



**U-perimeter Milestone Plugin
User's Guide**

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U-perimeter Milestone Plugin User's Guide

for Milestone XProtect Smart Client users, v1.0

Overview

U-perimeter is a software solution utilizing AI based video analytics technology for protecting perimeters in CCTV and IP video surveillance systems. It is integrated seamlessly with Milestone XProtect video management system.

This solution detects human appearance on video cameras and sends an alarm notification to the authorized person in Milestone.

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1. Features

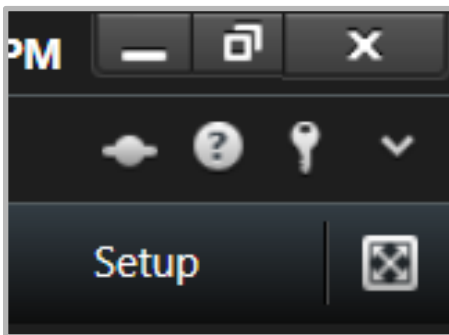
- Human detection for multiple cameras
- Alarm notification on human detection
- Marking all detected individuals on the video stream

2. Usage

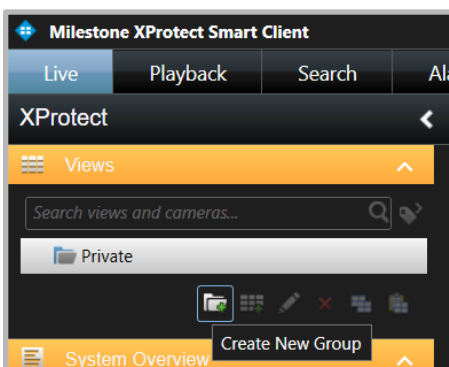
2.1 Set your view

This section can be skipped if you are familiar with Milestone XProtect Smart Client.

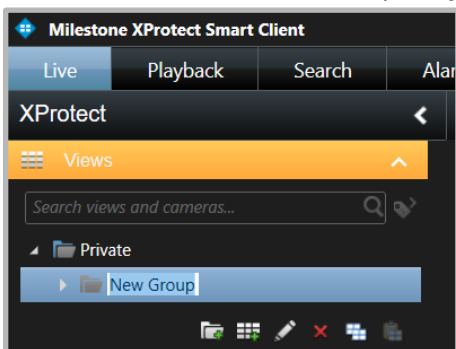
1. Click the 'Setup' button at the top right of the window.



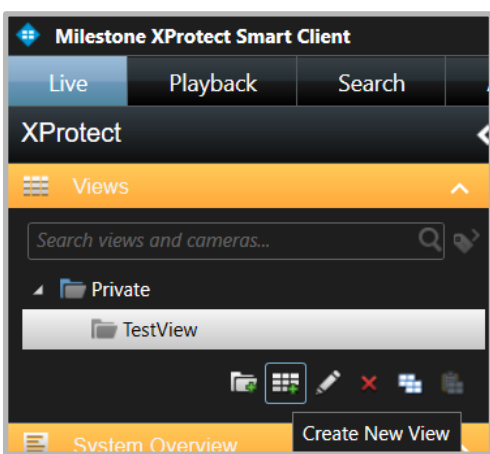
2. The 'Setup' button turns to yellow, this indicates the "Setup mode". Click the Create New Group button (with the folder with a plus sign) in the Views section.



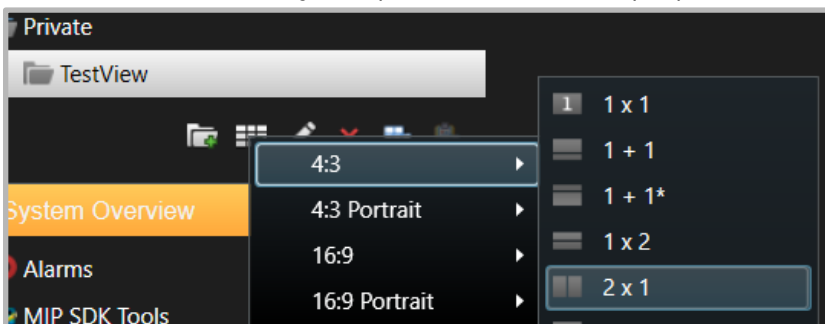
3. Name the new View Group as you wish (TestView in this example).



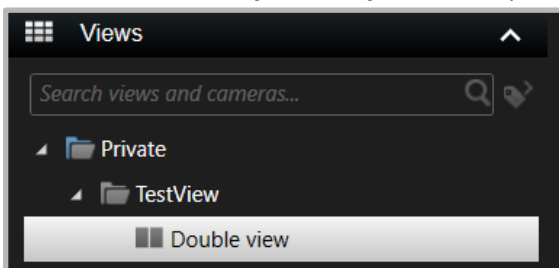
4. Click The Create New View button (with the Grid with plus sign).



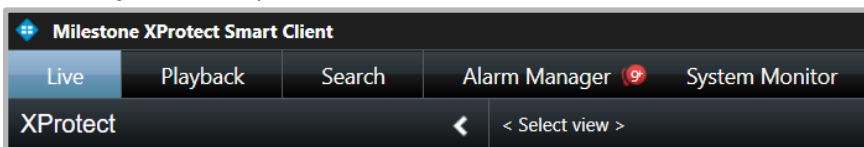
5. Select the desired layout ("2x1" in our example).



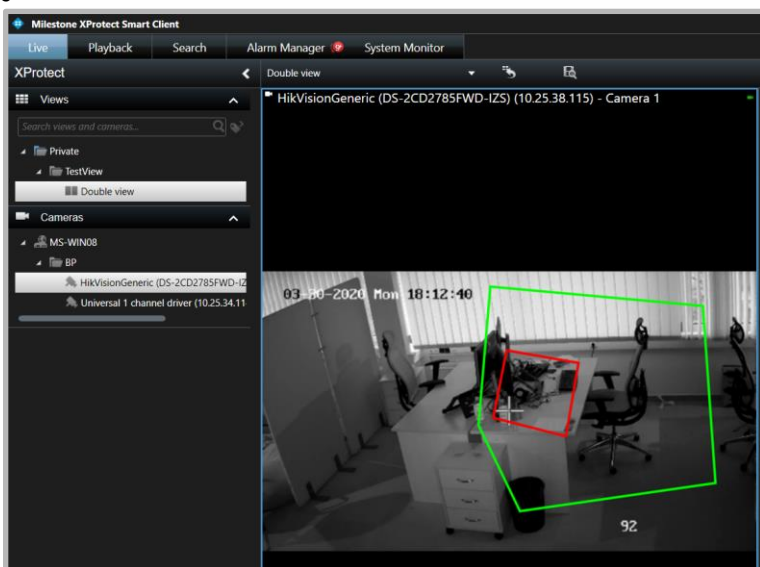
6. Name the new layout as you wish (Double view in this example).



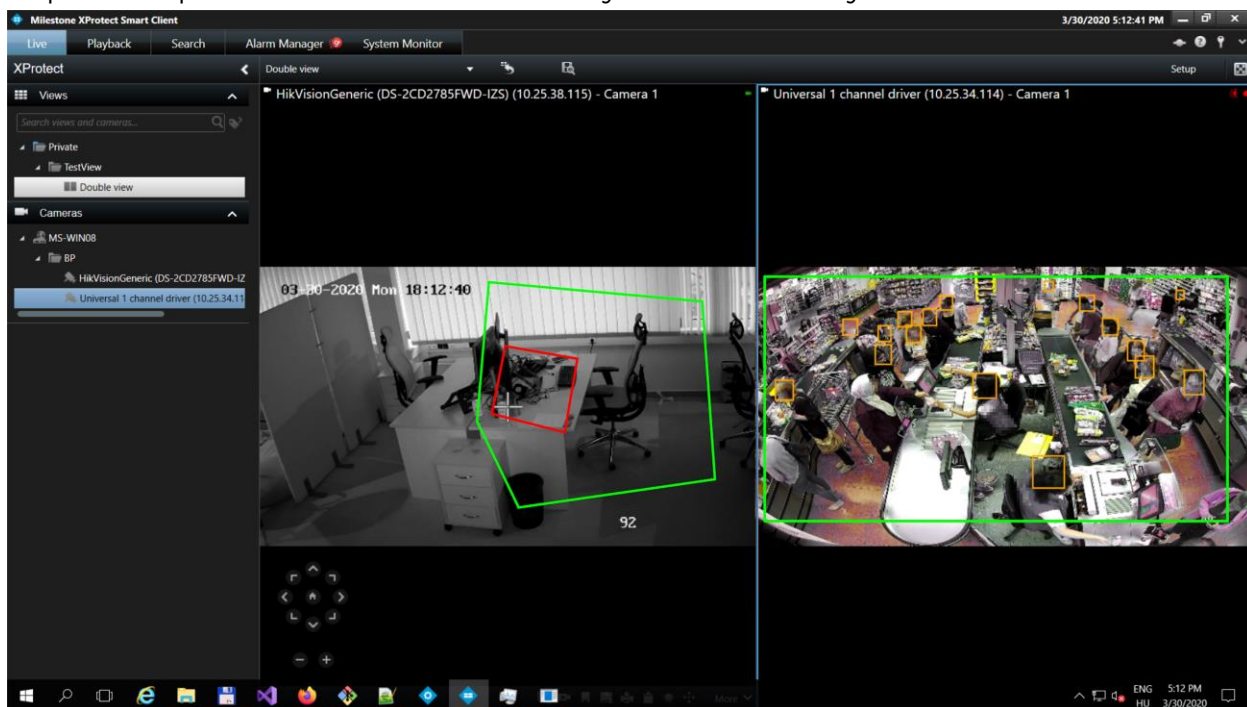
7. Select this view in the main panel. Click the "<Select view>" drop-down and choose your view).



8. Choose a camera from the Cameras section. Drag and drop it to a panel of your new view. You should see the video stream of that camera.



9. Repeat the process for all cameras. Now your view is ready to use.



2.2 Live stream / Playback

Select Live stream mode or Playback mode by clicking the appropriate tab at the top of the window.



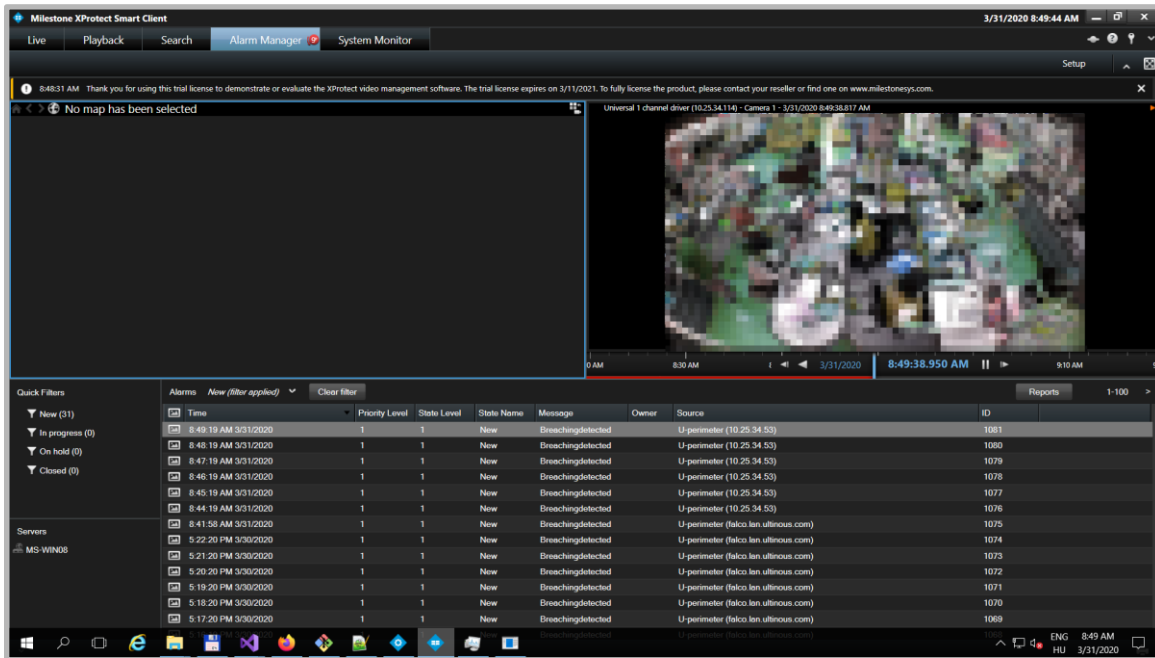
On both modes you can see the detection areas in green. U-perimeter is based on human head detection. Only those detections trigger alarms which are within a green area but not in a red area. If a person is detected in a green area a bounding

box appears around her/his head.

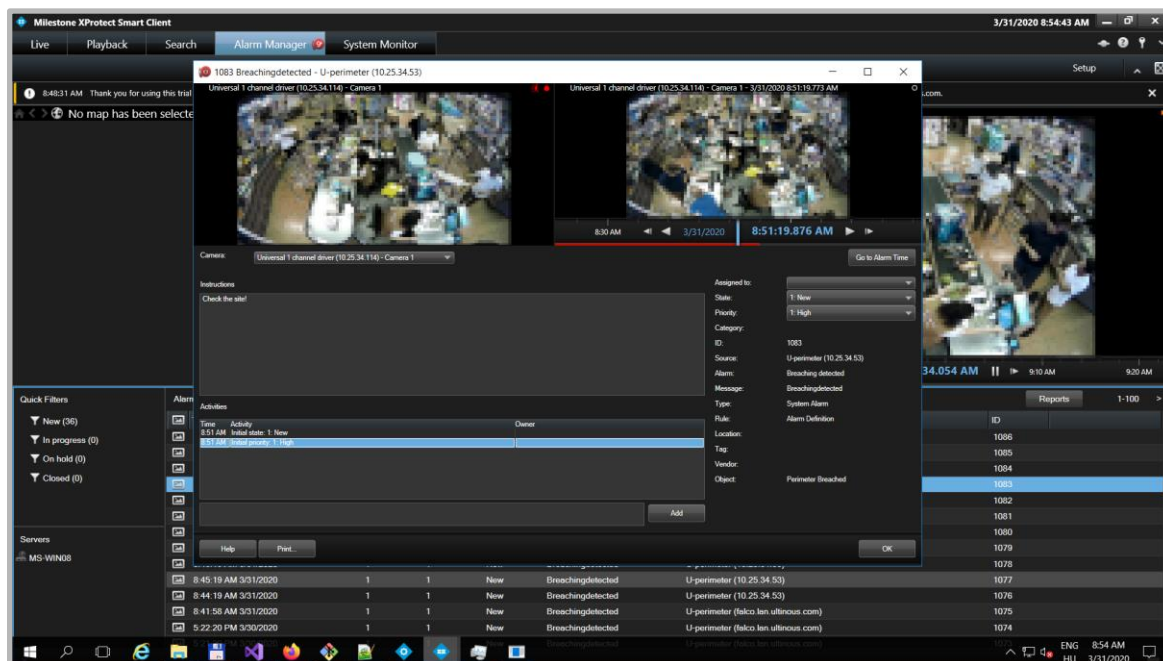


2.3 Alarm

On the Alarm Manager tab each alarm is visible.



Select any alarm to jump to the recorded video (detection annotation is not supported in this version).



3. Support and troubleshooting

3.1. Troubleshooting

Issue: I cannot see the detection area on Live view / Playback.

- Contact your configurator. The area might be unset (therefore the entire screen is the detection area).

Issue: I cannot see bounding boxes on Live view / Playback around people's heads.

- Contact your configurator. The detection sensitivity should be increased.

Issue: I see bounding boxes on Live view / Playback when there are no heads.

- Contact your configurator. The detection sensitivity should be decreased.

3.2. Request help and support

Please contact your integrator or request support directly from Ultinous through one of the following options:

1. Email: support@ultinous.com
2. Ultinous Support Center (customer portal): <http://support.ultinous.com>.