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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

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- 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

GANZ	ZN-DN312XE-M	Live Storage Setup
Basic Configuration Video & Audio Event Configuration Network Configuration	VCA Configuration C Enable VCA Features Object Tracking	Go to Stream Configuration
VCA Enable/Disable Zones and Rules Tamper Detection Scene Change Burnt-in Annotation Advanced	Counting Line (Not currently licensed)	
Peripheral Maintenance Activation About		





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- g. Select "Zones and Rules" from the left hand panel.
 - i. Righ 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.







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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 CORTORL 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 aurthorization 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. Permisions: Selection based on application requirement
 - 5. Network: Host URL/IP / Port / Username / Password

Device	Details	
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👫 Membership	ZN-NH22XE	
🐴 Permissions	Device name	
Network	Model	
•	GBC (Ganz) PixelPro GXi ZN-xXE Series	Change
🔀 Channels	Model	

Device	Network
•	Network
🖋 Details	Host
A Membership	192.168.137.117
Permissions	Host name or IP address
	Port
😂 Network	80
🗙 Channels	Port number
	Username
	root
	Username to access the device
	□ New password
	Password will not be changed
	Open device in browser Ping device
	OK Cancel



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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 relavent title, reflecting the purpose of the event. Example: VCA Event
 - c. Continuous recordng: Leve 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 relavent 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. Duratioin quota (days): configure as required.
 - l. Select "ok" to save recording profile.

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OK Cancel



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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.

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

Recording configuration VCA	Event* 💶 🗸 🗖
Recording configuration	Details
✓ Details	Title VCA Event Recording profile as seen by others Controlled by
	OK Cancel





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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.

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- f. From the "Actions" column, select the "+Action" option along the bottum 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", selet "Activate recording profile"
 - iii. Title: Enter a relavent 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.

iction	Details	
🖋 Details	Action type Activate recording profile Select action type from list of available action types Title	
	ZN-NH22XE Activate recording profile No recording Action name Target	
	X4 ZN-NH22XE Change Action target Recording profile	
	No recording Change Recording profile	





h.

CORTROL GXi Analytics Driven Events

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- g. Select the PixelPro GXi Event under the "Rules" column.
 - 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".

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									0	Cancel

- 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 experiement with event and actions with repect to VCA events.



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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.



