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# Integration Guide AXIS Camera Station and an ACAP Alarm

Created: May 18, 2015 Last updated: May 11, 2015 Rev: 1.1

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Please note that AXIS does not take any responsibility for how this configuration may affect your system. If the modification fails or if you get other unexpected results, you may have to restore the factory default settings as described in the User's manual.

## Introduction

The following document highlights how to add an alarm to Axis Camera Station generated from an ACAP (AXIS Camera Application Platform).

The document explains how to:

- Show an alarm generated from a 3<sup>rd</sup> party ACAP into Axis Camera Station.
- Create a view to show the ACAP within Axis Camera Station (Optional)
- Create a split view to show the ACAP and the camera the same view (Optional)

This following configuration has been tested with the following products and firmware:

*IPS Intrusion Detection (Axis) Vn 5.2.0.13, AXIS P1354 firmware 5.40.19.1 and Axis Camera Station 4.20.* 

Notes:

This process should be similar when implementing other ACAP's. This guide assumes that the ACAP has been configured.

#### Step 1 – Create an event associated with the ACAP alarm

Configure an event trigger associated to the ACAP alarm:

1) Select "Configuration"/ "Event Configuration". Select "New" and then select "Add".



2) Note: In this example we are using an ACAP produced by IPS, but the process will be similar for other applications.

In the add trigger window select **"Device Event"**. Select the camera that is running the ACAP (This will be the name given to the device running the ACAP). In the Event pull down, select "ipsintrusion" in the **CameraApplicationPlatform** 

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Joinigure u	evice event trigger		Configure	device even	t trigger	
Device:	IPS		Device:	IPS		+
Event:		-	Event:	ipsintrusion		-
rigger period:	Filter:	×	Trigger perio	d: 5 📃		second
Fi <mark>lters</mark> Select an even	AudioSource Audio detection	^	Filters			
	CameraApplicationPlatform ipsintrusion		app:	ו	ipsintrusion	*
	Device sensors System Initializing				Alert_TestAlarm	
ctivity:	Input ports Virtual input Digital input port		Activity:		Alert_Detection Alert_Activity	
	Network Network lost					
	PTZ moving View Area 0					
	PTZ Presets View Area 0					
	PTZController Control Queue					(
	Schedule Scheduled interval	~ 🛁		Hel	рОК	Cancel

Tick the event box and the alarm options available will be shown in the pull down menu. Select "Alert\_Detection" to show detection alarms created by the ACAP.

Note in the IPS ACAP there is a test alarm function that is useful for verification of the set up. If this is selected the alarm can be generated from the web viewer to test the configuration.

#### Step 2 – Create actions associated to the trigger

You can now create actions associated with the trigger. The following describes alarm show an alarm within Axis Camera Station and log it with the alarm list.

1) Add the action "Raise Alarm" – Give it a description like "Intruder Alarm". You can also put a description or extra text such as "Alarm from IPS".

New Rule	Add Action	Create Alarm Action
<u>Steps</u> Triggers Actions Schedule Details	Action Beend Raise Alarm Send Consil Live view Set Output Send HTTP Notification Description Raise an alarm on the Server that is sent to all connected Clients. Instructions can be given to operators to initiate appropriate actions.	Adarm message         Title:       Intruder Alarm         Description:       Alarm from IPS         Edit.       Alarm procedure         Pernove       On alarm show alarm procedure:         File name:       Preview         Upload_
	Help OK Cancel	Help OK Cancel

2) You can also add a procedure (tick the box and upload txt file.). This can contain additional information such as who to contact if there is an issue.

An optional action would be to bring the video of the camera to the front. This is optional as this could interrupt the operators viewing of a live security event, so should be discussed when configuring.

3) Add another action "Live View", select the camera with the ACAP in the View and tick the bring application to the front. Press "Next".

New Rule	Add Action			Create Live View Action	
Steps Triggers Actions Schedule Details	Action Record Raise Alarm Gend E-mail Live view Set Outout Send HTTP Notification	Description Navigate the live view workspace to a specific view or camera preset and bring application to the front of open windows.	AddEditRemove	Live view actions On trigger go to: View: Map Camera: IPS Go to preset: No action Bring to front I On trigger bring application to front	
		Help OK Cancel	Finish	Help OK Cancel	

- 4) Configure Schedule if needed.
- 5) Name the Rule "Intruder ACAP" or similar and press finish.

### Step 3 – Create a view to show the ACAP within Axis Camera Station

A useful function within Axis Camera Station is the display of a web page as well as the display of Axis cameras. Here we can actually display the actual ACAP and gain access to extra features.

 Add a new web page by clicking on the "+" symbol on the bottom right hand side and select "New Web Page..."

📑 New Split View	v Web Page		
Rew Sequence Rew Camera View Name	e: IPS Intruder		
New Map Url:	http://192.168.0.91/local/ipsintrusion/index.html		
+	Help OK Cancel		

Give the web link a name and enter the url of the web page (copy and paste from browser). A link to the web page will now be created and an icon will be displayed.



# Step 4 – Create a split view to show the ACAP and the camera the same view within Axis Camera Station

You can also display the web page of an ACAP next to the camera view within a split view. This can be useful to access functionality and information from the ACAP whilst still observing a native view of the camera.

1) Add a new split view by clicking on the "+" symbol on the bottom right hand side and select "New Split View..."

Give the view a name, in this case Intruder ACAP and choose a layout. Next add the desired camera view by dragging the camera from the list into the window, in this case the camera is called IPS.

🐺 New Split View	New Spirt View
<ul> <li>New Sequence</li> <li>New Camera View</li> <li>New Map</li> <li>New Web Page</li> </ul>	Cameras Views Ca
	Empty Cell
	Remove View         Set Hotspot         Remove Hotspot         Help         OK         Cancel

2) Add web page by selecting views. Drag the required web page into the window. Select OK to save.



A view is now created that displays both the camera and the ACAP web page.

