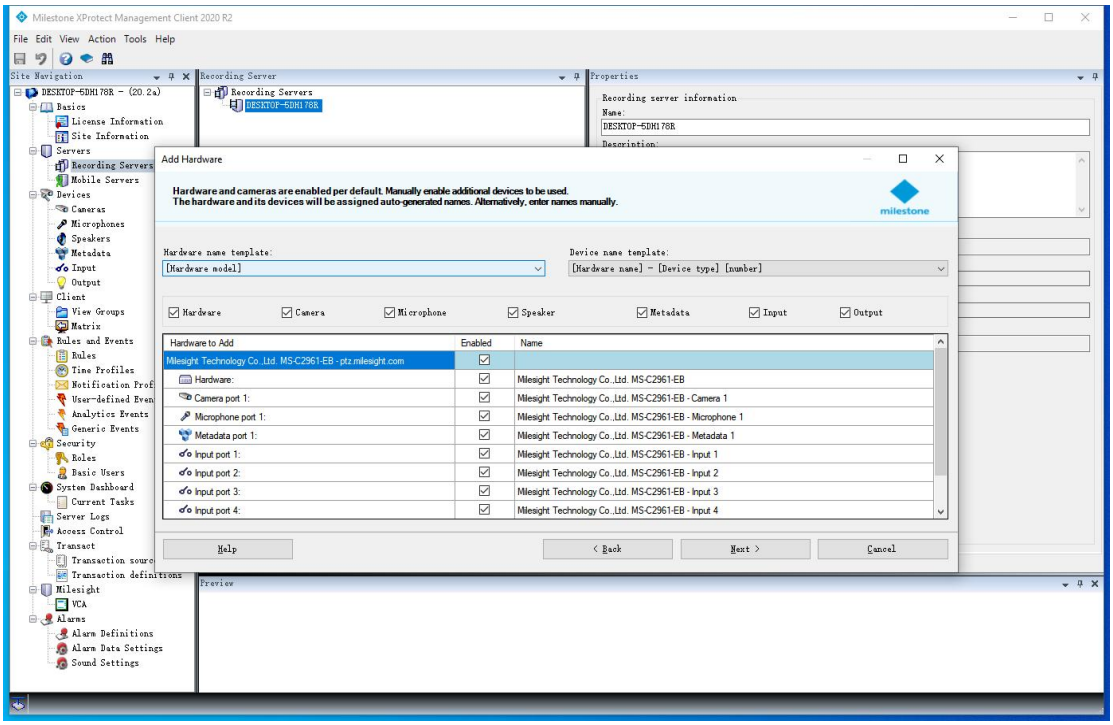
Step7: Select cameras that you want to add and click "Next" .



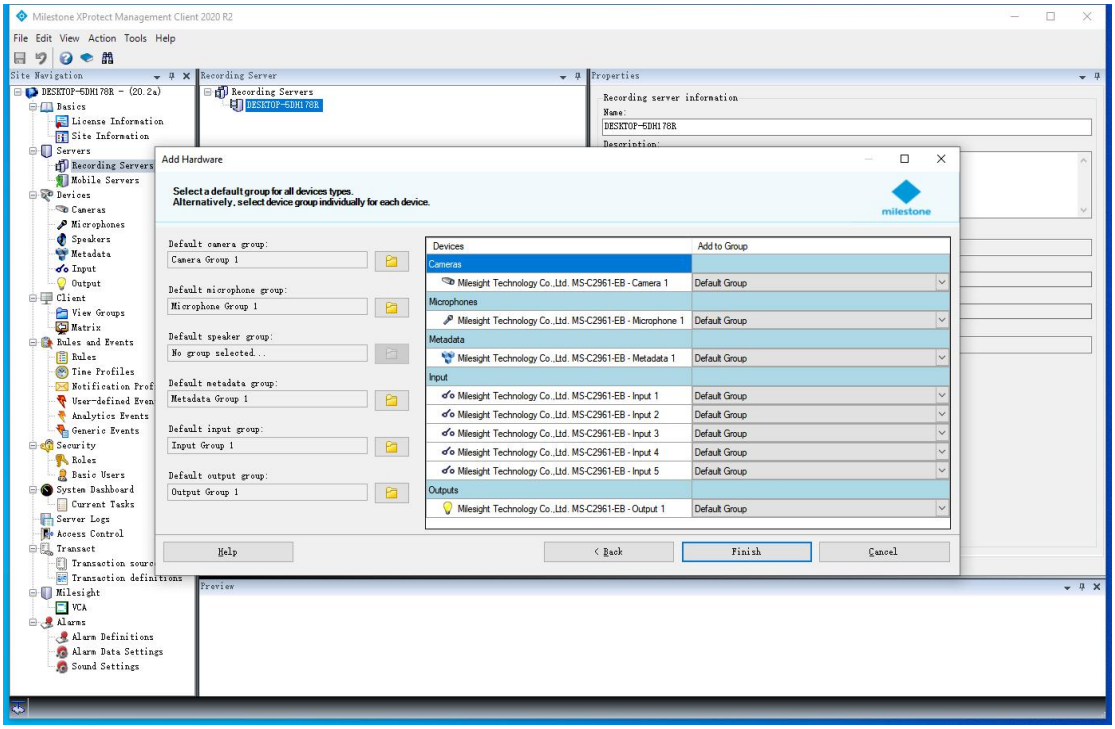
Step8: Click "Next" .



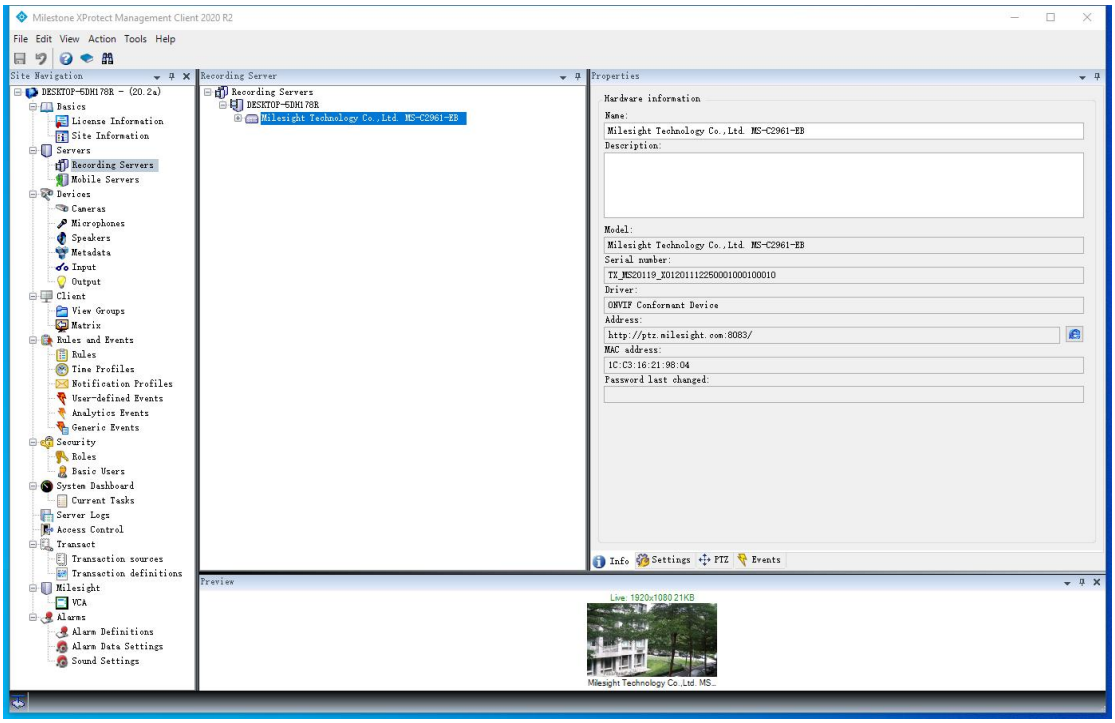
Step9: Select the devices to enable, set the name template, and click "Next" .



Step10: Select a group for each added devices, and click "Finish" .



The added devices will be listed in the recording server list. You can view the properties and preview of the cameras.

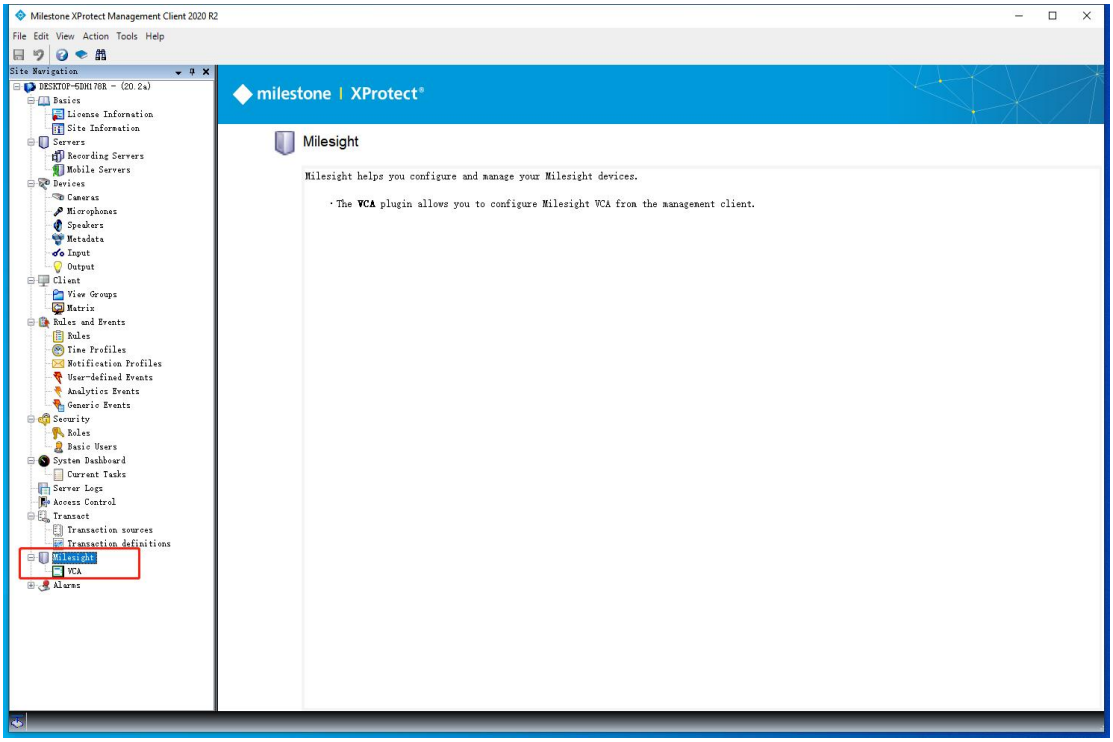


Ⅴ. How to Use Plugin on Management Client

Precondition

Make sure you have added a camera, If not, please add a camera first.

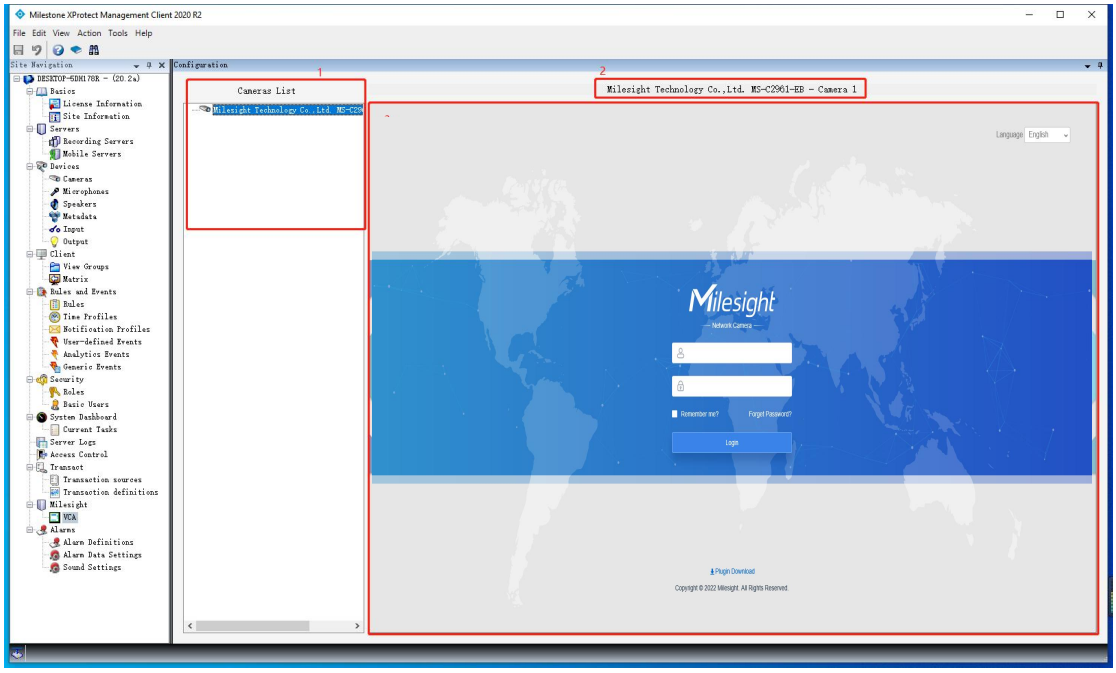
- The plugin is marked in red box. "Milesight" is the instruction about the plugin. "VCA" is the plugin for using VCA.



Note:

You need to click "VCA" after you add or delete cameras, so the plugin can take the updates.

- **Display of the VCA Plugin is as Below:**



- **Interface Description:**

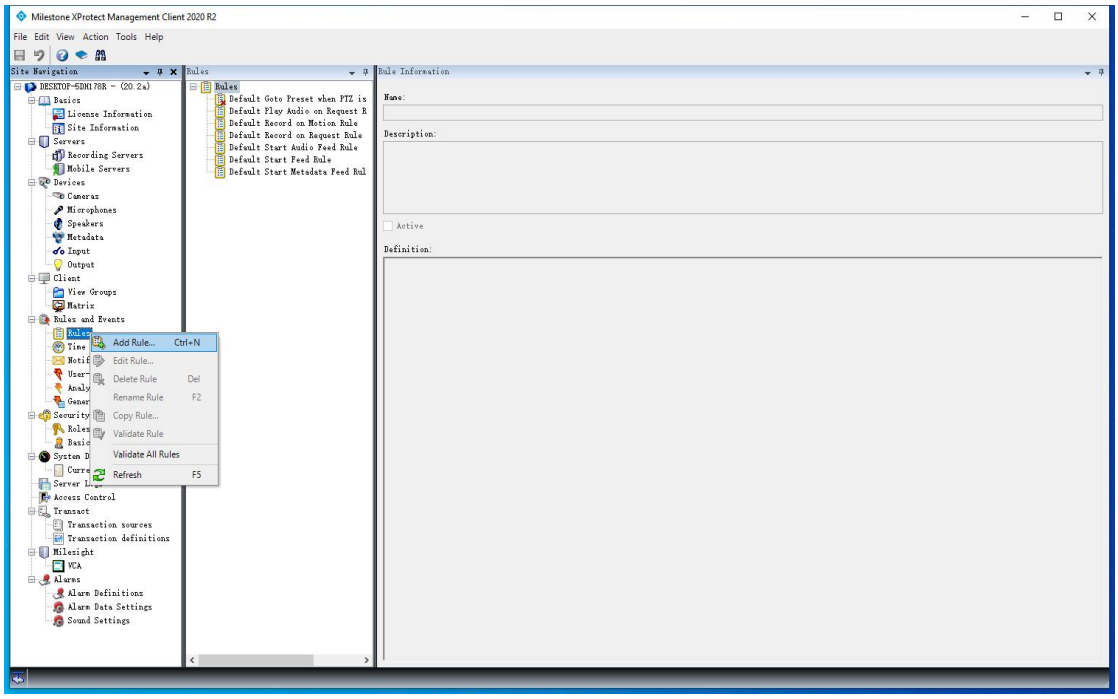
Item	Description
1	Only show the connected Milesight Network Cameras (The Milesight Network Cameras don't show in the following cases: ①. Disconnected ②. Change username and password after connected)
2	Name of selected camera
3	Web of selected camera

How to Set "Rule" and "Alarm" about VCA Event

1. Set "Rule" (Take Advanced Motion Detection for example)

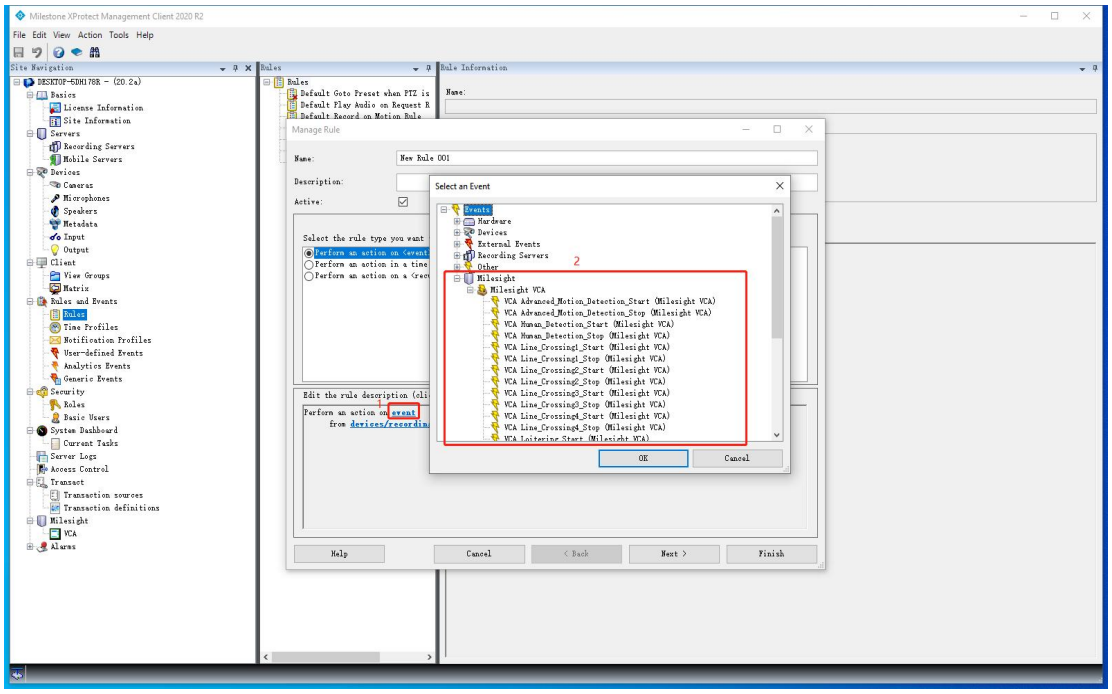
Step1: Right click "Rules and Events" -> "Rules" in the Site Navigation Panel and click

"Add rule..." .

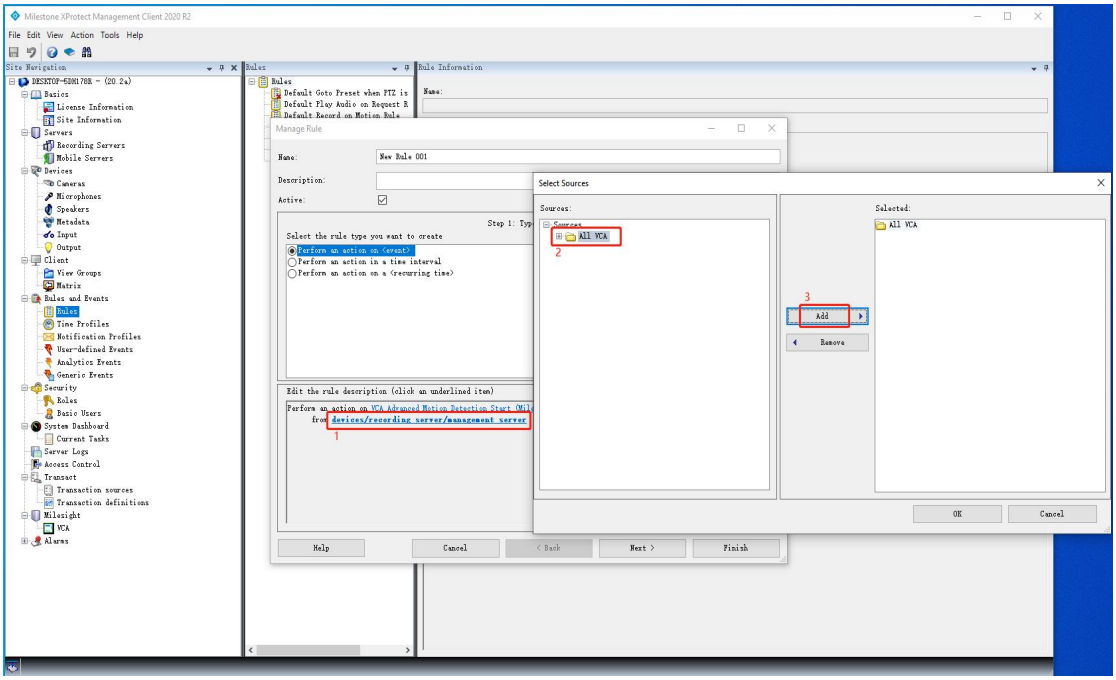


Step2: Set type of rule.

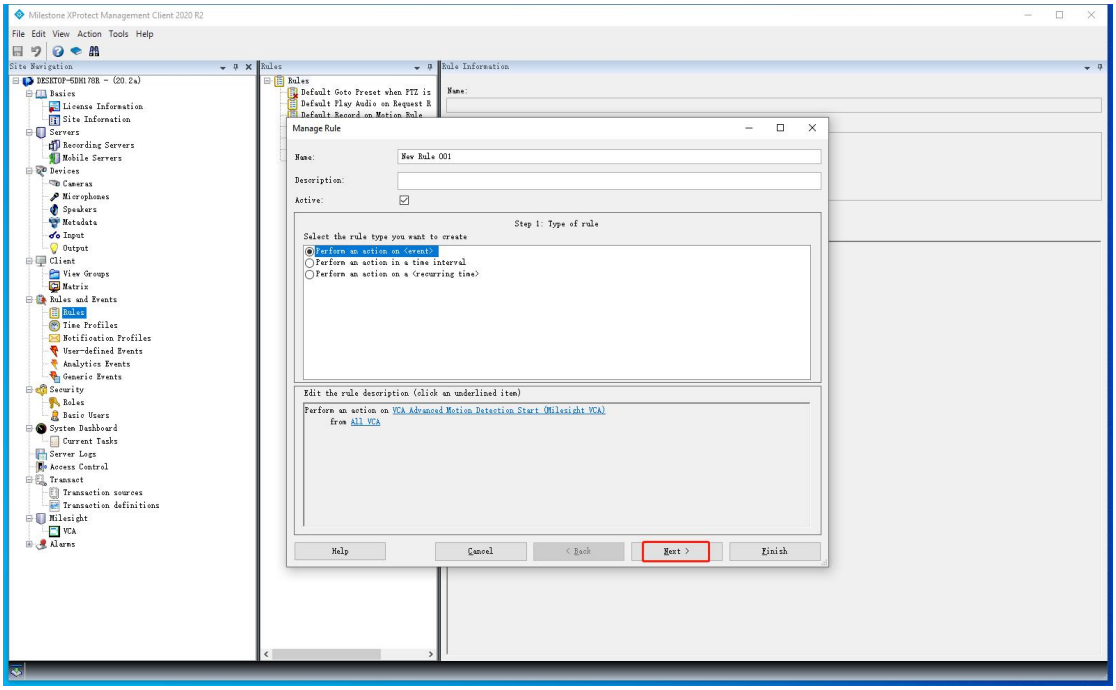
①：Click "event" to open the Select an Event dialog, click "Milesight" --> "Milesight VCA" and select one of VCA events, click "OK" to save selection and close the dialog.



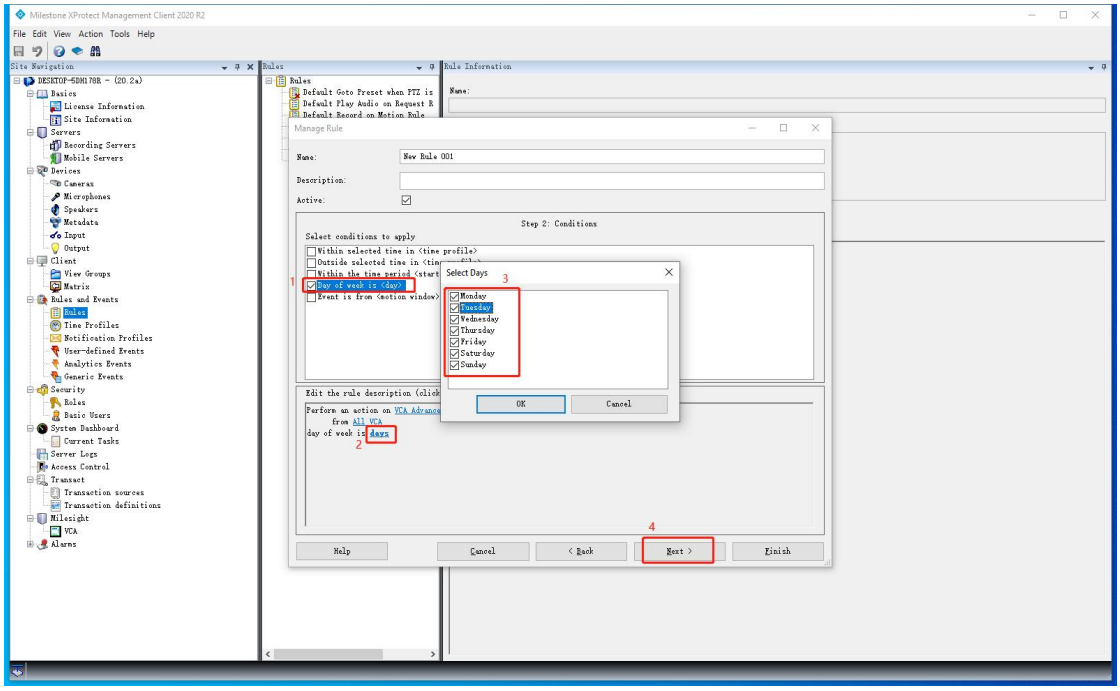
②：Click "devices/recording server/management server" to open the Select Sources dialog, select "All VCA" and click "Add" to add the selected option to the right panel, click "OK" to save the selection and close the dialog.



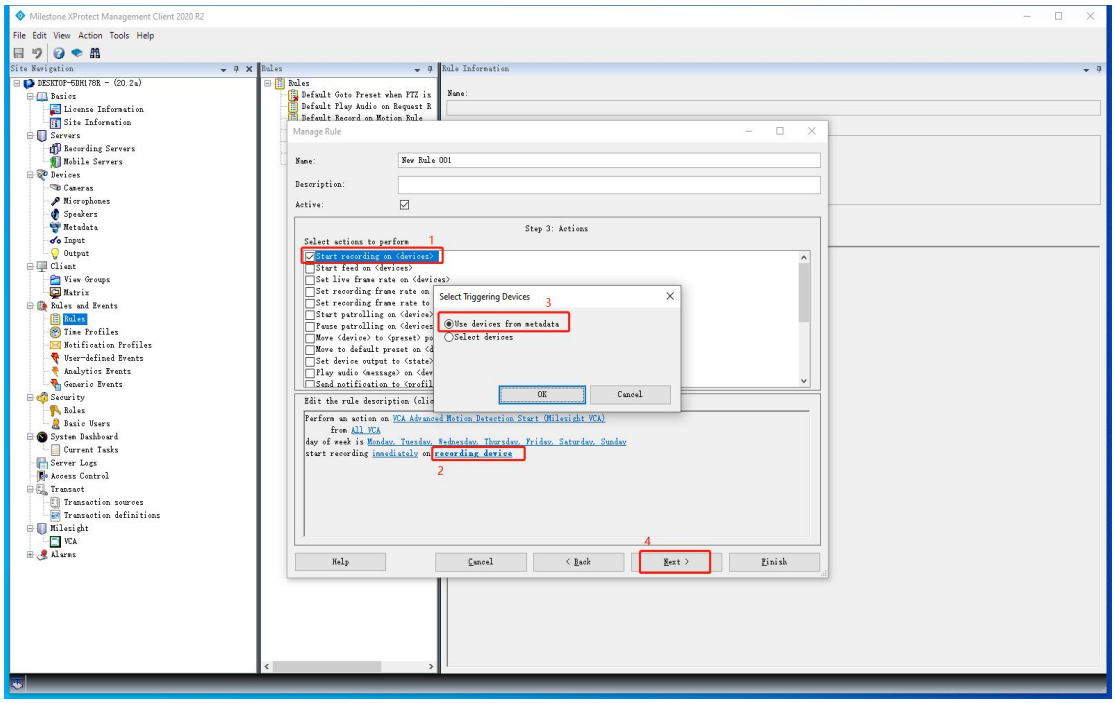
③：Click "Next" .



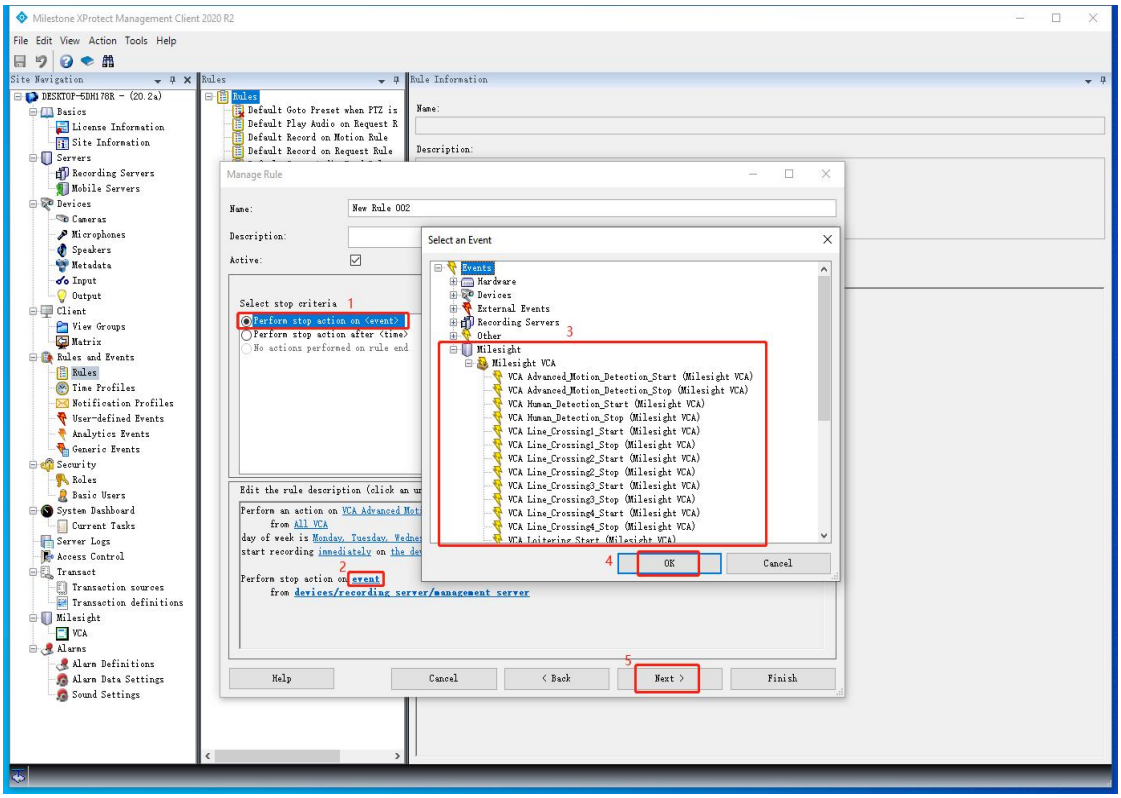
Step3: Set conditions.

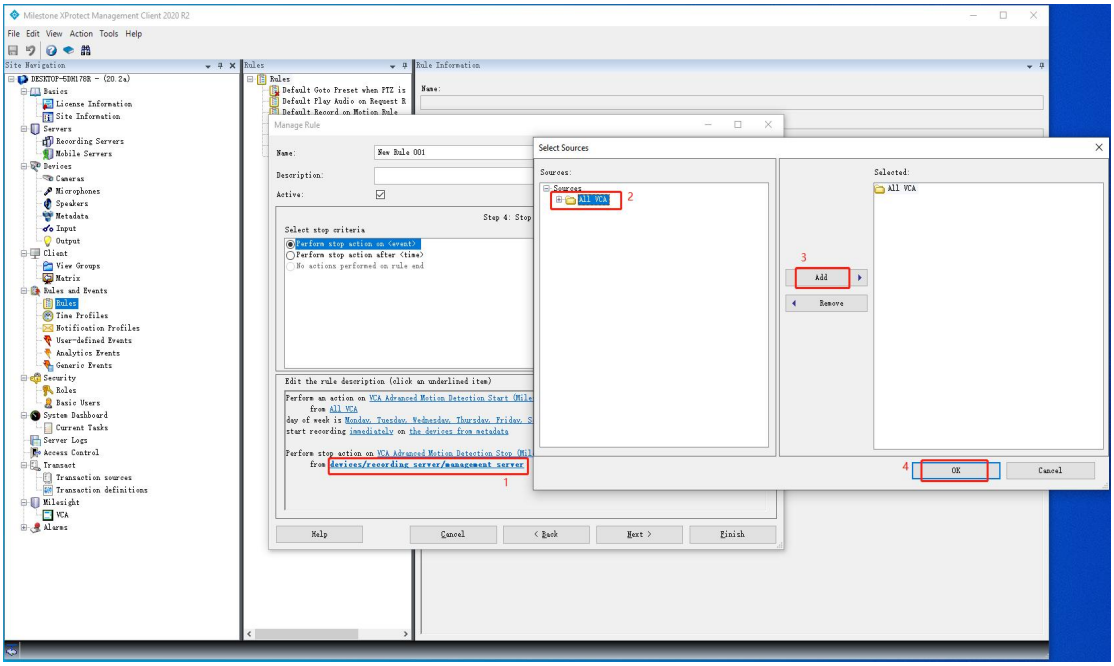


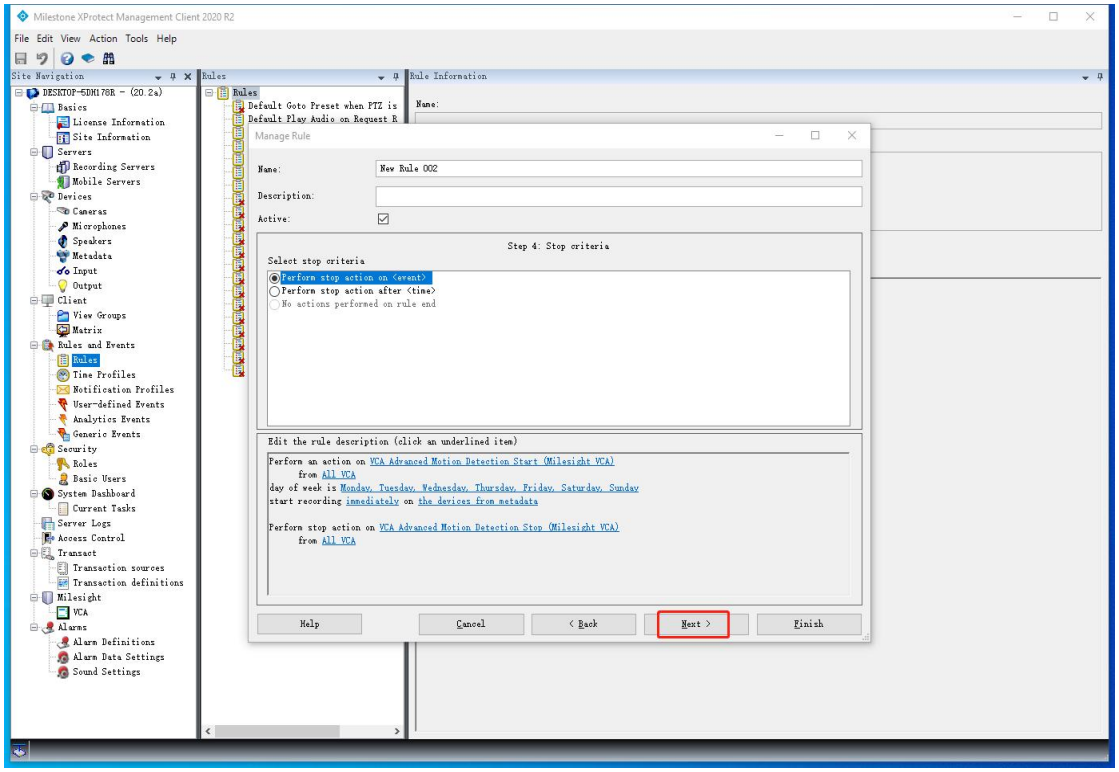
Step4: Set actions.



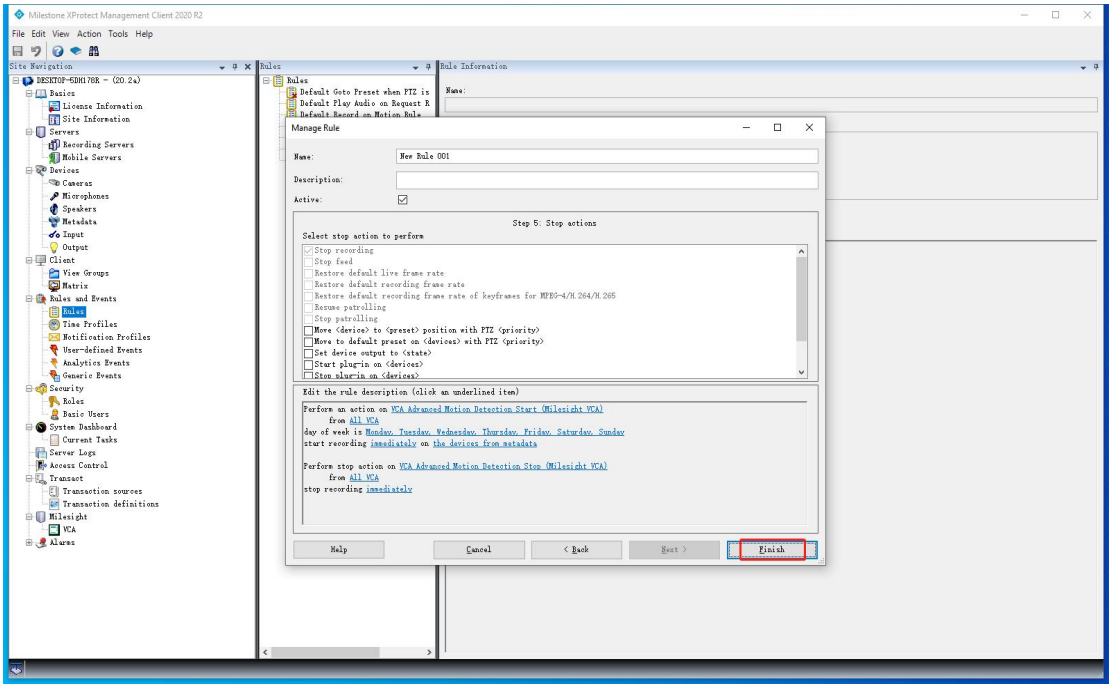
Step5: Set stop criteria.


Milestone XProtect Management Client 2020 R2
File Edit View Action Tools Help
Site Navigation
Rules
Rule Information
Manage Rule
Name: New Rule 002
Description:
Active:
Select stop criteria 1
Perform stop action on <event>
Perform stop action after <time>
No actions performed on rule end
Select an Event
Events
Hardware
Devices
External Events
Recording Servers
Other
Milesight
Milesight VCA
VCA Advanced_Motion_Detection_Start (Milesight VCA)
VCA Advanced_Motion_Detection_Stop (Milesight VCA)
VCA Human_Detection_Start (Milesight VCA)
VCA Human_Detection_Stop (Milesight VCA)
VCA Line_Crossing1_Start (Milesight VCA)
VCA Line_Crossing1_Stop (Milesight VCA)
VCA Line_Crossing2_Start (Milesight VCA)
VCA Line_Crossing2_Stop (Milesight VCA)
VCA Line_Crossing3_Start (Milesight VCA)
VCA Line_Crossing3_Stop (Milesight VCA)
VCA Line_Crossing4_Start (Milesight VCA)
VCA Line_Crossing4_Stop (Milesight VCA)
OK
Cancel
Edit the rule description (click an u
Perform an action on VCA Advanced Mot
from All VCA
day of week is Monday, Tuesday, Wedne
start recording immediately on the de
Perform stop action on event
from devices/recording server/management server
Help
Cancel
< Back
Next >
Finish


Milestone XProtect Management Client 2020 R2
Manage Rule
Name: New Rule 001
Description:
Active:
Select stop criteria
Perform stop action on <event>
Perform stop action after <time>
No actions performed on rule end
Select Sources
Sources:
All VCA
Selected:
Add
Remove
OK
Cancel
Edit the rule description (click an underlined item)
Perform an action on VCA Advanced Motion Detection Start (Mile
from All VCA
day of week is Monday, Tuesday, Wednesday, Thursday, Friday, S
start recording immediately on the devices from metadata
Perform stop action on VCA Advanced Motion Detection Stop (Mil
from devices/recording server/management server
Help
Cancel
< Back
Next >
Finish

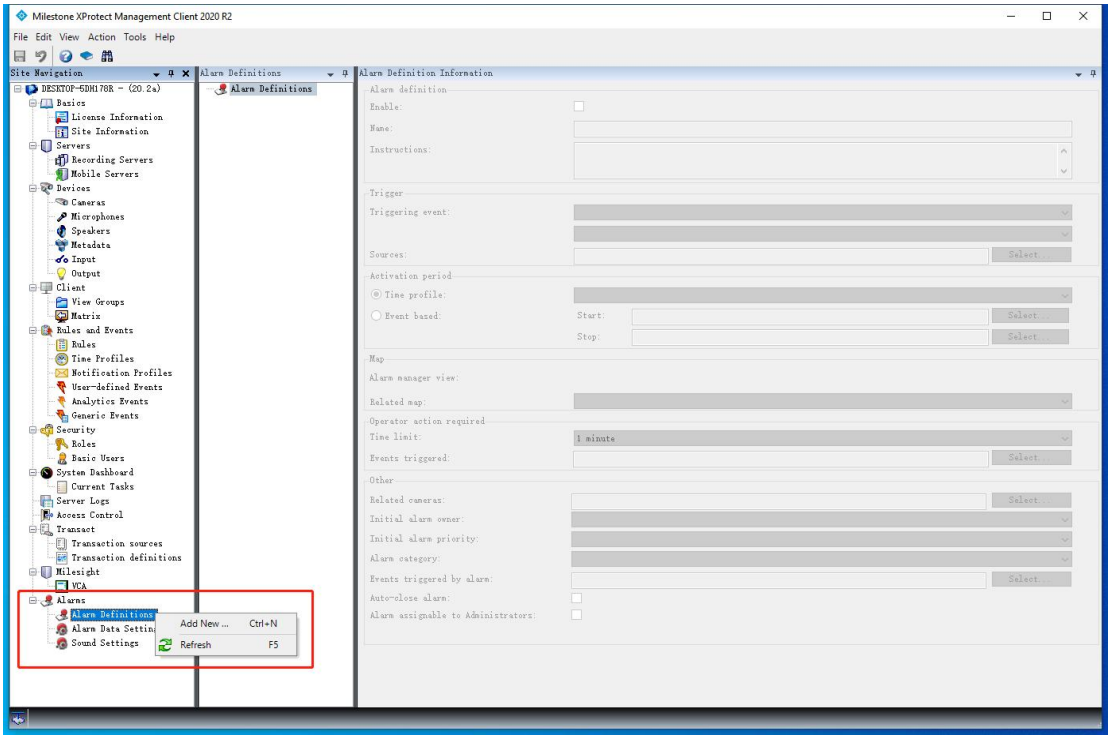


Step6: Set stop actions. After all is done, click "Finish" .

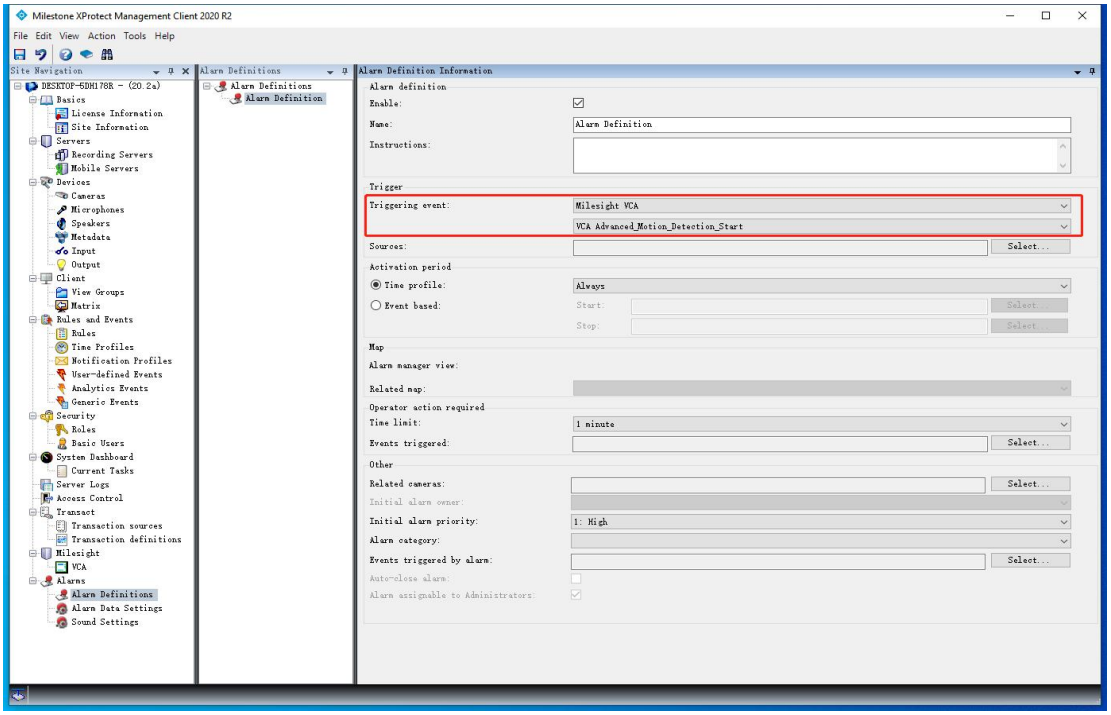


2. Set "Alarm Definitions"

Step1: Right click "Alarms" -> "Alarm Definitions" , click "Add New..." .

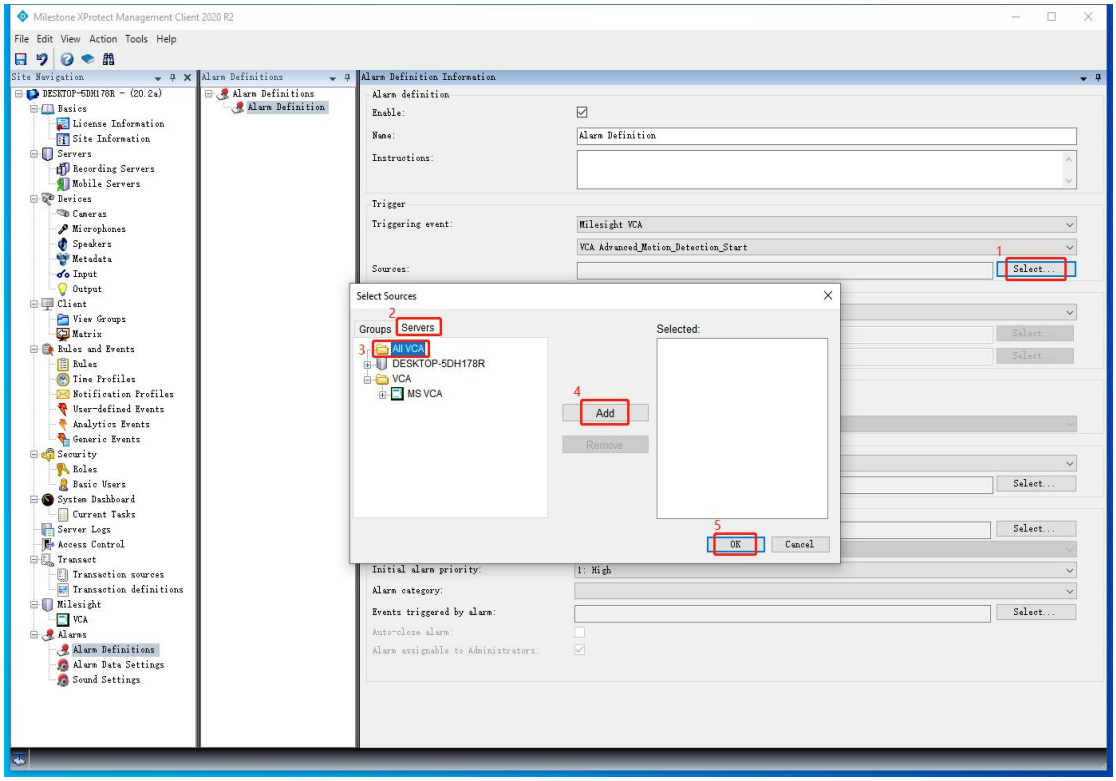


Step2: Select "Milesight VCA" and one of VCA events in the "Triggering event" field.

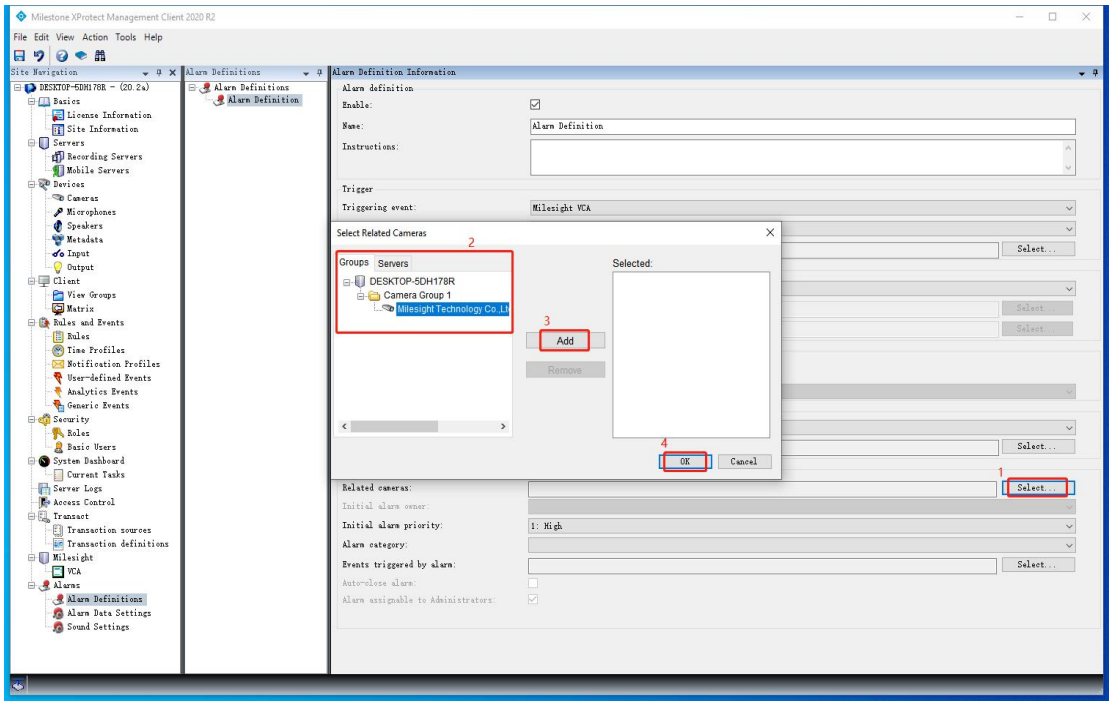


Step3: Click "select..." to open the Select Sources dialog, select "All VCA" or "MS VCA"

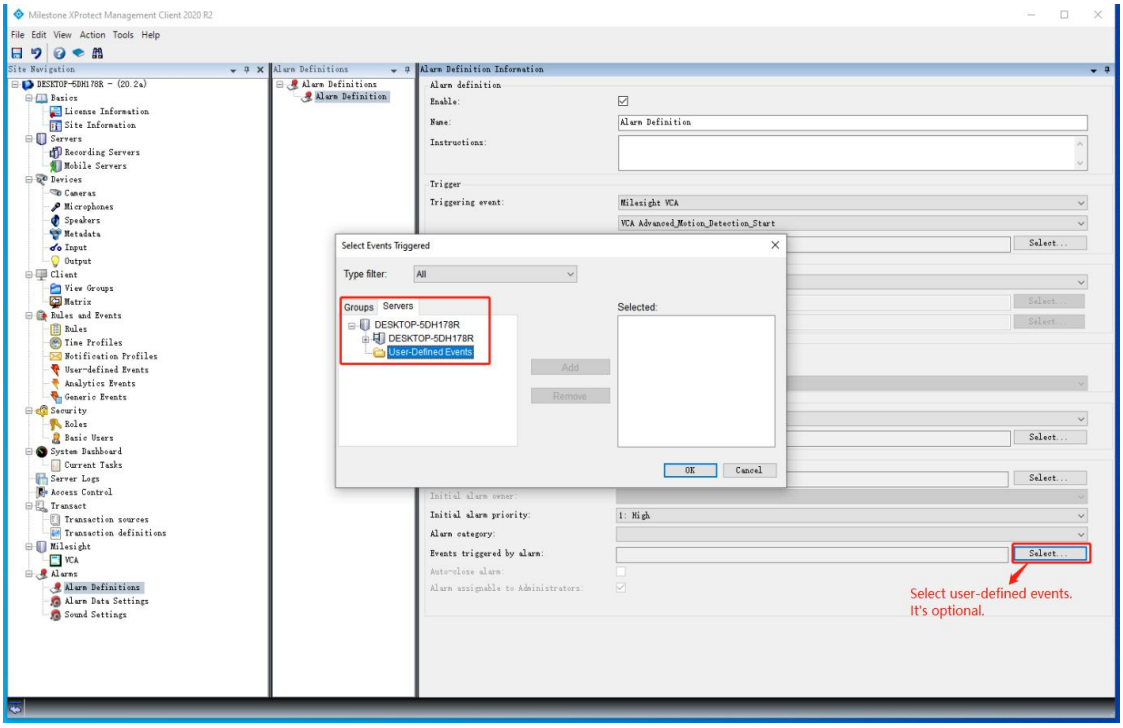
and click "Add" to add the selected option to the right panel, click "OK" to save the selection and close the dialog.



Step4: Click "select..." to open the Select Related Cameras dialog, select an added camera in the list and click "Add" to add the selected camera to the right panel, click "OK" to save the selection and close the dialog.



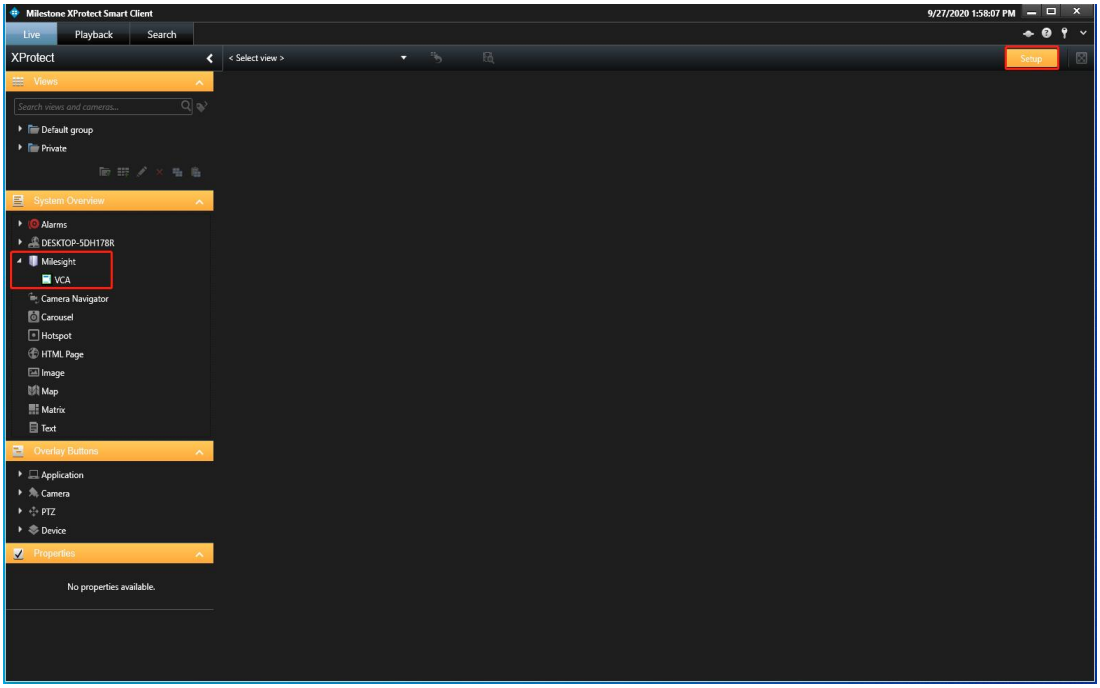
Step5:(Optional): Click "select..." to open the Select Events Triggered dialog, select "User-Defined Events" and click "Add" to add the selected option to the right panel, click "OK" to save the selection and close the dialog.



Step6: Click " " at the top of the Site Navigation panel to save the settings.

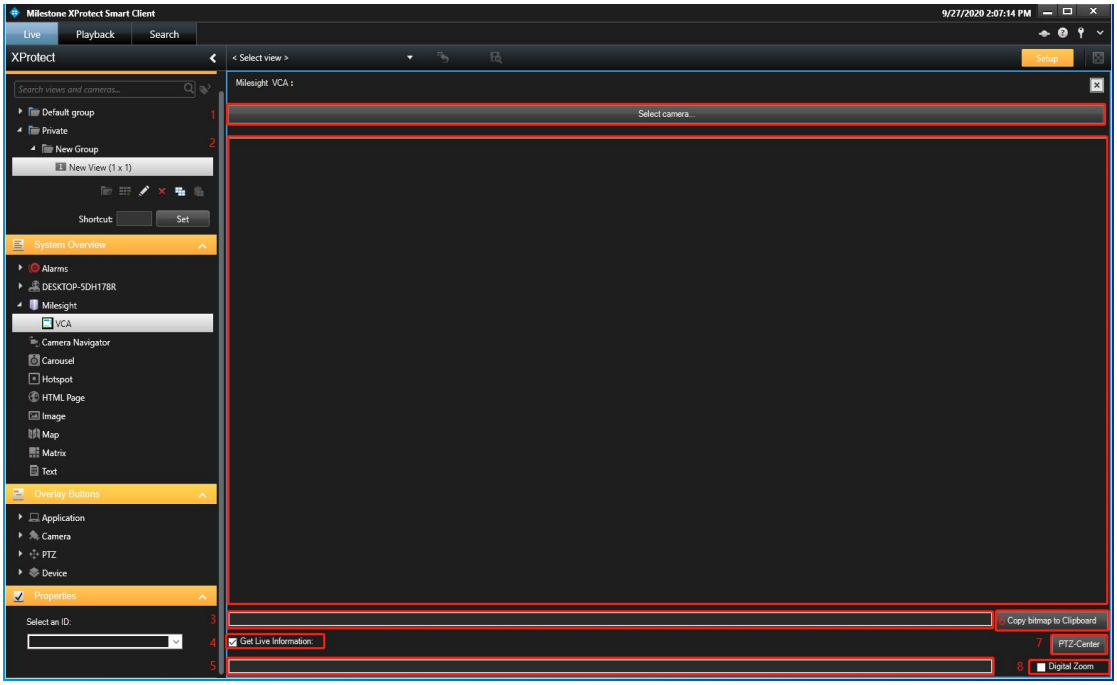
Ⅵ. How to Use Plugin on Smart Client

Step1: Click "Setup" at the top right of homepage, in setup mode, the plugin is under the System Overview menu.



Step2: Click and drag "VCA" to the selected view. It can be displayed in multiple views.

- **Display of the VCA Plugin is as Below:**



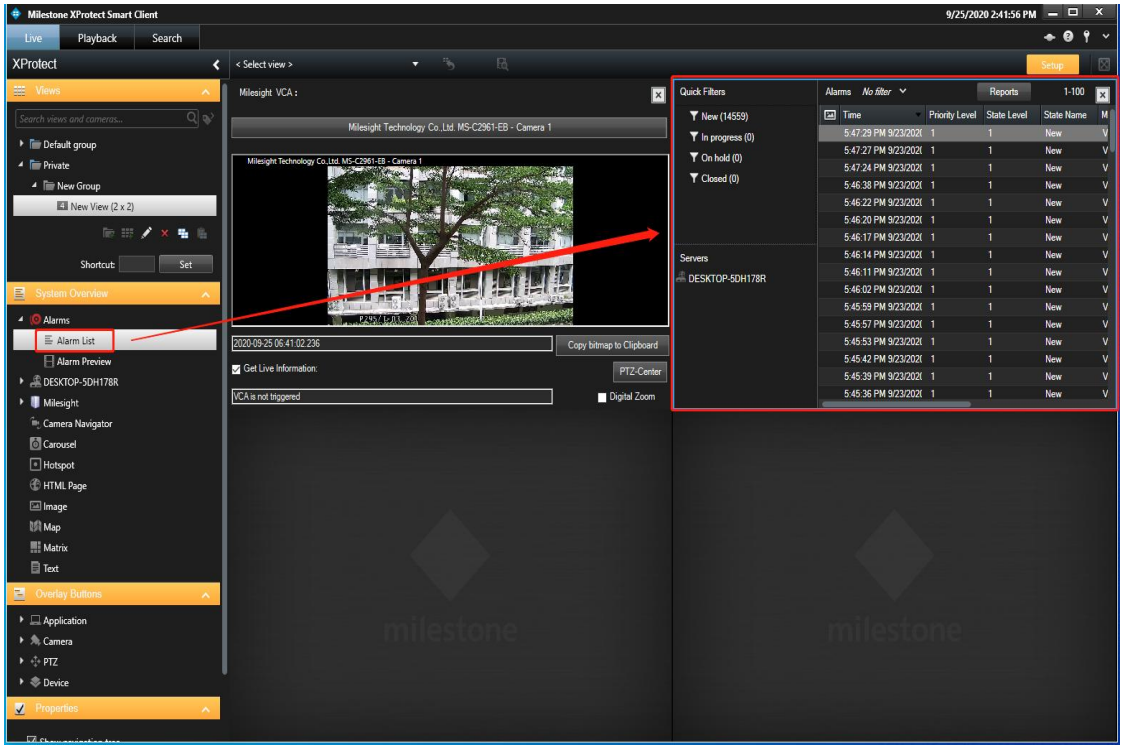
- **Interface Description:**

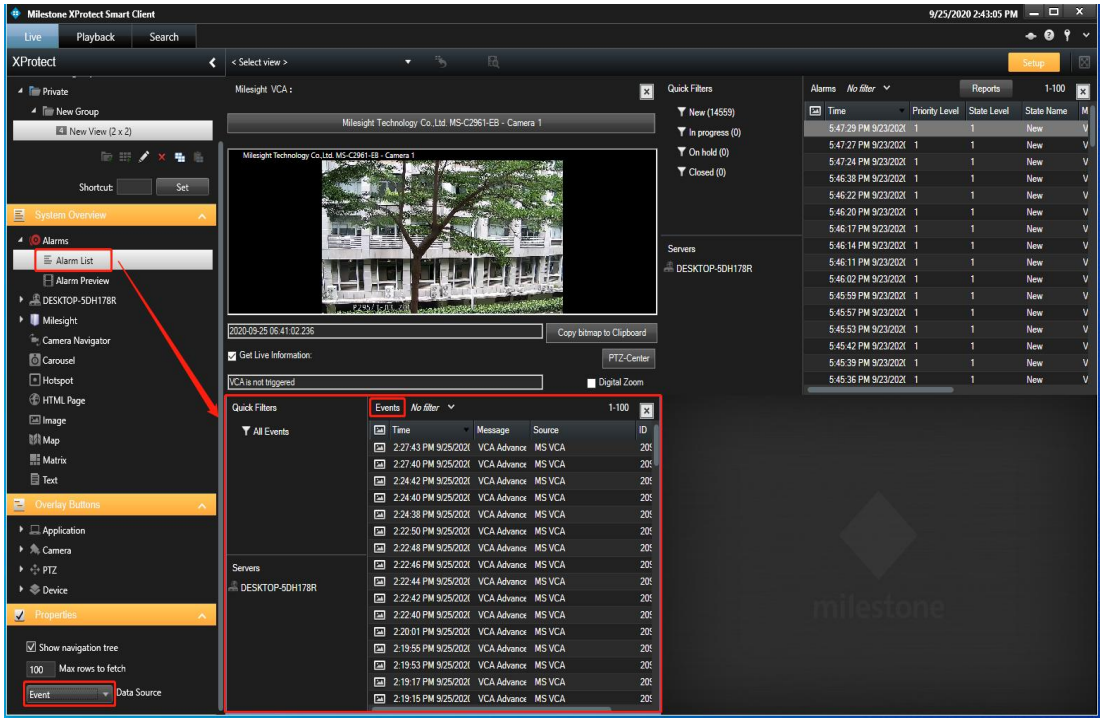
Item	Description
1	Only show the connected Milesight Network Cameras (The Milesight Network Cameras don't show in the following cases: ①. Disconnected ②. Change username and password after connected)
2	Live view of the selected camera
3	Time of the selected camera
4	Whether to get an icon "" reminder of VCA events and description of the triggered actions
5	Reminder of the VCA events triggered by the selected camera
6	Copy screen capture to the clipboard
7	Adjust view to PTZ-Center
8	Whether to set digital zoom

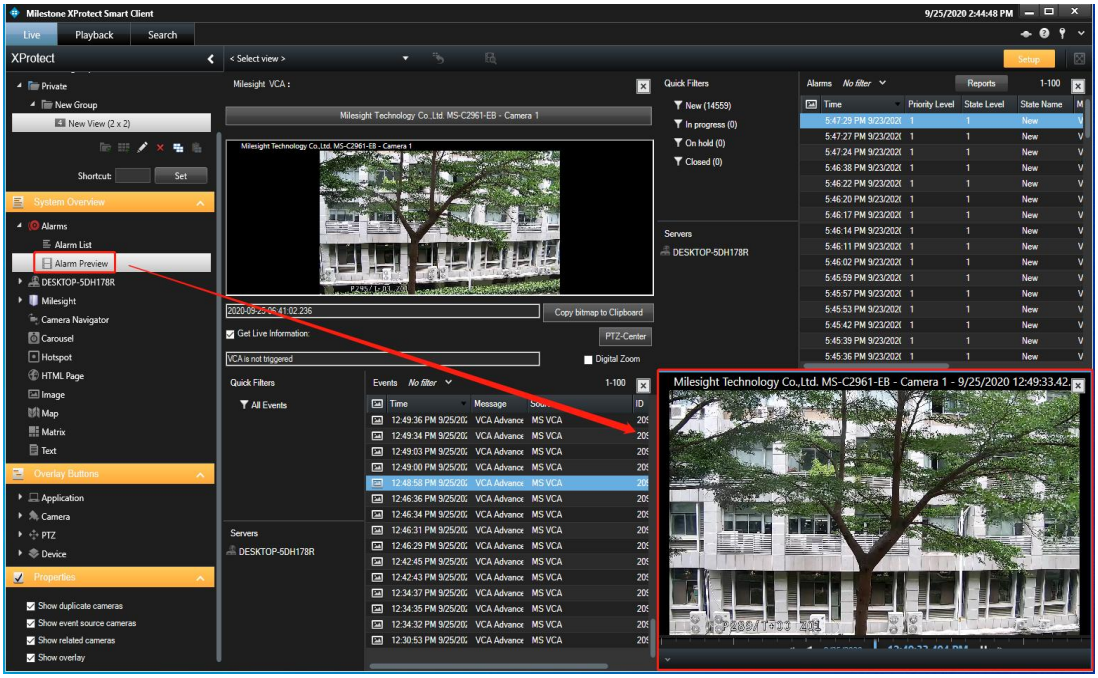
Note:

After you add or delete cameras on Management Client, you need to click "VCA" and then reopen Smart Client, so the Smart Client can synchronize the updates.

Step3: Alarm List, Event List and Alarm Preview can be also dragged to views.



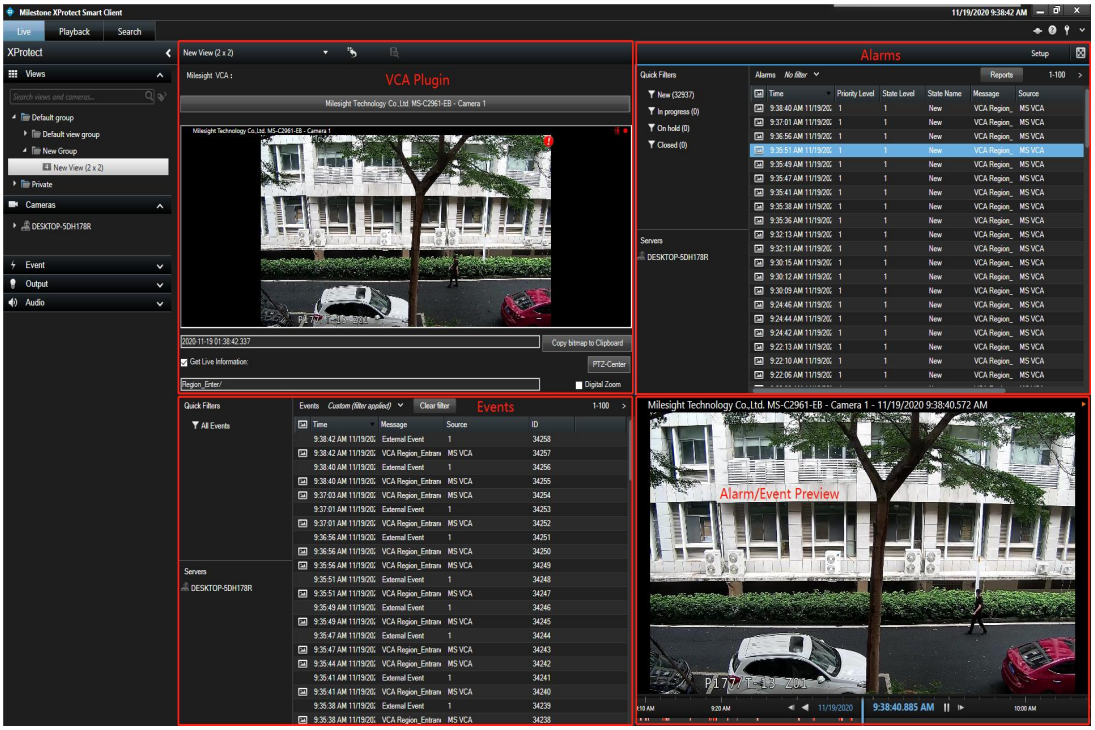




Ⅶ. Example

Camera: Milesight Technology Co.,Ltd. MS-C2961-EB - Camera 1

Event: VCA Region_Entrance_Start
Alarm: Trigger External Event 1



Description:

Region Entrance function is enabled. When Region Entrance event happens in the Camera:

The icon " " reminds and the text box shows "Region_Enter/" in "VCA plugin" view .

The corresponding event-- "VCA Region_Entrance_Start" shows in "Events" view.
In "Alarm Definition" , the event is set to trigger the external event 1 when happens. The corresponding alarm shows in "Alarms" view. Right click one of records, you can do "confirm" and so on.
Details of the alarm or event shows in "Alarm/Event Preview" view.

————————END————————