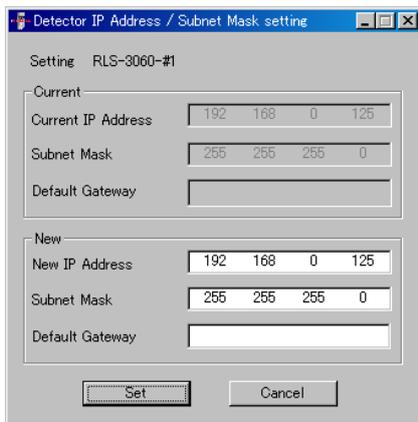# Redscan registration procedures on Milestone XProtect Corporate

Version 0.1

Prepare for Redscan

1. Connect PC which has Redscan Manager software to Redscan unit.
2. Execute Redscan Manager
3. Select "IP Address/Subnet Mast" in "Tool" menu
4. Set IP address and others on the Redscan unit for your management
5. Click "Set" button

6. Set the detection area with the Redscan Manager.
7. In the menu bar, click "Download, "Area Alignment", and then click "Event Code Setting" button

   Change the settings as follows:

   Event Code transmission : Enable

   Use an arbitrary number : Add check mark and then change ID, If necessary.

   It is necessary to change ID when you use multiple units

   Transmission Mode : TCP

   TCP Setting IP Address : Set the IP Address of Recording server.

   Port Number : Choose an arbitrary port that vacant (Default port 1234 is not available / e.g. 12345)

   Set the different port number on each Redscan unit when using multiple units.
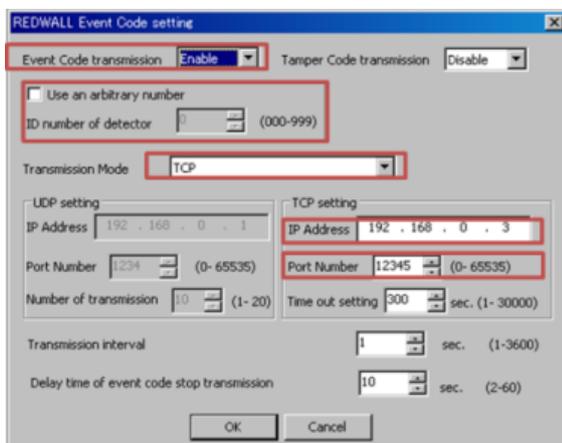
8. Click "OK", "Confirm", "Apply", "Upload and Save" button.

Prepare for the server computer

1. Install the Milestone XProtect Enterprise.

2. Install Device Pack 6.2 or later.

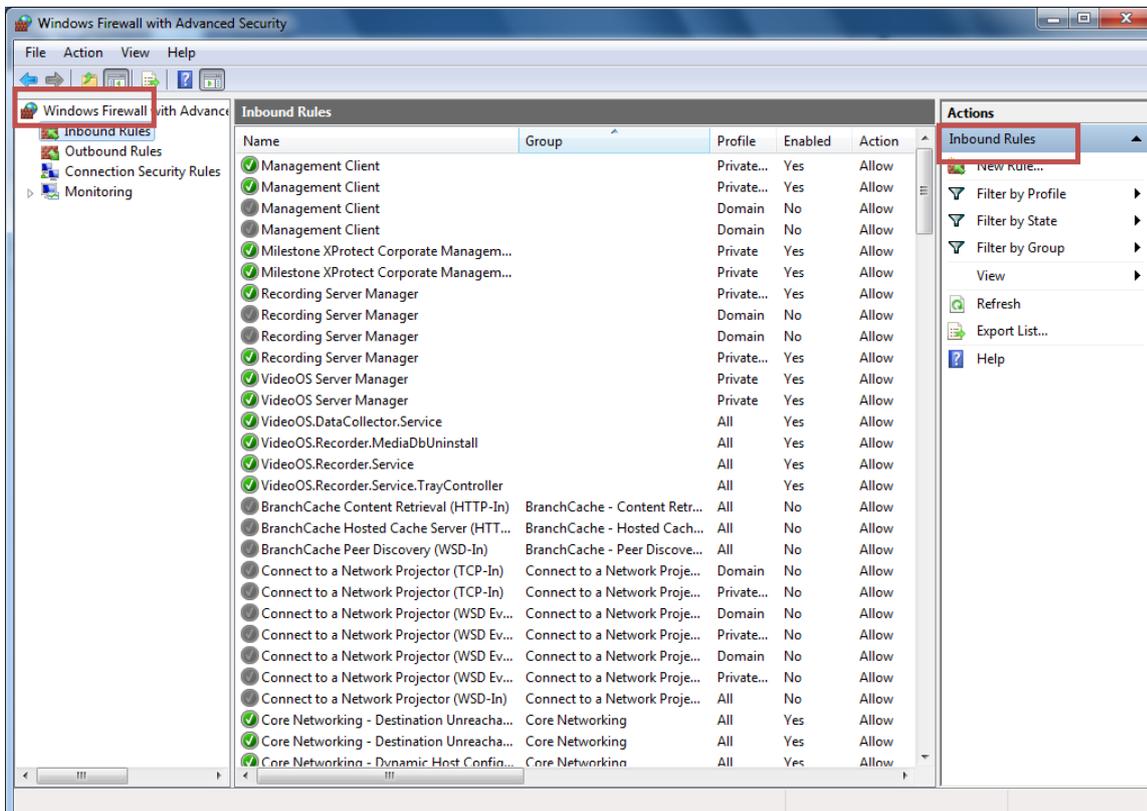3. Forward the ports that are specified at 7 in "Prepare for Redscan".

    In case of Windows7

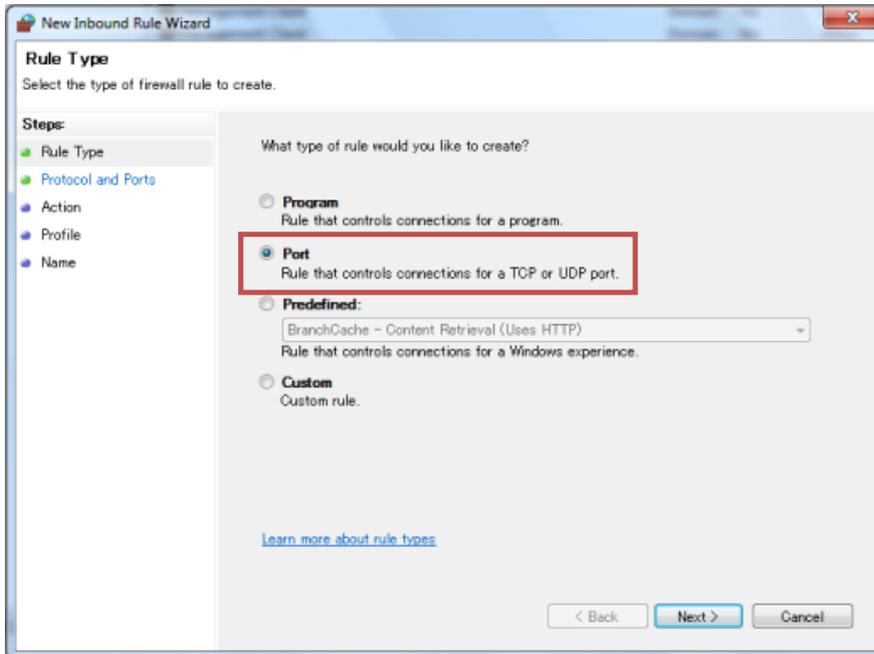   "Start menu", "Control Panel", "System and Security", and then select "Windows Firewall"

4. Click "Advanced settings"

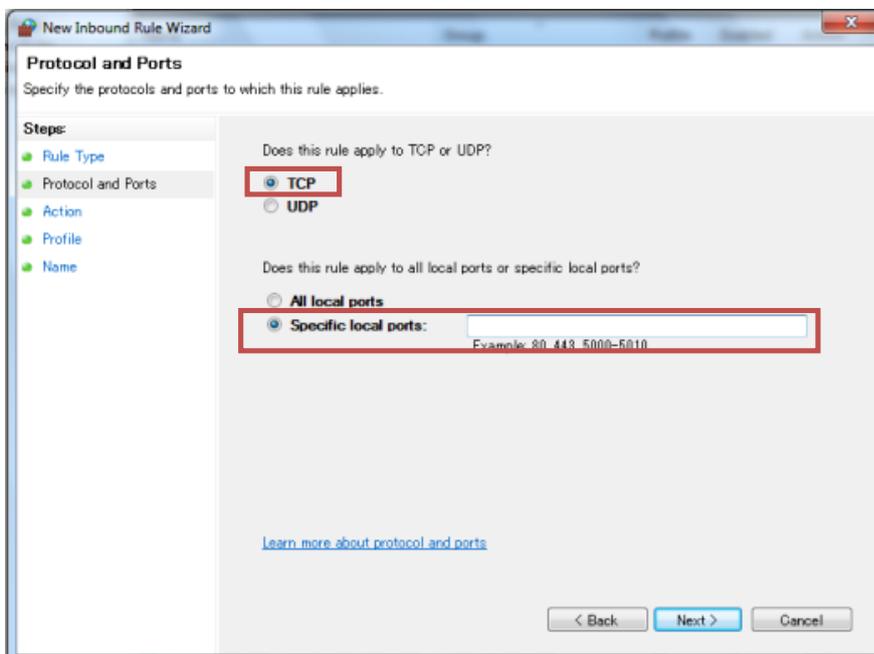5. "Inbound Rules", then click "New Rule"
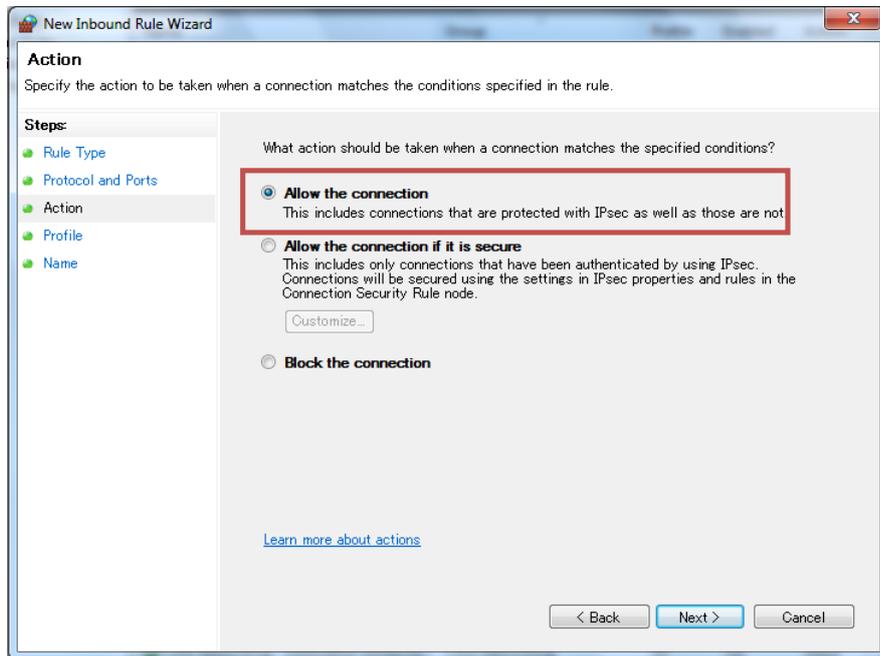
6. Check "Port".

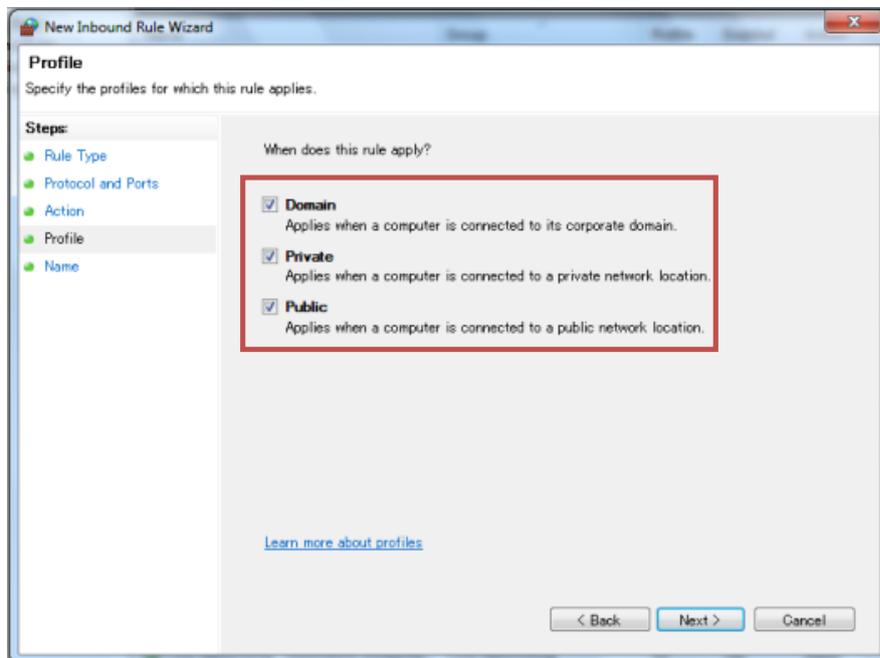7. Check "TCP" and "Specific local ports"

Put 80, 22331(For Smart client) and the ports that are specified at 5 in "Prepare for Redscan" in the box
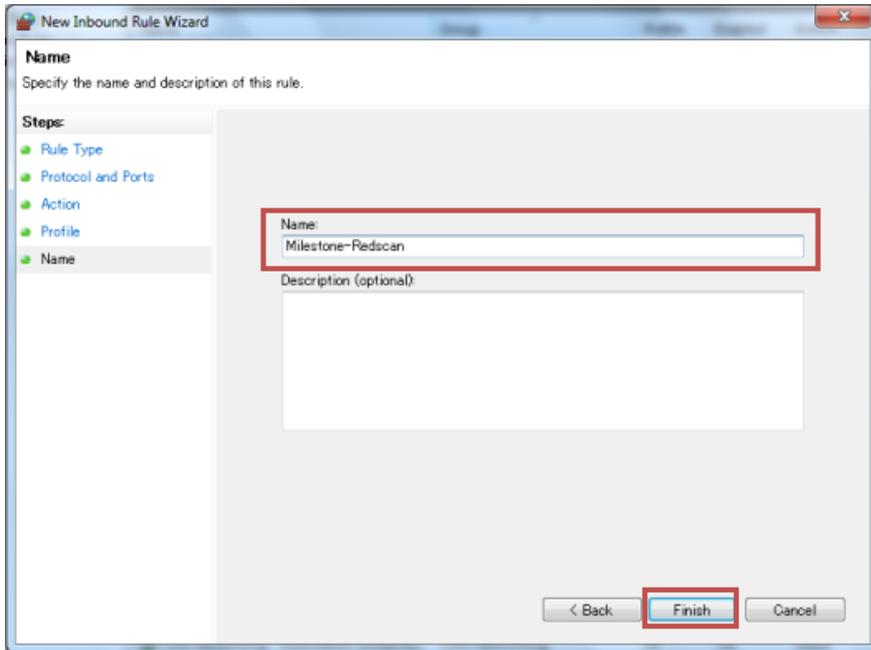
8. Check "Allow the connection".

9. Choose the profile you would like to apply.
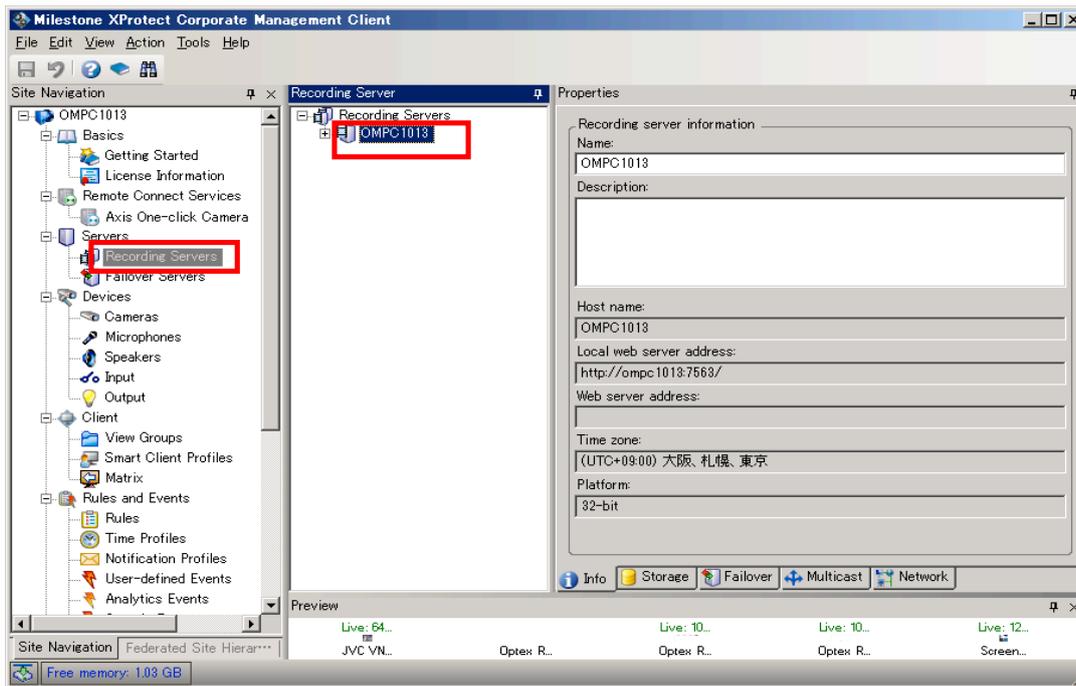
Choose all when you don't know.

10. Put the name in the box and then click "Finish".

Registration Redscan units to XProtect Corporate

1. Execute Management Client
2. From "Site Navigation", select "Servers" then click "Recording Servers"
3. Select name of recording server (default: name of PC)
4. Click right button on the mouse, and then select "Add Hardware"

5. Put a check mark on "Manual" option, and then push "Next" button
6. No action on the opened page (Specify user name and password….), just click Next" button
7. Click "Clear All" button, "Others" and then put a check mark on "Optex Redscan", then click "Next" button
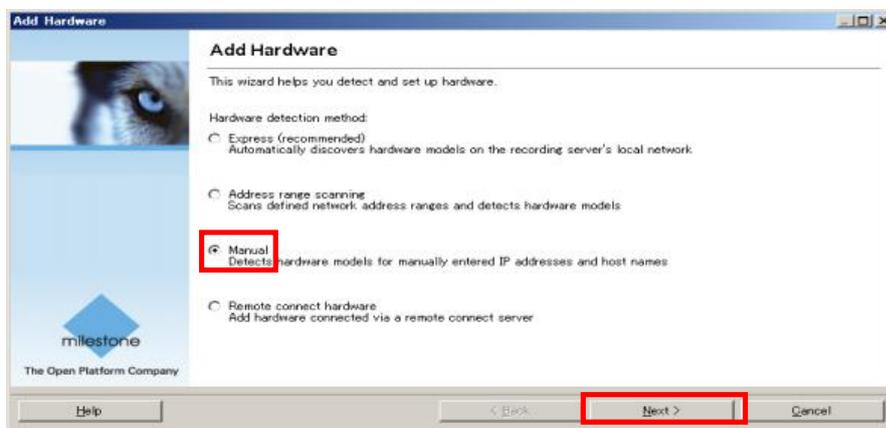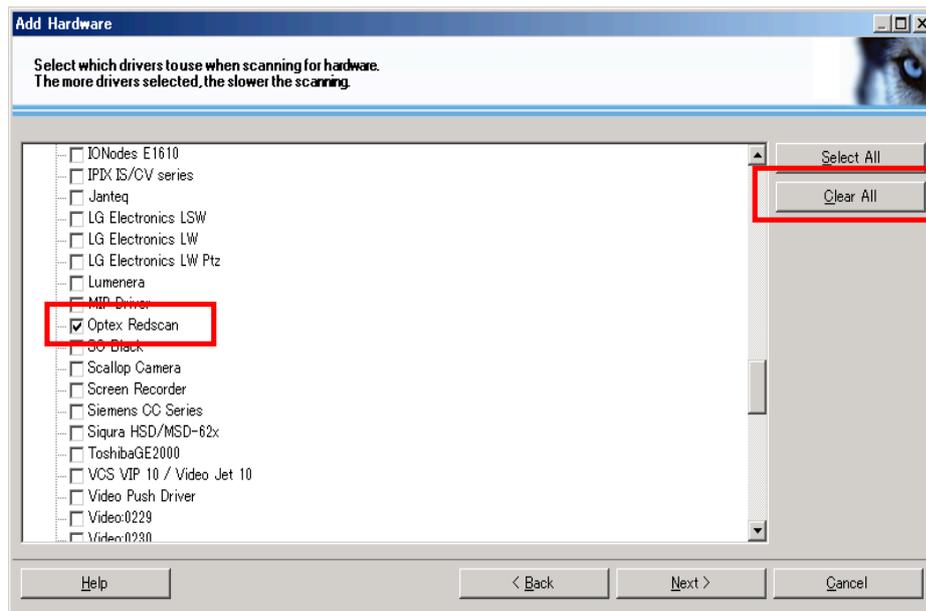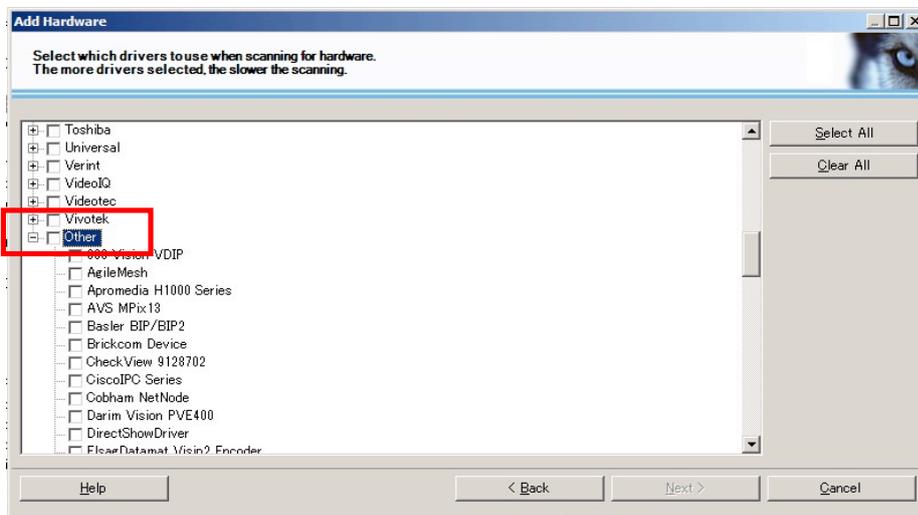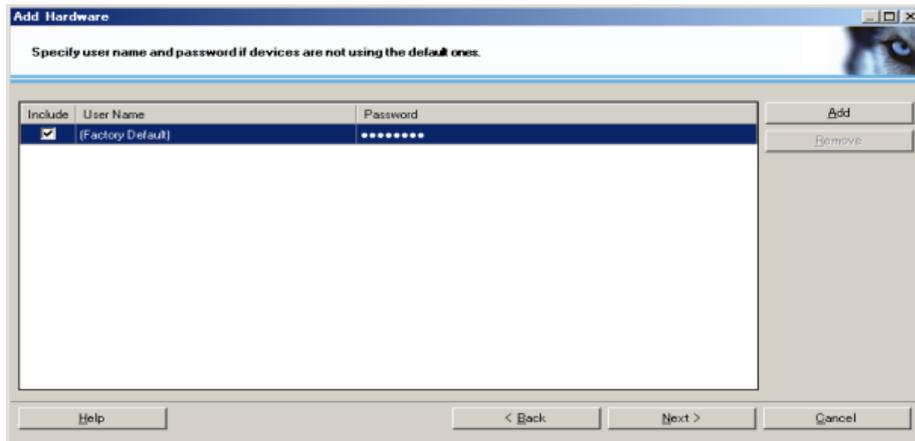
8.   Enter IP address of Redscan unit to be registered.   Left "Port" number as "80"

9.   In the "Hardware Driver",   select "Optex Redscan" from pull menu, and then push "Next" button

10. Confirm the status changes "Success" (detected hardware), click "Next" button
11. In "Collected hardware information" page, no action, click "Next" button
12. Then, Click "Next" button, and then make/select proper device group
13. From pull menu of "Add to Group", select the group for Redscan unit, and then click "Finish" to finalize
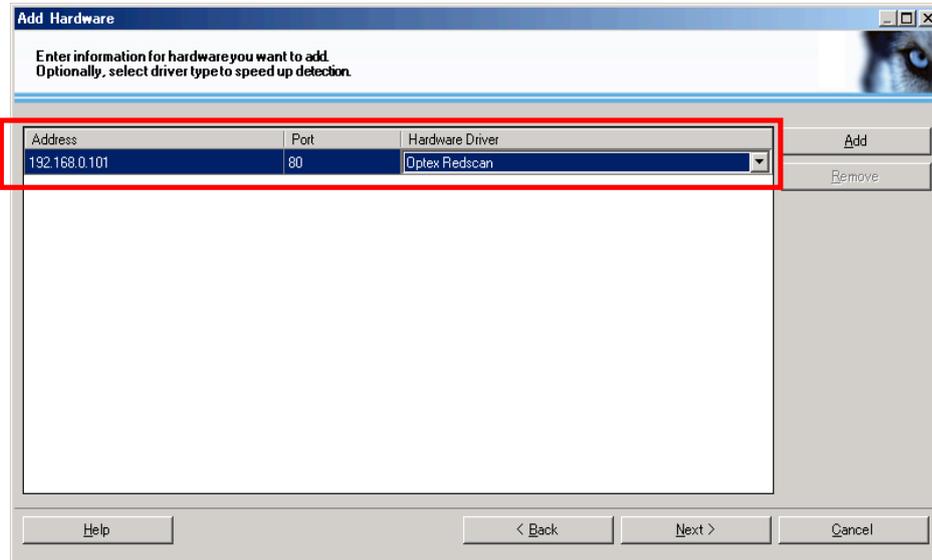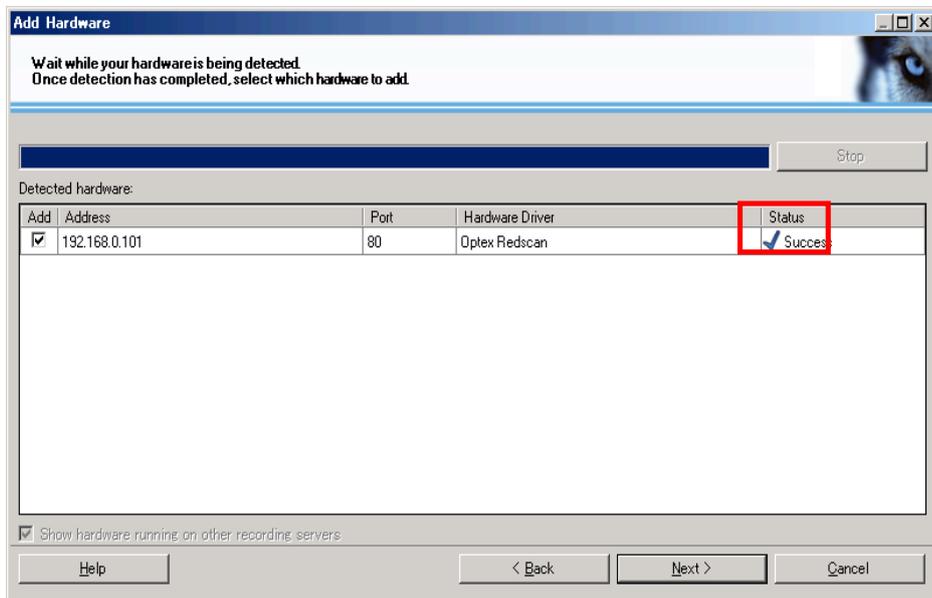
Invalidate Motion Detection

1. Select "Recording Servers" in "Site Navigation"
2. Click the name of recording server, then select "Optex Redscan"
3. In "Property" window, select "Motion" tab
4. Put out the check mark from "Motion detection" option to invalidate motion detection
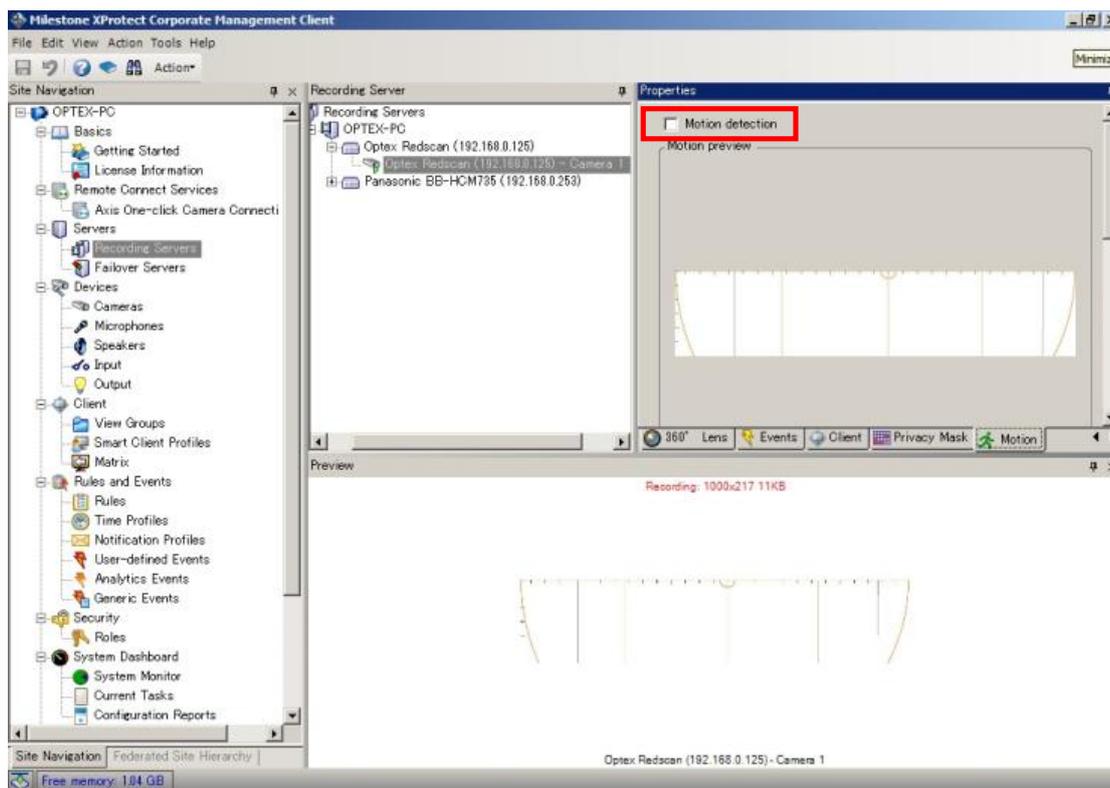
Note:
In order to utilize only detection events by Redscan detector, invalidate the motion detection of camera, too.

Setting of REDSCAN on Milestone XProtect Corporate

Setting of detection area

5. Select "Recording Servers" in "Site Navigation"

6. Click the name of recording server, then select "Optex Redscan"

7. In "Property" window, select "Settings" tab

8. Change parameter if necessary

   Frams per second : Max20 (No meaning even though set more than 20)

   Max. resolution: 1000 (Recommended)

   Y axis range (mm):   Adjust this value as actual detection area length

Y axis range

10
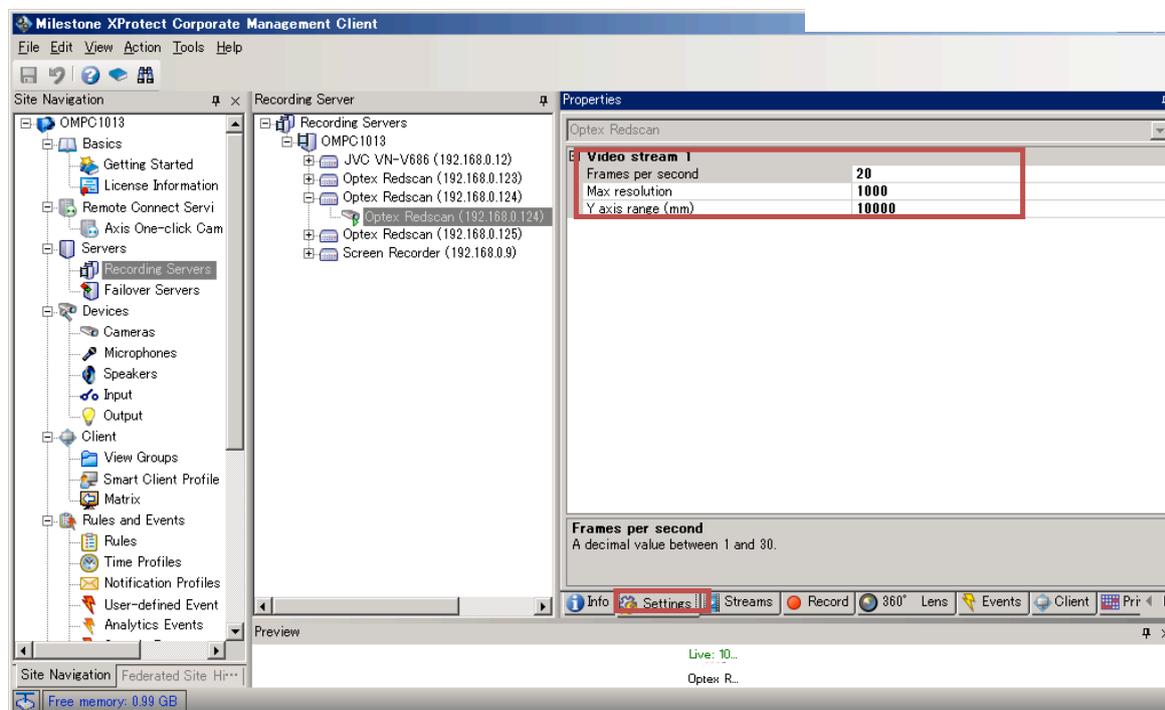
**Make the events effective**

1. Select "Recording Servers" in "Site Navigation"
2. Click the name of recording server, then select "Optex Redscan"
3. In "Property" window, select "Events" tab
4. Click "Add" button, and then select events to be used

Note: For Alarm events (triggered detection zone information), select "Motion Started (HW), and select required zone name from Pull down menu of ""Motion Window"
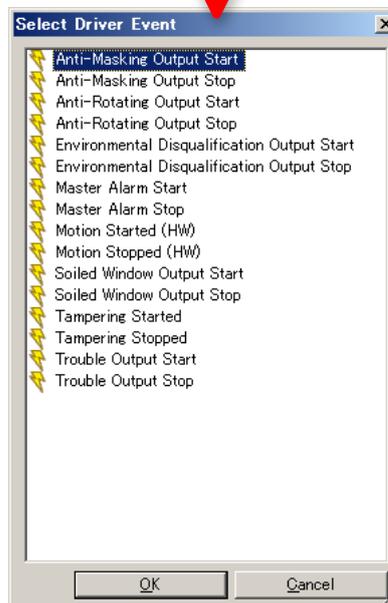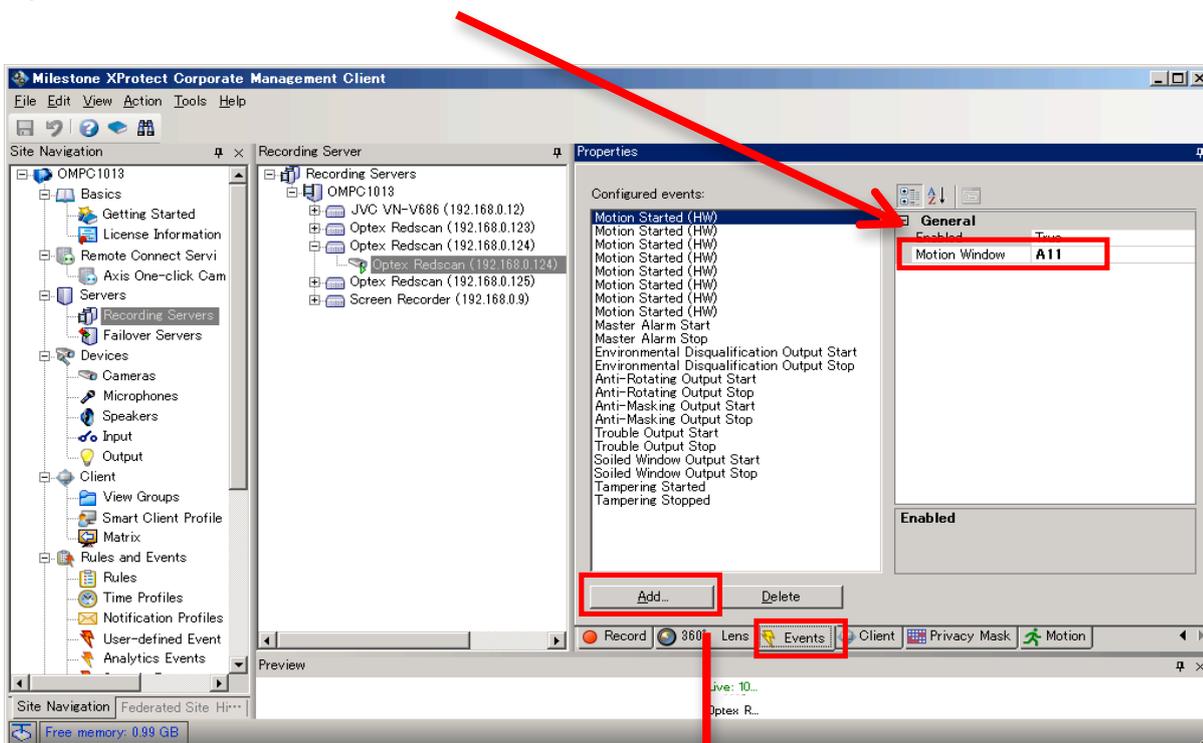
Use events

Select "Rule" in "Site Navigation"

Note:

As other event, make rules to control the system, refer to "Help" of Milestone XProtect

Corporate

Example 1.)

Utilize the A1 zone detection information from Redscan to turn the IP camera's preset position, P2.

1. In "Site Navigation", select "Rules" in "Rules and Events"
2. In "Rules" window, click right button of the mouse, and select "Add rule…"
3. Enter the name of event (e.g. A1) and put a check mark for "Perform an action on <event>"
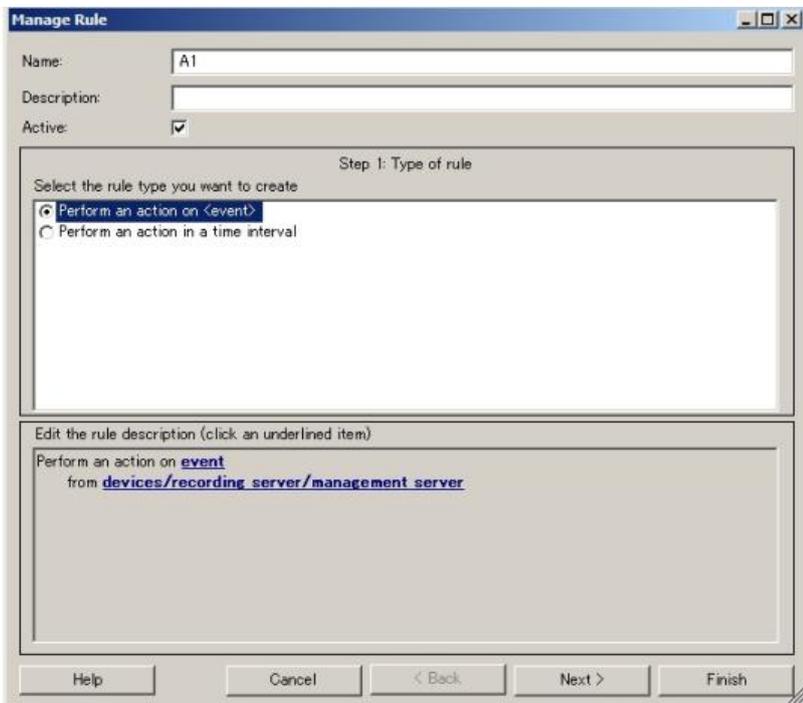
4. In the window of "Edit the rule description", click "event", then select "Motion Started (HW)"
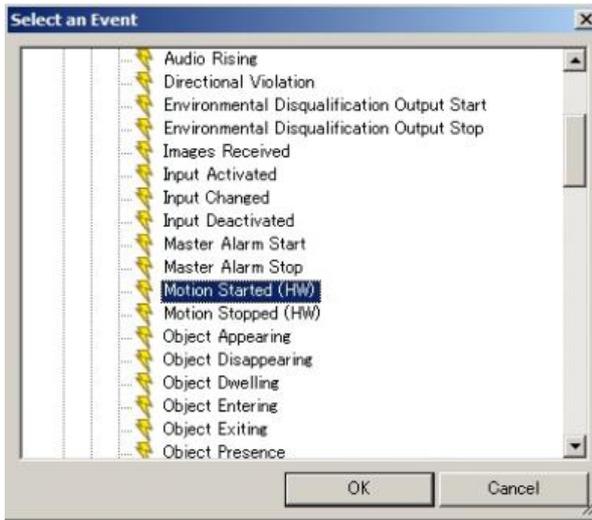
5. In the window of "Edit the rule description", click "device/recording server/management server"

6. Select the Redscan unit from device group and "Add" button, and then click "OK"
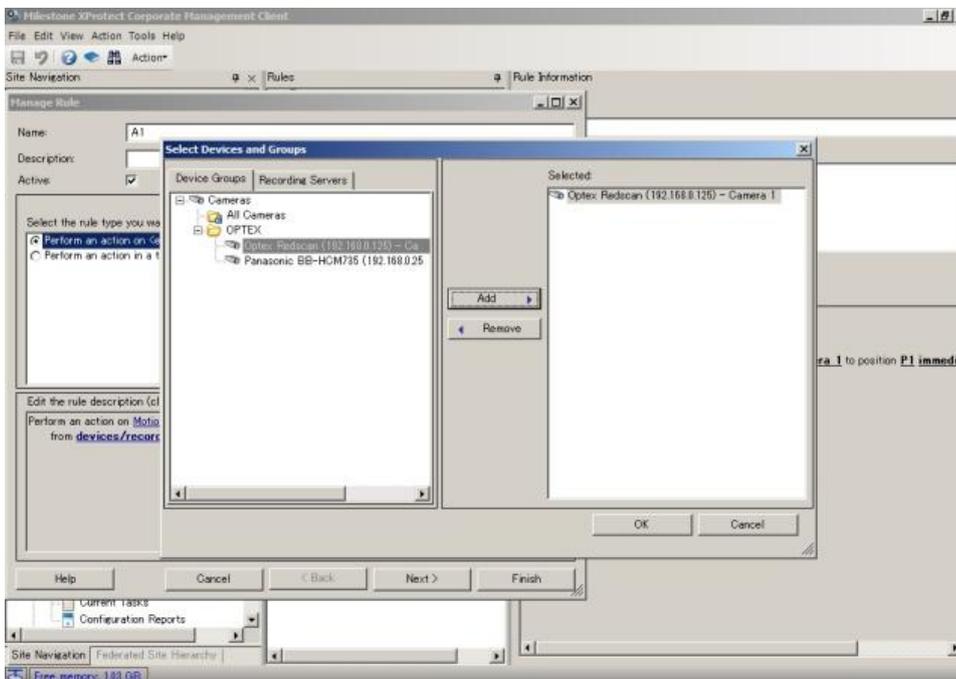
7. Click "Next", then following window comes up, then put a check mark for "Event is from <motion window>

Manage Rule
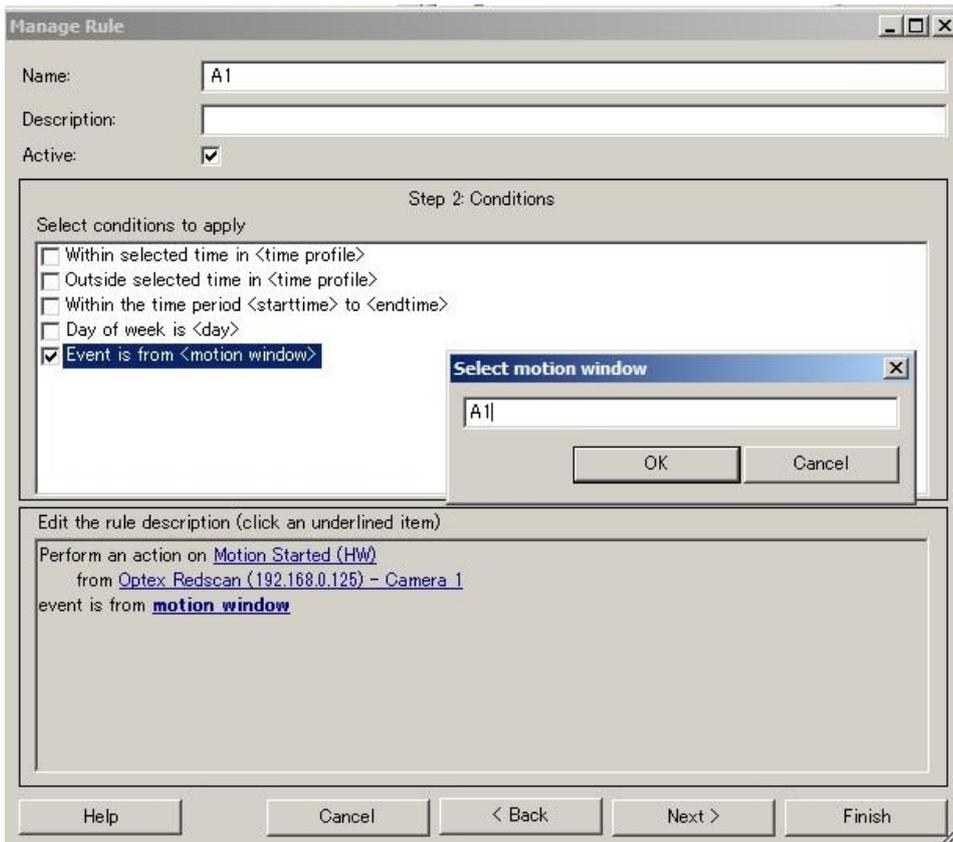
Name: A1

Description:

Active: ☑

Step 2: Conditions

Select conditions to apply

☐ Within selected time in <time profile>
☐ Outside selected time in <time profile>
☐ Within the time period <starttime> to <endtime>
☐ Day of week is <day>
☑ Event is from <motion window>

Select motion window

A1

[OK] [Cancel]

Edit the rule description (click an underlined item)

Perform an action on Motion Started (HW)
    from Optex Redscan (192.168.0.125) – Camera 1
event is from **motion window**

[Help] [Cancel] [< Back] [Next >] [Finish]

8. Click "motion window" in "Edit the rule description" window, then type "A1" in "Select motion window", and the click "Next button"

9. Put a check mark for "Move <device> to <preset> position with PTZ <priority>"
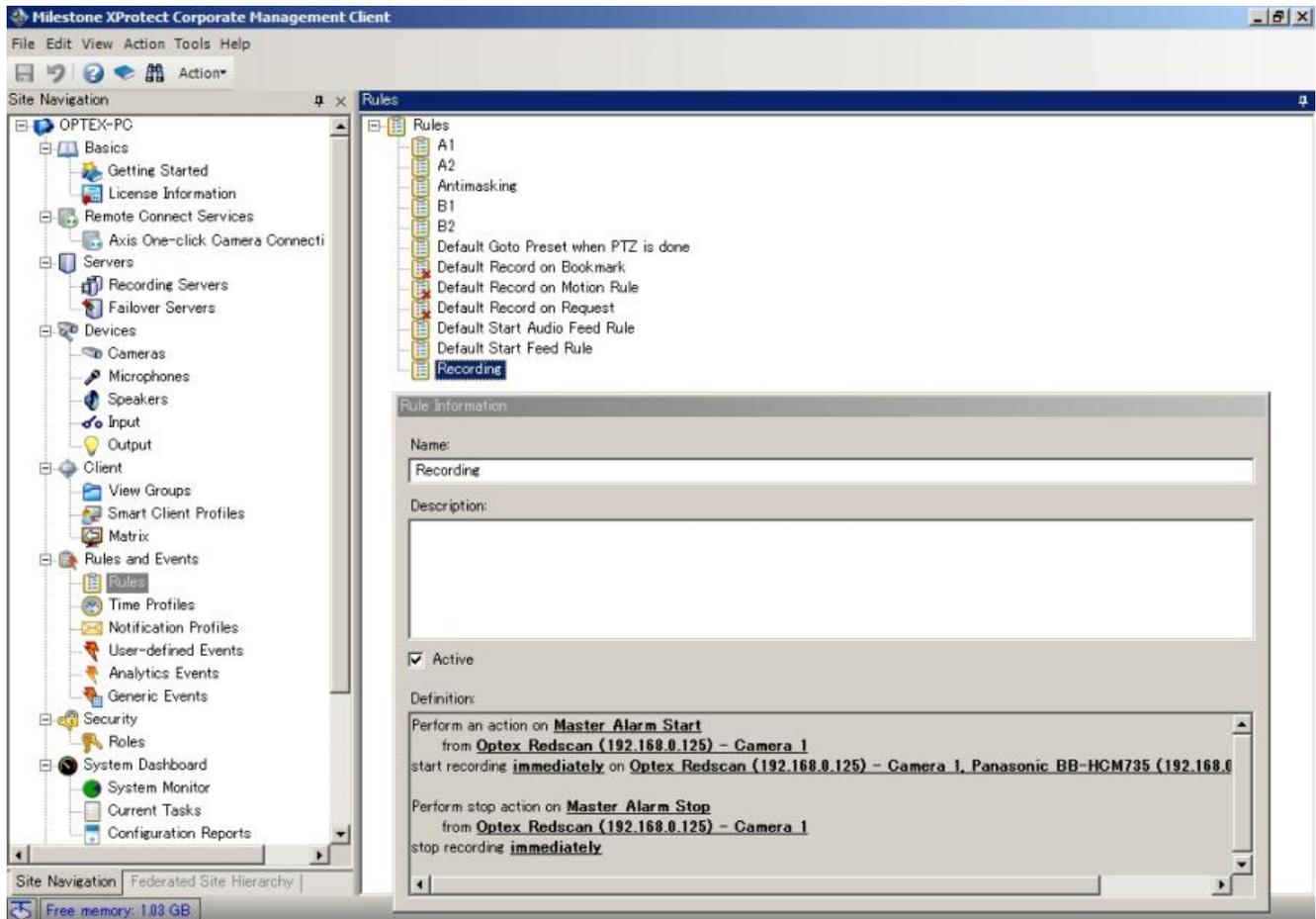
14
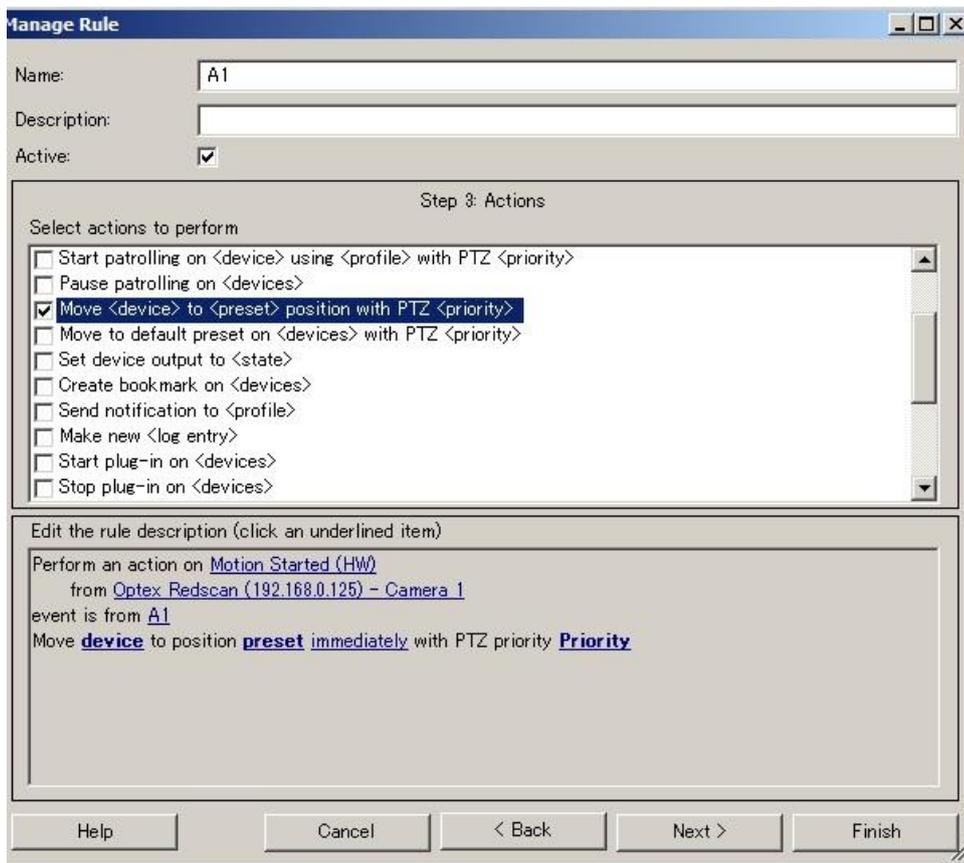
10. Click "device" to select the linked camera, and click "preset" to assign the linked preset position, then click "OK" button

11. Set the priority level, then click "Finish" to complete

Example 2.)

Utilize Master alarm code to start and stop recording

As above example, edit the rule description like the following

Example 3.)

Send notification-mail to the manager when the Redscan unit generate the anti-rotation signal.

Need to set the Notification Profile, then set up the rule like follows: