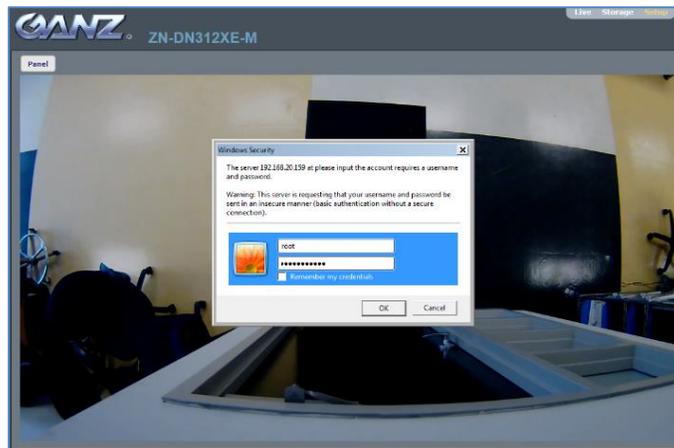
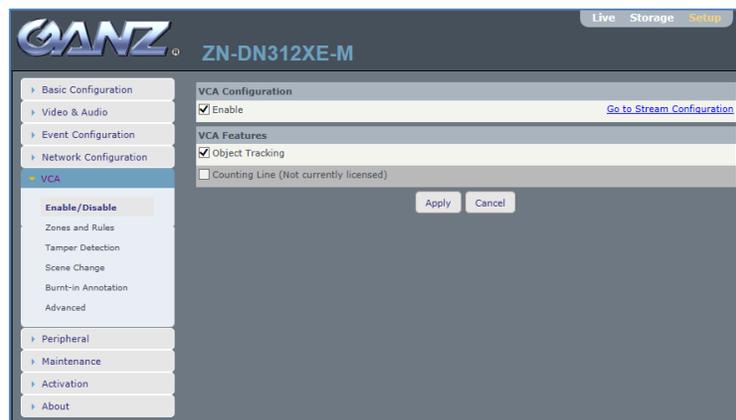


## CORTROL Event Recording based on PixelPro GXi

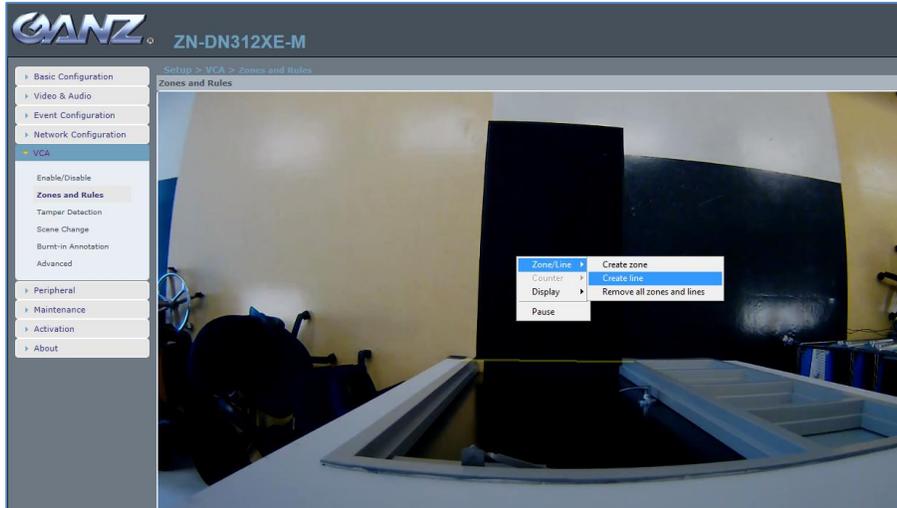
1. The purpose of this guide is to give a general overview of setting up a PixelPro GXi camera with CORTROL Events & Actions Configurator.
2. Setting up the PixelPro GXi
  - a. Note: It is expected that the installer has already configured the PixelPro GXi camera for network access. Only the Imbedded Intelligence should need programming at this point.
  - b. Launch the PixelPro GXi's web interface.
  - c. Log into the PixelPro GXi.
    - i. User ID: root
    - ii. Password: pass



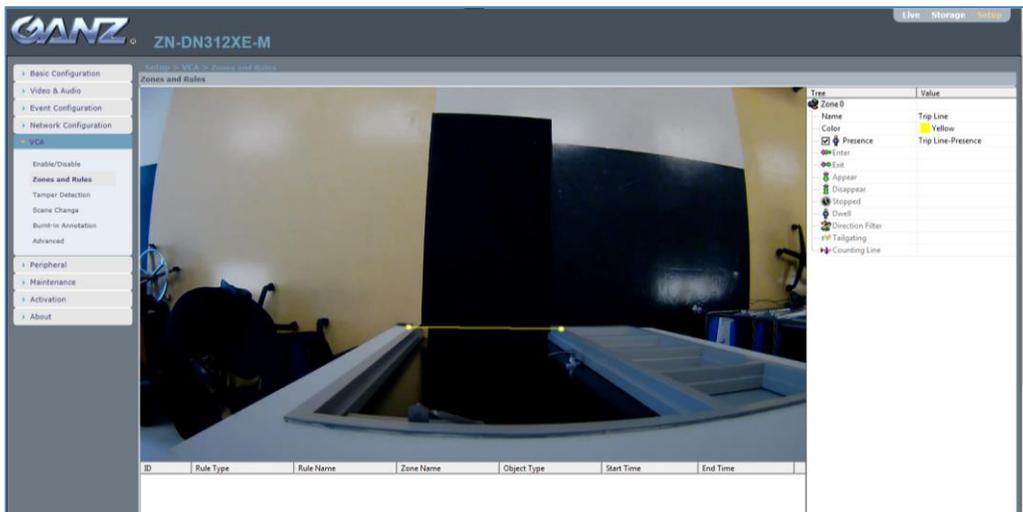
- d. Select "Setup" in the top right corner of the window.
- e. Select "VCA" from the left hand panel.
- f. Select "Enable/Disable" from the left hand panel
  - i. Enable VCA Configuration
  - ii. Enable Object Tracking
  - iii. Click on Apply



- g. Select “Zones and Rules” from the left hand panel.
  - i. Right click with in the display.
  - ii. Select Zone/Line.
  - iii. Select “Create Zone” or “Create Line”
  - iv. Place the zone/line at the require loaction

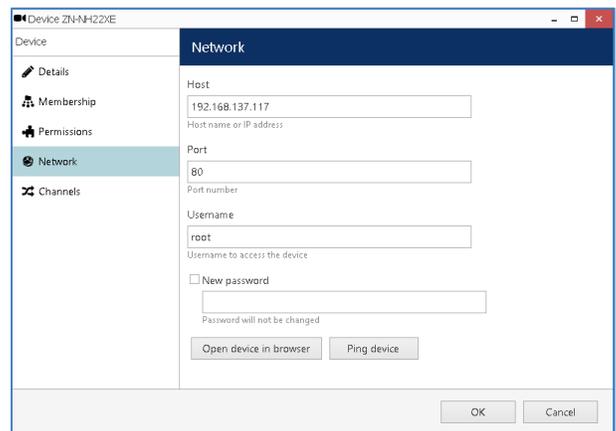
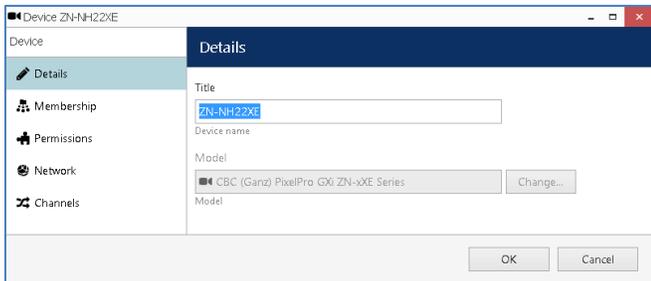


- h. Select the zone or line that was created.
  - i. On the right hand side the panel will reflect the avialable options
  - ii. The following options can be modified;
    - 1. Name: The name should reflect the purpose of the zone/line
    - 2. Color: Change the color so that is stands out with in the display.
    - 3. Presence: The title should reflect the purpose of the rule.
  - iii. Besure to select “APPLY” when done setting the zone/line.
  - iv. Test the effectiveness of the zone/line for detection.
    - 1. Upon detection, and event entry should appear in the bottum view plain.
  - v. If every thing is working, the zone/line is detecting, and registering the event, close out of the browser and launch CORTROL.



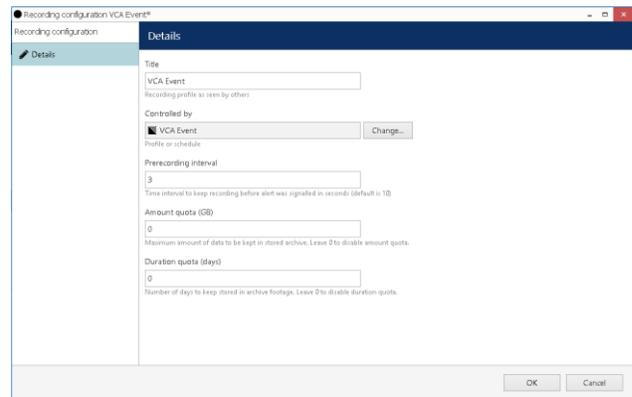
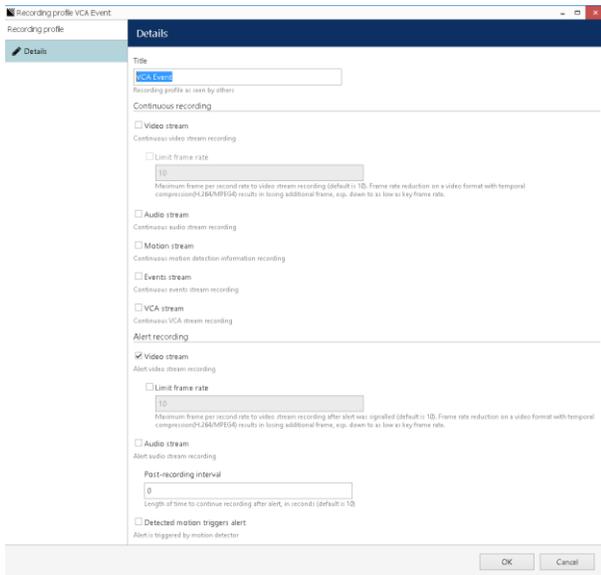
## CORTROL Add Device & Channel

1. Now that the PixelPro GXi is configured to drive an event through an Imbeded Intelligence based trip zone/line, it's time to setup CORTROL to look for and respond to the device driven event.
2. Adding the PixelPro GXi to CORTROL
  - a. Note: It is expected that the installer has already configured CORTROL for network access.
  - b. Launch the CORTROL Management Console, either directly on the Server, or on a Client PC.
  - c. Log into Management Console.
    - i. Default User ID: admin
    - ii. Default Password: "PW created at time of install/setup of CORTROL"
3. Lets add the PixelPro GXi to CORTROL.
  - a. Launch CORTROL Management Console.
  - b. Enter the Username & Password with authorization to access the managemante consol.
  - c. From the left hand side of the management console, select "Devices"
    - i. Click on "New device" and enter the following;
      1. Title: Model or purpose of the PixelPro GXi camera
      2. Model: Vendor/Model – CBC (Ganz) / PixelPro GXi ZN series of camera
      3. Membership: *Selection based on application requirement*
      4. Permissions: *Selection based on application requirement*
      5. Network: Host URL/IP / Port / Username / Password



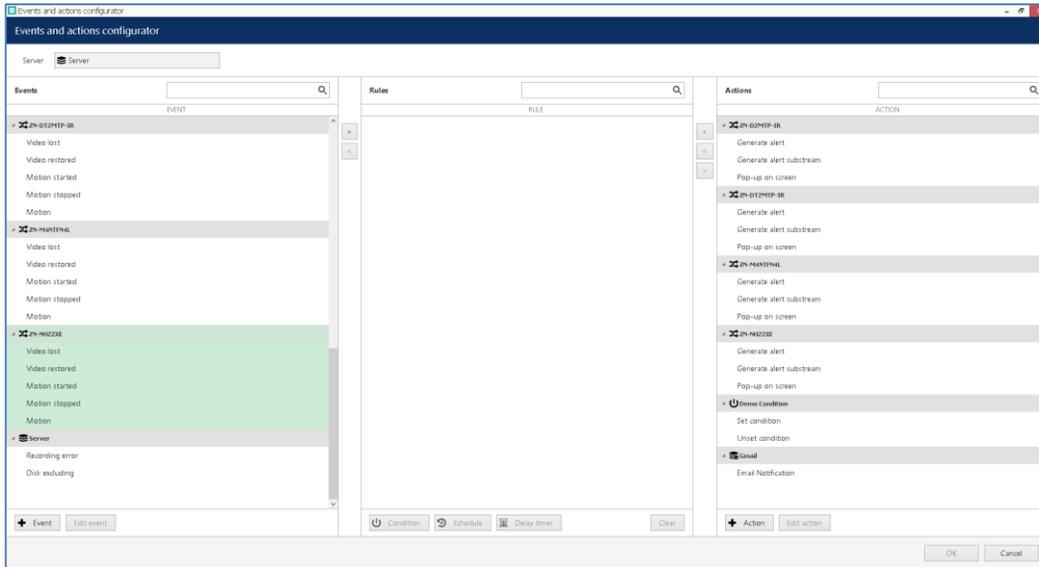
## CORTROL Recording Profile & Configuration

1. The PixelPro GXi Channel requires a recording configuration.
2. From the left hand side of the management consol, select “Recording”
  - a. Click on the dropdown menu to the right of “+New recording configuration” and select “New recording Profile”.
  - b. Title: Enter a relevant title, reflecting the purpose of the event. Example: VCA Event
  - c. Continuous recording: Leave unchecked alloptions.
  - d. Alert Recording:
    - i. Video stream: Check to enable
    - ii. Limit frame rate: configure as required.
    - iii. Audio stream: configure as required.
    - iv. Post-recording interval: configure as required.
    - v. Detected otion triggers alert: Do not check – leave disabled
  - e. Select “ok” to save recording profile.
  - f. Click on “+New recording configuration”.
  - g. Title: Enter a relevant title, reflecting the purpose of the event. Example: VCA Event
  - h. Controlled by: Select the VCA Event recording profile that was created above.
  - i. Prerecording interval: configure as required.
  - j. Amount quota (GB): configure as required.
  - k. Duration quota (days): configure as required.
  - l. Select “ok” to save recording profile.

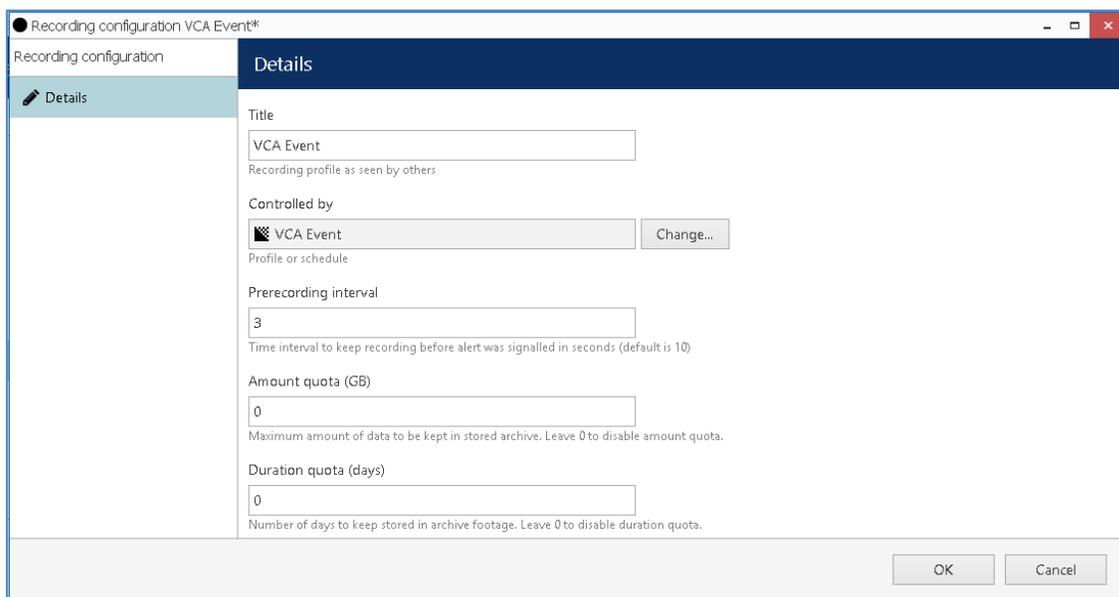


## CORTROL Events & Actions Configurator

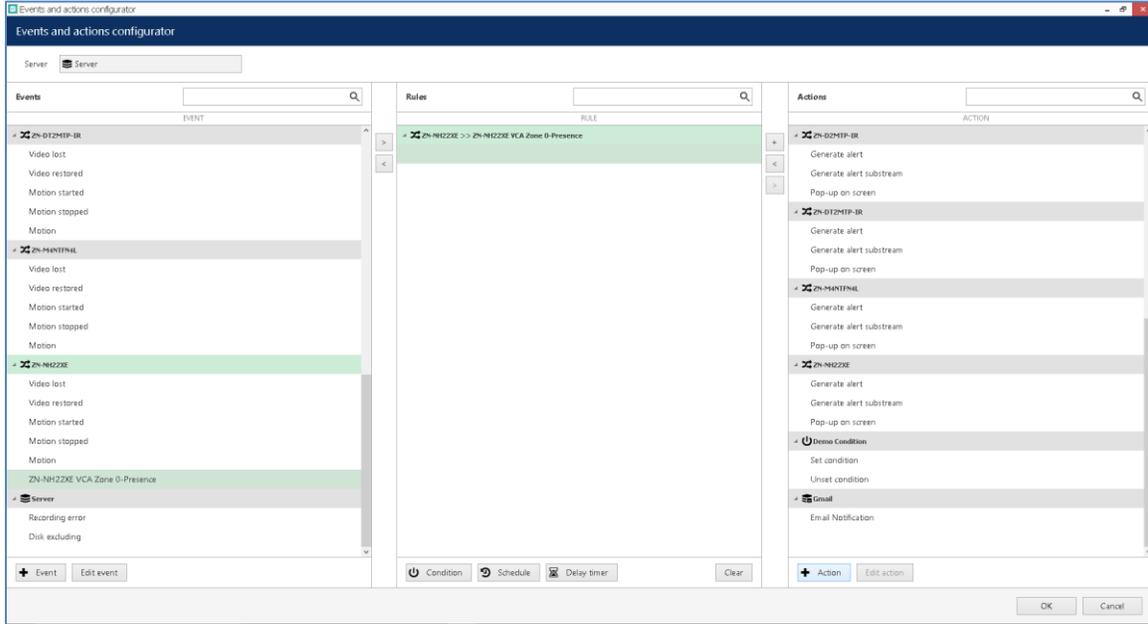
1. Lets add the PixelPro GXi's analytics to the Events & Actions Configurator.
  - a. From the left hand side of the management consol, select "Events & Actions"
  - b. From the "Rules" option, select "Open Configurator" found along top row of options.
  - c. From the "Events & Actions Configurator" note the Events, Rules, and Actions columns.
  - d. From the "Events" column, locate the GXi camera and select it.



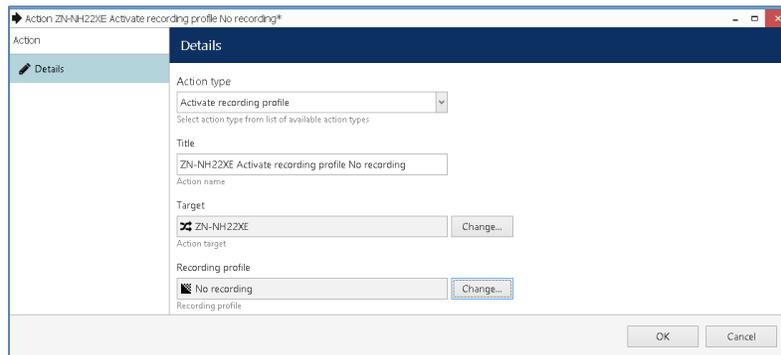
- i. With the GXi camera selected, select the "+Event" option.
  1. From the dropdown menu Event type, select "VCA"
  2. Title: Enter a relevant title, reflecting the purpose of the event.
  3. Source: If the GXi camera is not already selected, click on "Change" and select it now.
  4. From the dropdown menu "VCA Rule" select the required VCA rule.
  5. Select "Ok" to complete the event creation.



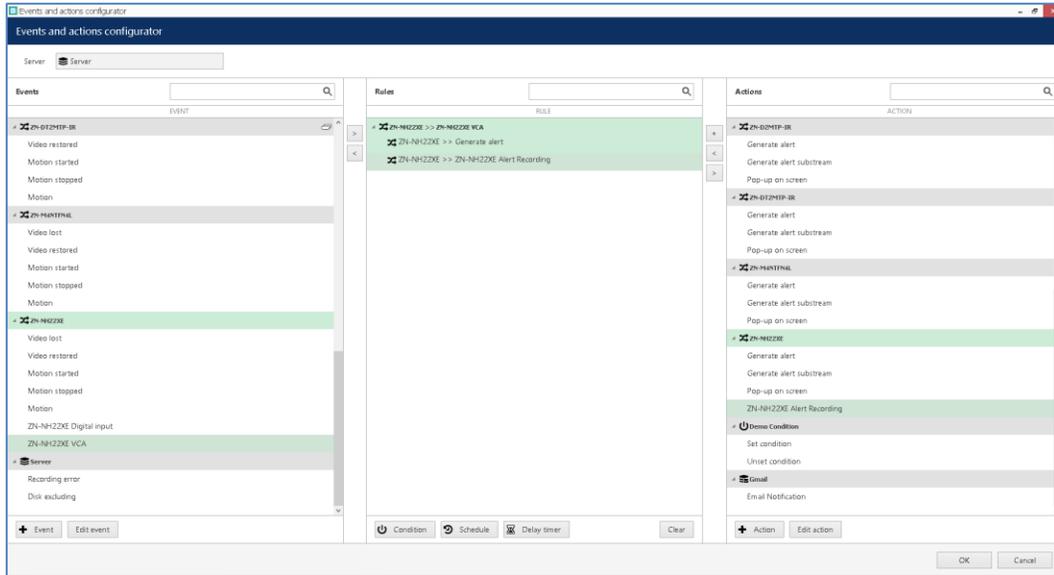
- e. From the “Event” column, select the new VCA event, and then select the right arrow “>”.
  - i. The new VCA event should now be listed under the “Rules” column.



- f. From the “Actions” column, select the “+Action” option along the bottom of the column.
  - i. From the dropdown menu “Action type”, are the following selections;
    1. Write to application log
    2. Activate recording profile
    3. Activate substream recording profile
    4. Send mail
    5. Run program
    6. Activate PTZ preset
    7. Control digital output
    8. Pop-up an object on screen (-s)
    9. Highlight on map or all maps where corresponding Action Target is present
  - ii. From the dropdown menu “Action type”, select “Activate recording profile”
  - iii. Title: Enter a relevant title, reflecting the purpose of the action.
  - iv. Target: If not already selected for the GXi camera, click on “Change” and select it now.
  - v. Recording profile: Click on “Change”, and select “No Recording”.
  - vi. Select “Ok” to complete the action creation.



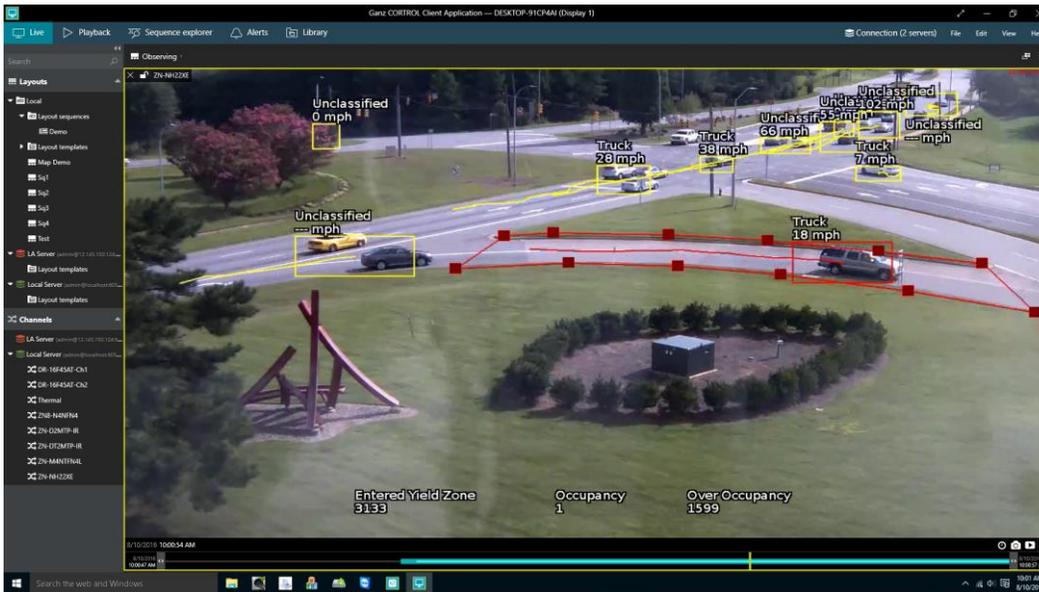
- g. Select the PixelPro GXi Event under the “Rules” column.
- h. From the “Actions column, select PixelPro GXi’s Generate alert, and select the left arrow “<”.
- i. The generate alert action should now be listed under the PixelPro GXi Event under “Rules”.
- i. From the “Actions” column, select the new VCA Action, and then select the “+” icon.
- vii. The new VCA action should now be listed under the PixelPro GXi Event under “Rules”.



- h. At this point “Rules” options such as “Condition”, “Schedule” and or “Delay” can be added.
  - i. When the “Rule” meets the requirement, select “Ok” to save and exit the Configurator.
2. The above is a general walk through of creating a VCA event, with a corresponding action.
- a. Some typical actions from a VCA event are;
    1. Activate recording profile
    2. Activate substream recording profile
    3. Send mail
    4. Activate PTZ preset: *Typically this is separate PTZ camera from the VCA source.*
    5. Control digital output
    6. Pop-up an object on screen (-s)
    7. Highlight on map or all maps where corresponding Action Target is present
  - b. Feel free to use the above and experiment with event and actions with respect to VCA events.

## CORTROL Playback of the event drive recording

1. From CORTROL Client, confirm recording from VCA event driven action.
  - a. From live select the video channel of the PixelPro GXi camera.
  - b. Select the instant playback function.
  - c. Confirm recording for VCA event.



2. From CORTROL Client, confirm recording from VCA event driven action.
  - a. Select the Playback function.
  - b. Confirm recording for VCA event.

