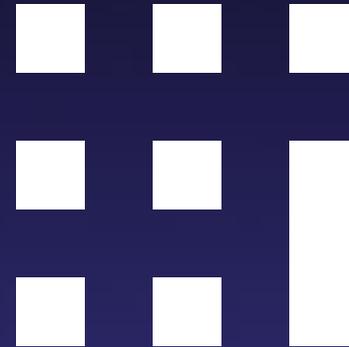


ACTIVE GUARD PLUGIN FOR MILESTONE

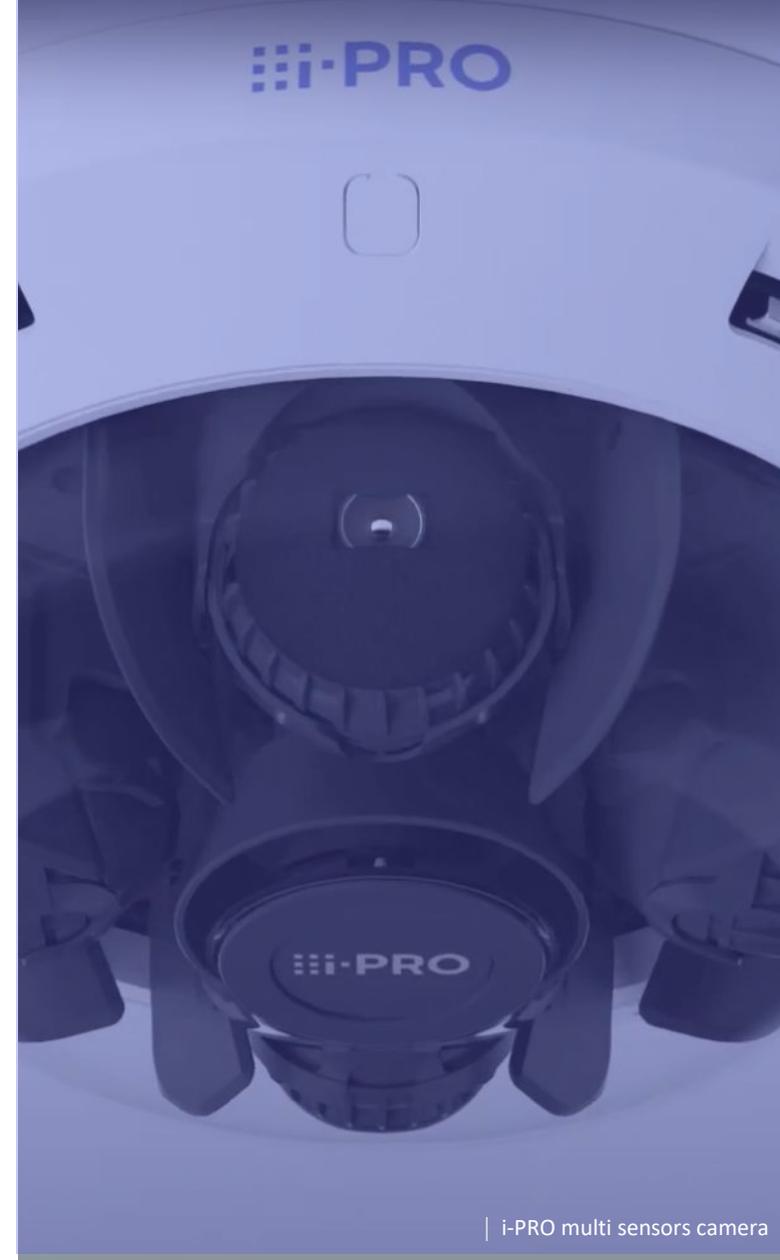
V2.0 UPDATES



NEW FEATURES IN V2.0

*Click on the links for more information about some items

- Search objects on specified area
- Past event search UI
- Support Vaxtor LPR new features
- Support Vaxtor OCR Genesis application
- Support Vaxtor OCR Container application
- Configurations of the image to be displayed on Alarm manger
- "Add to export list" option
- Support digital zoom on playback video
- New Roles configuration
- Automatic version check of plug-in/server
- [Other updates on Active Guard server side](#)
- Upgrade procedure
- Useful links



Search objects on specified area

V2.00 has new "Region of Interest" filter.

User can specify area where he wants to search the object (People/Vehicle/Face app v2.10 or later is required)
Detected objects passing through the area will be searched.

The screenshot displays a user interface for searching objects in video footage. On the left, a 'Filter' panel includes a calendar for 'September 2024' with the 2nd selected, a 'Time range' section with start and end times set to 1:40:26 AM, and a 'Search only within' dropdown set to 'Past 24 hours'. Below this are sections for 'Cameras (7)', 'Region of interest (1)', and object detection filters for 'People', 'Face', 'LPR', and 'OCR'. The 'Region of interest' section is highlighted with a yellow border and contains a video feed of a hallway. The video feed shows a blue rectangular region of interest on the left, a red rectangular region in the center, and a green rectangular region on the right. A red box with the number '6' is visible in the center. The video feed also displays the IP address '192.168.0.66'. At the bottom of the video feed, there are radio buttons for 'All', '1(White)', '2(Blue)', '3(Green)', and '4(Red)', and a 'Clear the area' button. The top right of the interface contains a note: 'The objects passed through these specified areas is shown in the search results. *Only Faces, People, and Vehicles support combined searches'.

Past Event Search UI

The screenshot displays the 'i-PRO Active Guard' interface. The 'Event' tab is highlighted in a yellow box. The interface includes a filter sidebar with a calendar for October 2024, time range selection (10:40:24 AM), and search options (Past 24 hours). A video player shows a recording of a person in a room. Below the video is a table of search results.

Date / Time	Camera	Event	Detected	Registered	Details	Status	Comments
10/22/2024 10:39:54 AM	i-PRO/Panasonic WV-51136 (192.168.0.32) - Camera 1	Intruder			Object type: Human Detection area: 1 Detected score: N/A	Viewed	
10/22/2024 10:39:45 AM	i-PRO/Panasonic WV-51136 (192.168.0.32) - Camera 1	Intruder			Object type: Human Detection area: 1 Detected score: N/A	New	

72 of 72 results

New event tab provides the ability to search for past event on i-PRO camera

- Registered face/people/vehicle
- Registered or Unregistered License plate/OCR/Container
- AI-VMD
- Sound
- Occupancy
- Scene change
- Other partner's app event (ex. Slip&fall, fire&smoke)

Support Vaxtor LPR new features



The screenshot displays the Vaxtor LPR search interface. On the left, there is a calendar view with dates 13 through 31, and a search range set to 'Past 24 hours'. Below this are sections for 'Cameras (2)', 'Region of interest (0)', and a 'People' toggle. The main search area includes a 'Refine filters' panel with the following options:

- License plate: Enter license plate
- Country: Australia
- State: New South Wales (highlighted with a dashed yellow box)
- Direction of movement: Towards/in Away/out Stopped
- Vehicle type: Mini-Van SUV (highlighted with dashed yellow boxes)
- Vehicle color: A color palette with various options.
- Vehicle brand: Select vehicle brand...
- Additional filters: Color image only

At the bottom of the 'Refine filters' panel, there are buttons for 'Clear all filters', 'Clear', and 'Search'. The 'Save filters' button is also visible.

- Support Australia State

- Support new vehicle class
"SUV / Pickup/Mini-Van"

*These information can be used both forensic search and watchlist registration.

Support Vaxtor OCR Genesis application



VaxGenesis is a high-performance generic OCR reader. [See more.](#)
Search for detected code in new OCR filter.

The screenshot displays the Milestone XProtect Smart Client interface. The top navigation bar includes 'Views', 'Exports', 'Search', 'Alarm Manager', 'Incidents', 'i-PRO Active Guard', and 'System Monitor'. The main area shows a video feed of a cardboard box with a label that reads 'WV-X25500-V3LN Network Camera Camera en réseau Engineered in Japan'. A search filter is applied, showing '11 of 11 results' in a grid. A 'Refine filters' dialog box is open, showing 'OCR code' set to 'X255*' and 'Additional filters' including 'Color image only'. The dialog also has 'LPR' and 'OCR' checkboxes, with 'OCR' checked. The 'Search' button is highlighted in blue.

Support Vaxtor OCR Container application



VaxContainer is for Automatic Container Code Recognition in ISO 6346 format. [See more.](#)
Search for container by container code/size code/Owner country/Owner city/Owner company.

The screenshot displays the Milestone XProtect Smart Client interface. The main window shows a video feed of a green container with 'EVERGREEN' branding. A search filter overlay is active, showing the following criteria:

- Search only within: Past 24 hours
- Accuracy threshold: 50
- Container: (EITU* X 45* X Panama X Panama City X GAINING ENTERPRISE S.A. X)

The 'Refine filters' panel on the right includes:

- Container code: EITU*
- Size code: 45*
- Owner country: Panama
- Owner city: Panama City
- Owner company: GAINING ENTERPRISE S.A.
- Additional filters: Color image only

The 'Information' panel on the right provides details for the detected container:

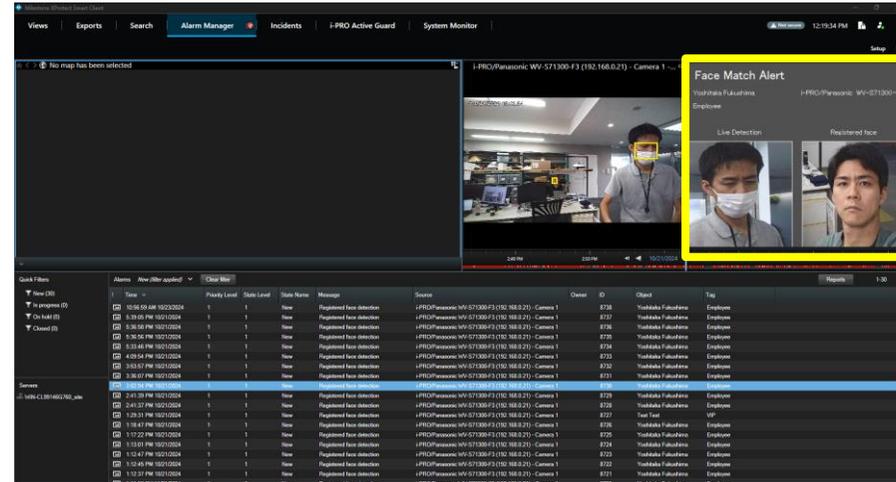
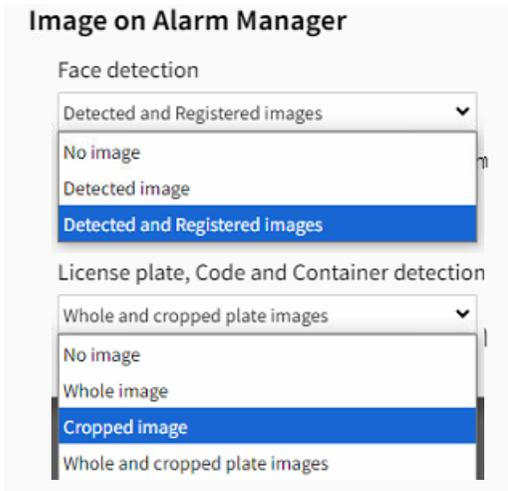
- Detected info: Container code: EITU* 100%, Size code: 45G1, Owner country: Panama, Owner city: PANAMA CITY, Owner company: GAINING ENTERPRISE S.A., Day Night: Color, Detected score: 100%

The interface also shows a calendar for October 2024, a 'Filter' section, and a grid of search results at the bottom.

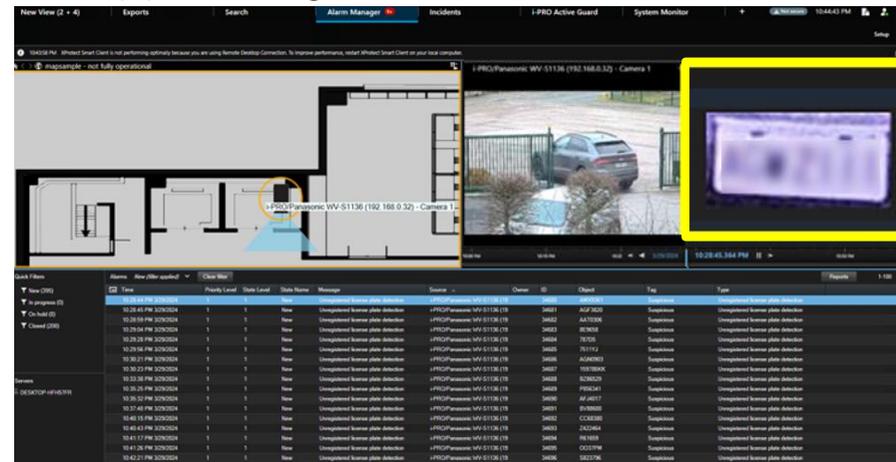
Configurations of the image to be displayed on Alarm manger

i-PRO Active Guard server 2.00 has option "Image on Alarm Manager" for face and LPR/OCR/Container event

Ex. "Detected and Registered images" for face

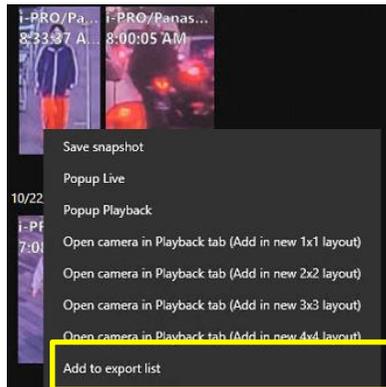


Ex. "Cropped image" for LPR

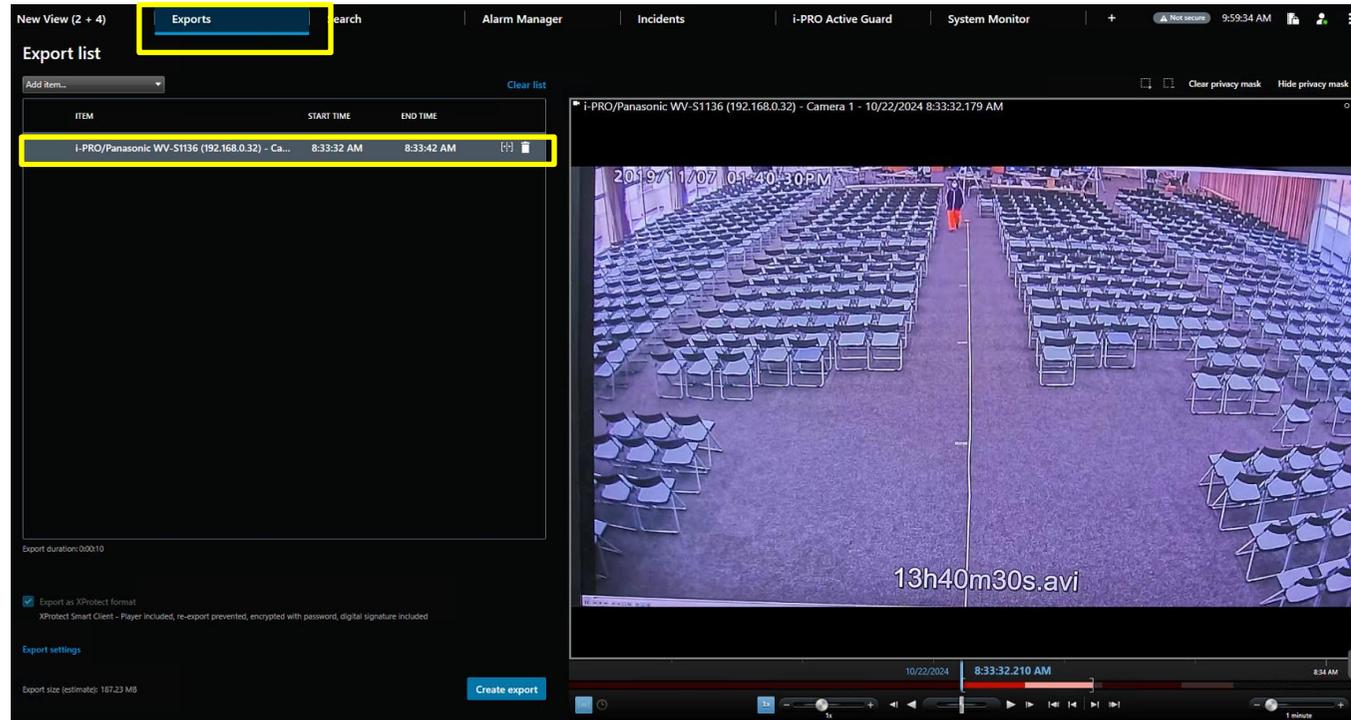


"Add to export list" option

Click export button on playback area or from right click menu



Selected camera, time is added to Export list.



Support digital zoom

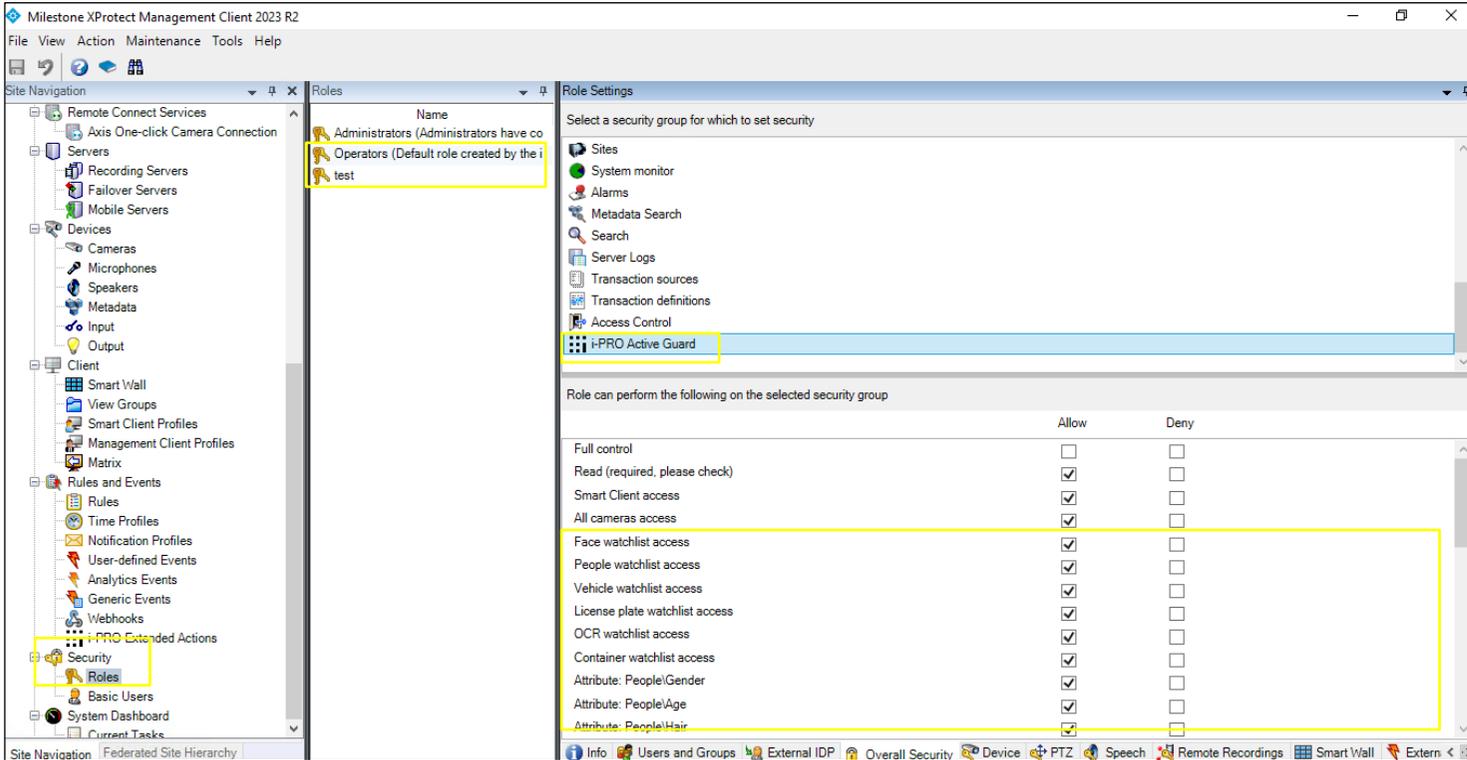
digital zoom on playback area is available by dragging area or mouse-wheel operation,



You can adjust the zoom position in the same way as XProtect.

New Roles configuration

Watchlist access and “show or hide each attribute on UI” can be configured



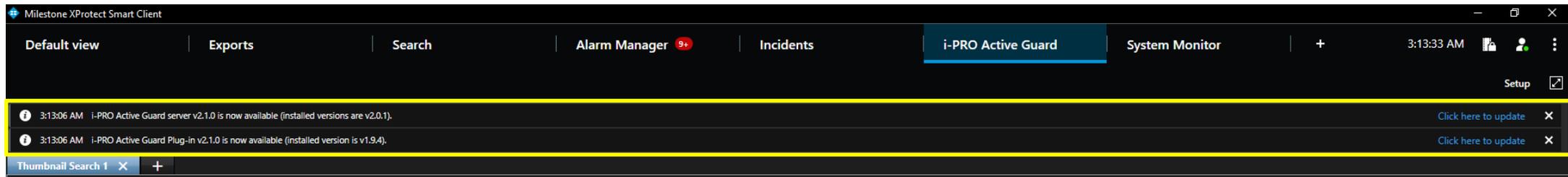
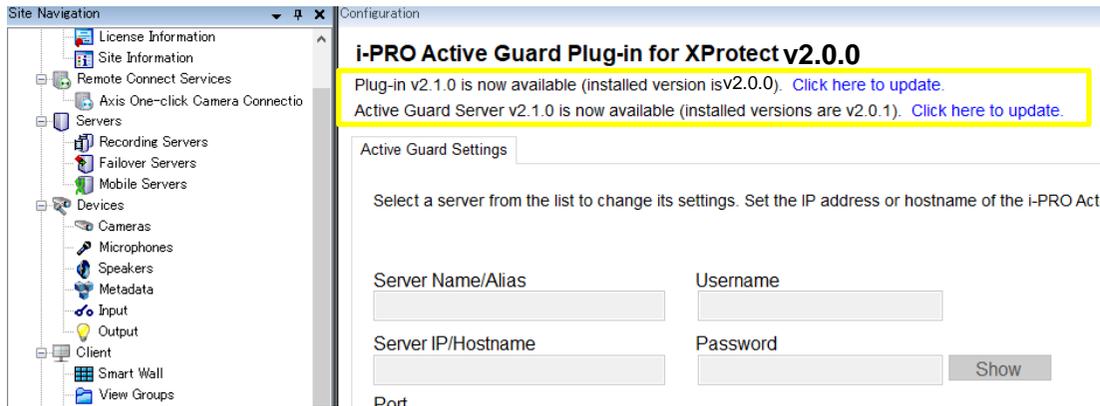
New options in v2.0

Face watchlist access
People watchlist access
Vehicle watchlist access
License plate watchlist access
OCR watchlist access.
Container watchlist access

Attributes: People\Gender
Attributes: People\Age
Attributes: People\Hair
Attributes: People\Top
Attributes: People\Bottom
Attributes: People\Sunglasses
Attributes: People\Beard
Attributes: People\Mask
Attributes: People\Bag
Attributes: People\Shoes
Attributes: People\Moving direction
Attributes: Vehicle\Type
Attributes: Vehicle\Color
Attributes: Vehicle\Moving direction
Attributes: Face\Gender
Attributes: Face\Age
Attributes: License Plate\Vehicle Type
Attributes: License Plate\Vehicle Color
Attributes: License Plate\Vehicle Brand
Attributes: License Plate\Vehicle Model
Attributes: License Plate\Moving direction
Attributes: License Plate\Owner
Attributes: License Plate\Country

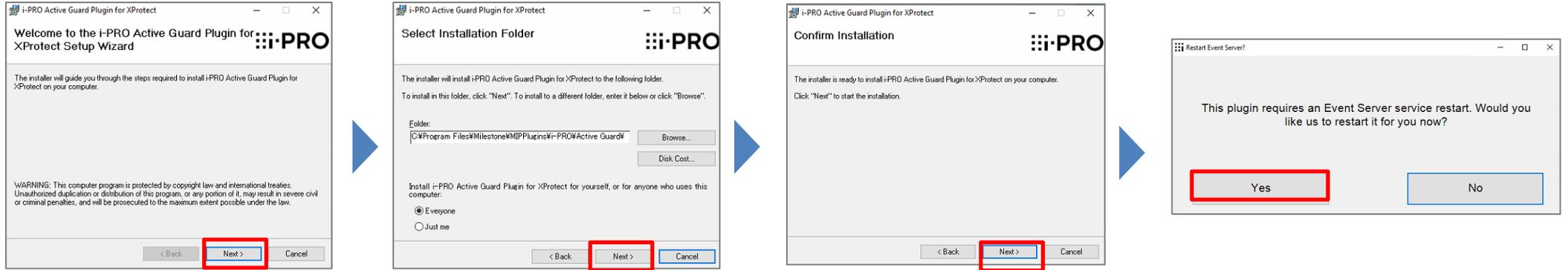
Automatic version check of plug-in/server

When newer version than installed version of Active Guard server or plug-in is available in the future, Management client and Smart client (only for Administrator) will display the information.



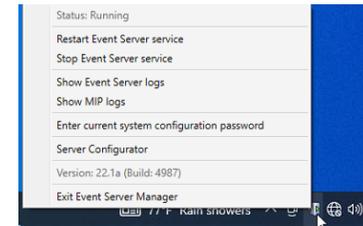
Upgrade Procedure

Run the new version installer on each of the “XProtect Event Server PC” and the “XProtect Smart Client PC”.



*There is no need to uninstall the old version in advance.

*If XProtect Event Server service is stopped after updating, start manually from Windows Task bar.



*

*If there is trouble after upgrading, please try to uninstall and install again.

Useful Links

Download related software

[Useful links for i-PRO Active Guard system configuration | i-PRO Products](#)

Tested version of VMS, Active Guard and camera's app

https://i-pro.com/products_and_solutions/en/media/documentation_file/i-pro_active_guard_milestone_tested_versionpdf

Change logs

<https://github.com/ORBNETSYS/i-PRO-Active-Guard-Public>



Thank you !