



INTEGRITI AXIS CCTV INTEGRATION MANUAL



INNER RANGE recommends that all Inner Range systems be installed & maintained by FACTORY CERTIFIED TECHNICIANS.

For a list of Accredited Dealers in your area refer to the Inner Range Website.

<http://www.innerrange.com>

Integrati Axis CCTV Integration

Table of Contents

CCTV CAPABILITIES.....	4
CORE CCTV CAPABILITIES	4
ADVANCED CCTV CAPABILITIES	5
INTERCOM CAPABILITIES.....	7
CORE INTERCOM CAPABILITIES	7
ADVANCED INTERCOM CAPABILITIES	8
INTEGRITI AXIS CCTV INTEGRATION COMPATIBILITY	10
REQUIRED INTEGRITI VERSION LICENSE	10
MINIMUM INSTALLED INTEGRITI VERSION.....	10
LICENSING REQUIREMENTS	10
TESTED AGAINST.....	10
INTEGRATION REQUIREMENTS	10
CONFIGURATION	11
PORTS USED	11
CONNECTION CONFIGURATION.....	11
<i>Connection</i>	12
<i>Camera Details</i>	12
LOGGING.....	12
EVENT LISTENER	12
PTZ CONTROL.....	13
LIVE VIDEO	13
PLAYBACK VIDEO	13
EXPORT VIDEO	13
DEVICE CONNECTION CONFIGURATION	14
<i>Connection</i>	14
COMMANDS	15
CCTV RECORDER COMMANDS	15
CCTV CAMERA COMMANDS.....	16
INTERCOM COMMANDS	17
CERTIFICATE CONFIGURATION	18
PREREQUISITES.....	18
CONFIGURATION.....	18
EVENTS CONFIGURATION	20
PREREQUISITES.....	20
CONFIGURATION.....	20
LPR AND MOTION EVENTS CONFIGURATION	23
CONFIGURATION.....	23

T A B L E O F C O N T E N T S

INTERCOM VIRTUAL BUTTONS CONFIGURATION 24
 CONFIGURATION..... 24
TROUBLESHOOTING 25

CCTV Capabilities

Core CCTV Capabilities

<i>Stream Live CCTV Footage</i>	Live CCTV footage can be streamed from online cameras in the CCTV system to an Integriti client.	21	✓
<i>Select Custom Aspect Ratio</i>	Select the aspect ratio to use when streaming CCTV footage on a per-camera or per-recorder basis.	21	✓
<i>Stream Archived CCTV Footage</i>	Archived CCTV footage can be streamed from online cameras in the CCTV system to an Integriti client.	21	✓
<i>Control Archived CCTV Playback Speed</i>	Playback speed of archived CCTV footage can be controlled from the Integriti client.	21	✗
<i>Auto-Play CCTV Footage from Events</i>	Live or archived CCTV footage can be configured to be automatically displayed when an event occurs in the Integriti System on a specific client workstation.	21	✓
<i>Create Child Devices from Camera Configuration</i>	Child CCTV Cameras will be created based on the Camera configuration on Refreshing Child Devices	21	✓
<i>Associate Cameras With Entities</i>	Cameras loaded from the CCTV system can be associated with Integriti Entities to allow direct control of one from the other.	21	✓
<i>Show Associated CCTV From Event</i>	Associated CCTV Footage can be directly accessed and viewed from any event occurring in Integriti that has an associated Camera (either a direct association or through the Entity that triggered the event)	21	✓
<i>Control PTZ Cameras</i>	Send PTZ commands to support cameras on the CCTV system to control the Pan, Tilt and Zoom of the camera directly from the video stream.	21	✓
<i>Send Cameras to PTZ Preset</i>	Send supported PTZ cameras on the CCTV system to preconfigured PTZ presets directly from the video stream.	21	✓
<i>Digital PTZ Control</i>	Digitally zoom the CCTV stream's image for non-PTZ cameras and archived footage.	21	✓
<i>CCTV Layouts</i>	Store a collection of Cameras with an specific viewer layout to be brought up at a later point in time	21	✓

INTEGRITI AXIS CCTV PLUGIN

<i>CCTV Surrounding Cameras View</i>	Show a selected camera, as well as the cameras configured to be N, NE, E, SE, S, SW, W and NW of the selected camera, quickly jumping between surrounding streams directly from the view.	21	✓
<i>Trigger Actions in the CCTV System</i>	Trigger actions or commands in the CCTV system directly from Integriti.	21	✓
<i>View and Control Cameras on Schematics</i>	Cameras can be added to Schematics Maps in Integriti and directly viewed and controlled directly from the Schematic. Each camera's state is immediately visible on the Schematic where available.	21	✓
<i>Sync Time (via NTP)</i>	Sync the time of the CCTV system and Integriti to match via an NTP.	21	✓
<i>Display Connection Status to CCTV System</i>	Display whether or not Integriti is currently connected to the CCTV system.	21	✓
<i>Receive Events/Alarms from the CCTV System</i>	Log events/alarms occurring on the CCTV system to Integriti's Review.	21	✓
<i>Trigger Integriti Actions on CCTV Events/Alarms</i>	Trigger actions to automatically occur in Integriti whenever specific events/alarms are received from the CCTV system.	21	✓
<i>Generate Alerts from CCTV Events/Alarms</i>	Automatically generate and restore Alerts tied to a specific Camera in Integriti whenever specific events/alarms are received from the CCTV system.	21	✓

Advanced CCTV Capabilities

<i>Automatically Load Camera Configuration</i>	Refreshing Child Devices will automatically populate all cameras configured in the CCTV System into Integriti when run. If not supported, camera configuration will need to be manually entered into Integriti.	21	✓
<i>64-bit Integration Server Support</i>	The integration supports being run on the 64-bit integration server.	21	✓
<i>Show Camera Status</i>	The current online/offline status of configured cameras will be visible directly through Integriti.	21	✓
<i>Categorised Review Records</i>	Review generated by the integration will have a different category for different event types, allowing for easy filtering of specific CCTV events	21	✓

INTEGRITI AXIS CCTV PLUGIN

<i>License Plate Recognition</i>	License plates recognised by supported cameras in the CCTV system can be used to automatically allow access to configured Doors.	21	✓
<i>Trigger Inputs on CCTV Event</i>	Inputs in Integriti can be automatically triggered and restored when specified types of events are received from the CCTV system.	21	✓
<i>Control Iris and Focus</i>	Control the iris and focus of supported cameras on the CCTV system directly from the video stream	21	✗
<i>Control PTZ Tours</i>	PTZ Tours can be started and stopped directly from the video stream.	21	✗
<i>Display Video Frame Times</i>	When viewing archived CCTV footage, the time of the current frame will be displayed on the viewer control.	21	✗
<i>Show On-Screen Display</i>	Enable additional information (such as camera name and current playback time) to be displayed as an overlay on video streams.	21	✗
<i>Reverse Playback</i>	When viewing archived CCTV footage, the footage can be played in reverse.	21	✗
<i>Step Forward/Backward</i>	When viewing archived CCTV footage, the footage can be stepped through one frame at a time.	21	✗
<i>Export CCTV Clips</i>	Export video clip of archived CCTV footage to the Evidence Vault or to a file directly from Integriti.	21	✓
<i>Export CCTV Snapshots</i>	Export still snapshot of archived CCTV footage to the Evidence Vault or to a file directly from Integriti.	21	✓
<i>Export Current Frame</i>	Export still snapshot of the current frame in the CCTV Viewer to the Evidence Vault or to a file directly from the CCTV Viewer.	21	✗
<i>Stream Audio With Video</i>	Receive audio from the microphone on a supported CCTV camera through an Integriti client workstation	21	✓
<i>Send Audio to CCTV Camera</i>	Send audio from an Integriti client workstation out of the speakers on a supported CCTV camera.	21	✗

Intercom Capabilities

Core Intercom Capabilities

<i>Receive Events/Alarms from the Intercom System</i>	Log events/alarms occurring on the Intercom system to Integriti's Review.	20	✓
<i>Trigger Integriti Actions on Intercom Events/Alarms</i>	Trigger actions to automatically occur in Integriti whenever specific events/alarms are received from the Intercom system.	20	✓
<i>Generate Alerts from Intercom Events/Alarms</i>	Automatically generate and restore Alerts tied to a specific Intercom in Integriti whenever specific events/alarms are received from the Intercom system.	20	✓
<i>Automatically Show Footage from Associated Cameras</i>	Associated CCTV Footage can be directly viewed from Intercoms, or Intercom events/alarms (with an associated Intercom) where the Intercom has an associated Camera.	20	✓
<i>Display Connection Status to Intercom System</i>	Display whether or not Integriti is currently connected to the Intercom system.	20	✓
<i>Show Intercom Status – Online/Offline/Alarm/Call State</i>	The current online, offline, alarm and call status of configured Intercoms will be visible directly through Integriti.	20	✓
<i>Log Calls Occuring in the Intercom System</i>	Calls occurring in the Intercom system will be logged to Integriti's Review.	20	✓
<i>Categorised Review Records</i>	Review generated by the integration will have a different category for different event types, allowing for easy filtering of specific CCTV events	20	✓
<i>Trigger Inputs on Intercom Event</i>	Inputs in Integriti can be automatically triggered and restored when specified types of events are received from the CCTV system.	20	✓
<i>Trigger Actions in the Intercom System</i>	Trigger actions or commands in the Intercom system directly from Integriti.	20	✓
<i>Unlock Associated Door</i>	Unlock associated Integriti Door/s directly from an associated Intercom Point	20	✓
<i>Associate Intercoms With Entities</i>	Intercoms loaded from the CCTV system can be associated with Integriti Entities to allow direct control of one from the other.	20	✓
<i>Create Child Devices From Intercom Configuration</i>	Child Intercom Points will be created based on the Intercom configuration on Refreshing Child Devices.	20	✓

INTEGRITI AXIS CCTV PLUGIN

<i>View and Control Intercoms on Schematics</i>	Intercoms can be added to Schematics Maps in Integriti and directly viewed and controlled directly from the Schematic. Each intercom's state is immediately visible on the Schematic where available.	20	✓
<i>Sync Time (via NTP)</i>	Sync the time of the Intercom system and Integriti to match via an NTP.	20	✓
<i>Automatically Control Integriti Entities on Intercom Events</i>	Automatically control Integriti Entities on Intercom Events. For example automatically unlocking an associated Door on a Door Unlock event being received from an Intercom	20	✓

Advanced Intercom Capabilities

<i>Automatically Load Intercom Configuration</i>	Refreshing Child Devices will automatically populate all cameras configured in the Intercom System into Integriti when run. If not supported, intercom configuration will need to be manually entered into Integriti.	20	✓
<i>Create Intercom Calls</i>	Create calls between Intercoms in the Intercom system either manually or automatically (from an event) using Integriti.	20	✓
<i>Terminate Intercom Calls</i>	Terminate pending or active calls in the Intercom system either manually or automatically (from an event) using Integriti.	20	✓
<i>Answer Intercom Calls</i>	Answer pending calls in the Intercom system either manually or automatically (from an event) using Integriti.	20	✗
<i>Forward Intercom Calls</i>	Forward active calls in the Intercom system from one Intercom to another either manually or automatically (from an event) using Integriti.	20	✓
<i>Place Intercom Calls On Hold</i>	Place active calls in the Intercom system on hold either manually or automatically (from and event) using Integriti.	20	✗
<i>Specify Call Urgency When Creating Calls</i>	When creating calls between Intercoms in the Intercom system, the urgency of the call can be specified from Integriti.	20	✗
<i>Make/Terminate PA Calls</i>	Create Announcements in the Intercom System to specified Intercoms from Integriti.	20	✗
<i>Adjust Intercom Call Volume</i>	Change the call and/or audio volume of Intercoms from Integriti.	20	✗

INTEGRITI AXIS CCTV PLUGIN

<i>Restart Intercoms Remotely</i>	Restart Intercoms either manually or automatically (from an event) using Integriti.	20	✘
<i>Activate Intercom Relay</i>	Control the On/Off state of a Relay on an Intercom.	20	✘
<i>Control Intercom Audio Streaming Functionality</i>	Start streaming music or audio on selected Intercoms in the Intercom System in Integriti.	20	✘
<i>Initiate Covert Monitoring of Intercoms</i>	Initiate covert monitoring of a specified Intercom in the Intercom system from Integriti. Intercoms can be monitored either via a specified Intercom or directly through the intercom's video viewer (Where supported).	20	✘
<i>Simulate Button Press on Intercom</i>	Simulate the behaviour of pressing a button on a specified Intercom in the Intercom system from Integriti.	20	✔
<i>Soft Button Push To Talk</i>	Simulate a Push-To-Talk button on a selected integration from Integriti - Either as a command or through the call queue interface.	20	✘
<i>Stream Live Footage From Intercom</i>	Stream live video footage directly from an Intercom into Integriti's video viewer.	20	✔
<i>Select Custom Aspect Ratio</i>	Select a Custom Aspect Ratio for video footage streamed from an Intercom.	20	✔
<i>Digital PTZ</i>	Digitally zoom the Intercom Video stream's image.	20	✔
<i>Stream Audio From Intercom</i>	Receive audio from the microphone on a supported Intercom through an Integriti client workstation	20	✔
<i>Send Audio to Intercom</i>	Send audio from an Integriti client workstation out of the speakers on a supported Intercom.	20	✘
<i>64-Bit Server Support</i>	The integration supports being run on the 64-bit integration server.	20	✔
<i>Intercom Call Queue Support</i>	The current call queue for Intercoms on the Intercom System can be viewed through Integriti's call queue interface.	20	✘

Integriti Axis CCTV Integration Compatibility

Required Integriti Version License

The Integriti Axis CCTV Integration requires an Integriti Pro/Infiniti v21 license or higher to be present on the product key running the integration.

Minimum Installed Integriti Version

The Integriti Axis CCTV integration is only compatible with an installation of Integriti Pro or Infiniti that is v21.0 or higher.

Licensing Requirements

Integriti CCTV Integrations require Integriti Business or Integriti Corporate Software Edition.

For Integriti Business, one CCTV License is required per camera to be used in the system. Integriti Business supports 32 Cameras initially, and additional cameras can be added in lots of 8 using the 996921 CCTV - Extra 8 Cameras license. Any unlicensed Cameras will still show up in Integriti; however, they will not be useable.

For Integriti Corporate, unlimited cameras are supported with no additional licenses required.

Integriti Intercom integrations require 1 Intercom license per Intercom to be used in the system. Intercoms do not require a business or Higher license and will work with a Pro License.

Unlicensed Intercoms and Cameras will not show up in Integriti when refreshing child devices.

Tested Against

The Integriti Axis CCTV plugin was built and tested against the following versions of software:

- Axis 5.36.290

Integration Requirements

- The Axis CCTV Plugin requires Axis Media Parser software to be installed. This can be found in the Integrations Prerequisites folder if not installed when installing the plugin.

Configuration

This section specifies the Axis CCTV Integration specific configuration details. Please refer to the 'Integrati Integrations – CCTV' manual for a detailed description on how to fully configure and use CCTV integrations in Integrati/Infiniti.

Ports Used

The following ports are used for communication between the Integrati Axis CCTV Integration and the Axis server/cameras. These ports should be configured in the Integrati Integration Server and any Integrati Client Machine's firewalls to allow the integration to be used.

- 55756 (Axis Camera Station/Main Connection), 55750 (Listener Port/Server events), 80 (Camera/ Camera events)

Connection Configuration

Connection Configuration	
Connection Configuration	@
Connection	
Address	
Login Name	
Password	
Port	55756
Certificate Validation Mode	Default
Logging	
Log Verbosity	Debug
Device Details	
Default Device Username	
Default Device Password	
Event Listener	
Listener Address	*
Listener Port	55750
Listener Username	
Listener Password	
PTZ Control	
Default Pan Speed	50
Default Tilt Speed	50
Default Zoom Speed	50
Video Streaming	
Live Video File Format	Matroska
Preferred Live Video Quality	Highest Available
Live Audio Enabled	<input type="checkbox"/>
Playback Video File Format	Matroska
Preferred Playback Video Quality	Highest Available
Playback Audio Enabled	<input type="checkbox"/>
Export Video	
Export Video File Format	Matroska
Preferred Export Video Quality	Highest Available
Export Audio	<input checked="" type="checkbox"/>
Auto-Save Event Snapshots To Evidence Vault	

Connection

Address – The IP Address of the Server to connect to.

User Name – The Username of the Axis User to connect to the Server with. This User should have sufficient permissions configured in Axis to allow all of the features of the plugin to be used.

Password - The Password of the Axis User to connect to the Server with.

Port – The Port to connect to the Axis Server with. This is found in the Axis Camera Station Service Control under the Mobile communication port.

Certificate Validation Mode - Select the validation mode to use when connecting with an invalid certificate.

Certificate Thumbprint – Enter the thumbprint of the certificate used by the HTTPS connection.

Certificate Serial – Enter the serial of the certificate used by the HTTPS connection to connect to the video feed.

Camera Details

Username – The Username of the device to connect with. This will auto populate to each device when refreshing child devices and will need to be configured individually if each device has different details.

Password - The Password of the device to connect with. This will auto populate to each device when refreshing child devices and will need to be configured individually if each device has different details.

Logging

Log Verbosity - Only logs of the specified level or higher will be logged. If Warning is selected, only Warning, Error and Fatal logs will be written to the log.

Event Listener

Listener Address - The IP of this PC used to uniquely identify this PC for listening to Events from the Axis server. Default this value is set to '*' to accept all incoming data to one Axis Integration from one to many Axis Camera Station servers. Optionally you can fill this field out if you expect to have multiple Axis Integrations connected with persisted connection enabled. This can be found by opening. command prompt and typing ipconfig and finding the ipv4 address.

Listener Port - The Port used to connect to listen to events from the Axis Server. This can be configured in the Axis Recording and events -> Action rules created for Motion and many other events and is 55750 by default. This port should be configured in the Integriti Integration Server and any Integriti Client Machine's firewalls to allow it to be used.

Listener Username – Optional field allowing the ability to secure the communication between the server and Integriti. Configure a username here and in the Axis Camera Station Client under Recording and events -> Action rules and select the appropriate Action.

Listener Password – Optional field allowing the ability to secure the communication between the server and Integriti. Configure a password here and in the Axis Camera Station Client under Recording and events -> Action rules and select the appropriate Action.

PTZ Control

Pan Speed – Select a percentage of speed that the cameras will perform a Pan PTZ Operation.

Tilt Speed – Select a percentage of speed that the cameras will perform a Tilt PTZ Operation.

Zoom Speed – Select a percentage of speed that the cameras will perform a Zoom PTZ Operation.

Iris Speed – Select a percentage of speed that the cameras will perform an Iris PTZ Operation.

Focus Speed – Select a percentage of speed that the cameras will perform a Focus PTZ Operation.

Live Video

Live Video File Format – Select a render method for the video. Audio only supported with Matroska Video File Format.

Preferred Live Video Quality – Select the quality of the footage you want to view. Highest Available will get the best quality possible.

Live Audio Enabled – Select if you want to hear audio.

Playback Video

Playback Video File Format – Select a render method for the video. Audio only supported with Matroska Video File Format.

Preferred Playback Video Quality – Select the quality of the footage you want to view. Highest Available will get the best quality possible.

Playback Audio Enabled – Select if you want to hear audio.

Export Video

Export Video File Format – Select a render method for the video. Audio only supported with Matroska Video File Format.

Preferred Export Video Quality – Select the quality of the footage you want to view. Highest Available will get the best quality possible.

Export Audio – Select if you want to hear audio.

Device Connection Configuration

▼ Connection Configuration	
▼ Connection Configuration	AxisCCTVPlugin.CameraDetails
▼ Device Details	
IP Address	192.168.140.208
Port	80
Username	
Password	

Connection

IP Address – The IP Address of the device to connect to. Will be auto filled when refreshing child devices.

Port – The Port of the device to connect to. Will be auto filled when refreshing child devices.

Username – The Username to connect to the device. This User will default to what is configured in the server configuration and can be changed if all devices do not have the same details. This is not required if all Cameras and Intercoms have the same details and is entered in the recorder settings under the defaults.

Password - The Password to connect to the Device. This User will default to what is configured in the server configuration and can be changed if all devices do not have the same details.

Commands

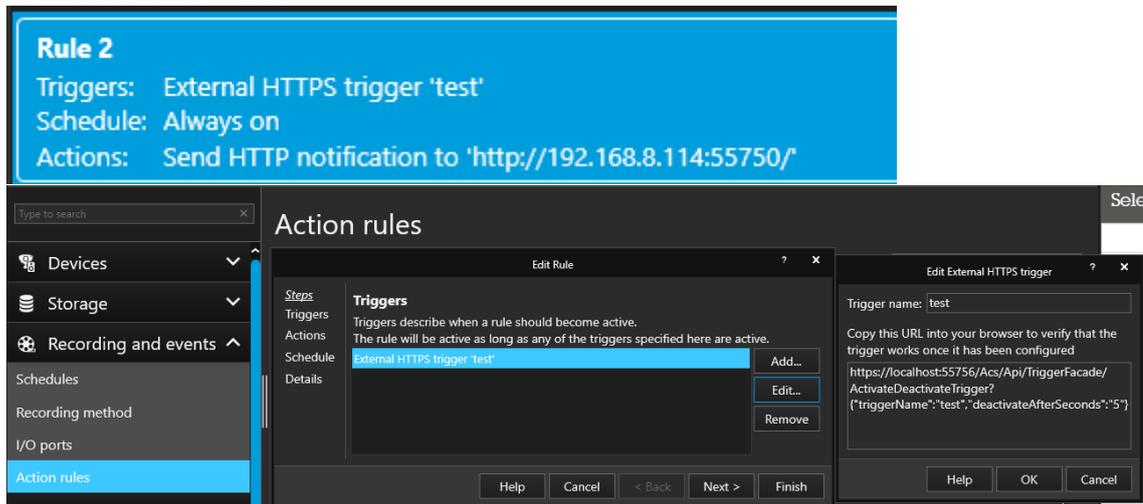
CCTV Recorder Commands

The following commands can be performed on a CCTV Recorder:

Trigger Event

Activates the Action Rules identified by the Trigger name in the Axis system. A Trigger must have been configured in the selected Axis system with the given name for this command to work. The Trigger can be used to trigger further commands in Axis system. See the Axis documentation for further details on configuring Action rules.

The Trigger name is shown under the Configuration tab in the recording drop down section with Action rules button. It is shown by the Triggers property in between the quotation marks as shown below with 'test'.



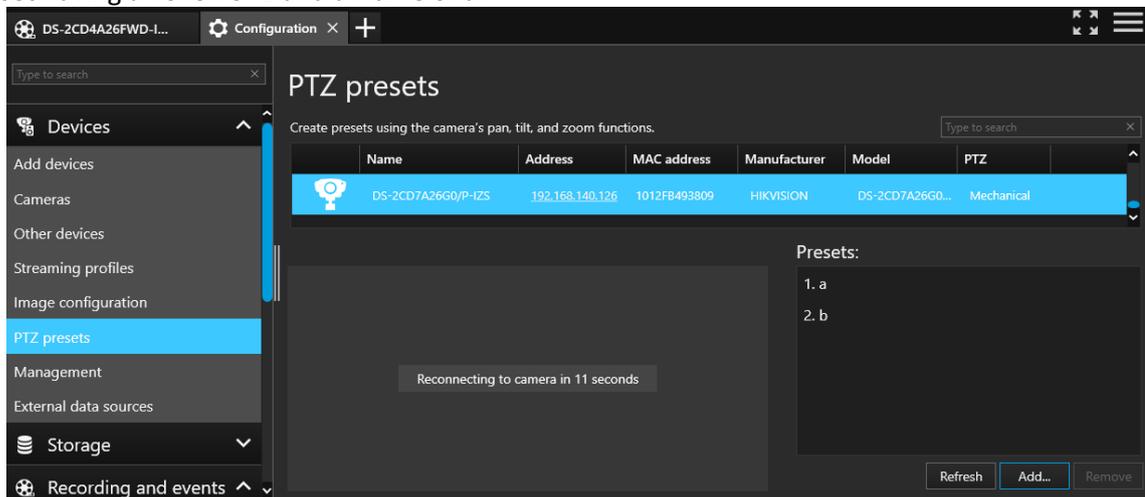
CCTV Camera Commands

The following commands can be performed on a CCTV Recorder:

Send Camera To PTZ Preset

Sends the select Camera to the PTZ Preset with the 'PTZ Token/Name' given.
 The selected Camera must be online at the time the command is sent and have a PTZ Preset configured with the given token or name for this command to work. See the Axis documentation for further details on configuring Presets.

Preset Token and Names can be found under the Configuration tab inside the Devices dropdown with the PTZ Presets Button. The token and Name are under the 'Presets:' title. The number is the Token and the character/words are the Name as shown below with the first preset having a Token of 1 and a Name of a:



Intercom Commands

The Intercom commands can be all operated through the Invoke Commands which can be found by right clicking an Intercom Point and selecting the Invoke Command option.

The following commands can be performed on a CCTV Recorder:

Call Intercom	Call an Intercom from the selected Intercom.
End Call	End the call for an Intercom.
Forward Call	Forward a call from one intercom to another.
Simulate Button Press	Activates the Action Rules identified by the Trigger name in the Axis system. A Trigger must have been configured in the selected Axis system with the given name for this command to work. The Trigger can be used to trigger further commands in Axis system. See the Axis documentation for further details on configuring Action rules.

Certificate Configuration

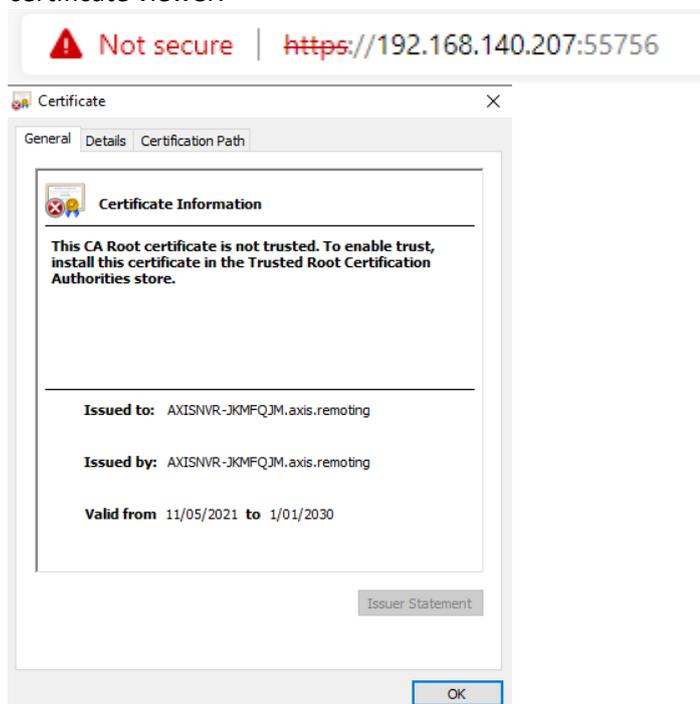
This section specifies Axis CCTV Integration specific configuration details. Please refer to the 'Integrati Integrations – CCTV' manual for a detailed description on how to fully configure and use CCTV integrations in Integrati/Infiniti. Events such as Camera Status, Recording Stopped, Disk Error and Disk Warning will already be setup.

Prerequisites

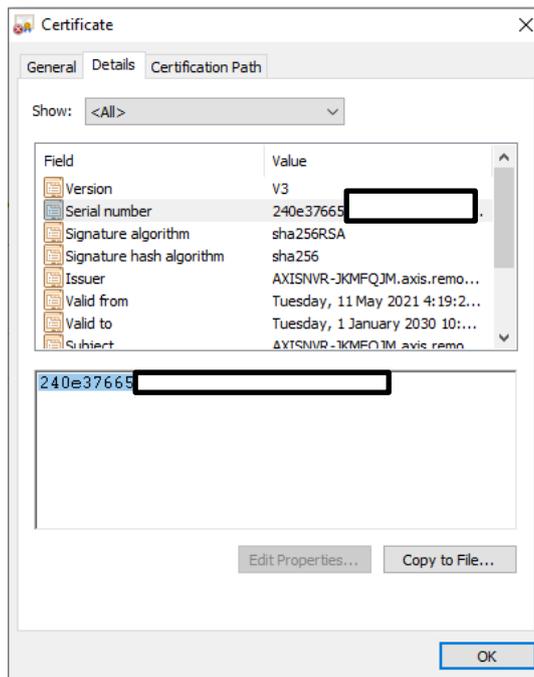
1. Install the Axis Camera Station Client on the server

Configuration

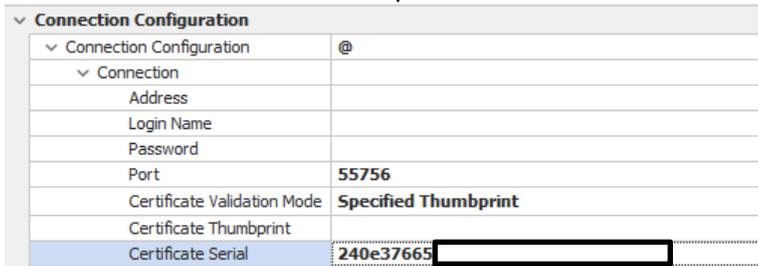
1. Paste the URL of the server into a web browser (This is known to work with Firefox, Chrome and Edge). Click the "Not secure" text in the URL search bar and open the certificate viewer.



2. Go the Details tab and find the listing for Serial number and copy the value listed.



3. Go into Integriti and open the Integration system select Specify thumbprint on the Certificate Validation Mode and paste the value into the Certificate Serial property.



4. Adding a thumbprint is the same process, finding it in the Certificate details viewer.

Custom Events Configuration

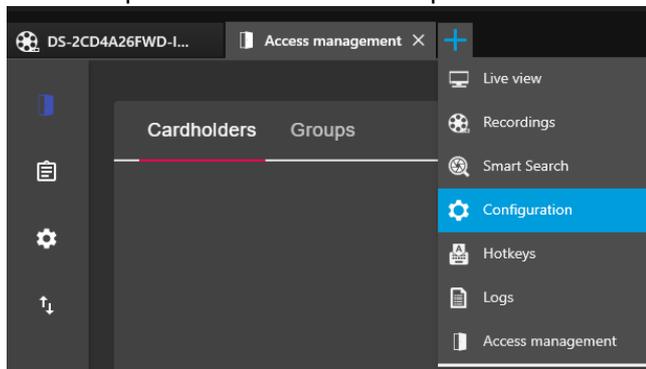
This section specifies the Axis CCTV Integration event configuration details. Please refer to the ‘Integrati Integrations – CCTV’ manual for a detailed description on how to fully configure and use CCTV integrations in Integrati/Infiniti. Events such as Camera Status, Recording Stopped, Disk Error and Disk Warning will already be setup. LPR, Motion and some other events will need to be setup as defined in the below section.

Prerequisites

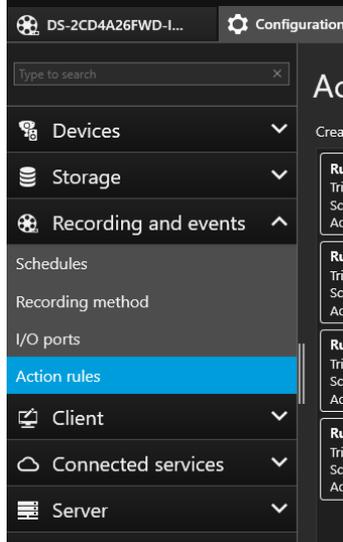
2. Install the Axis Camera Station Client

Configuration

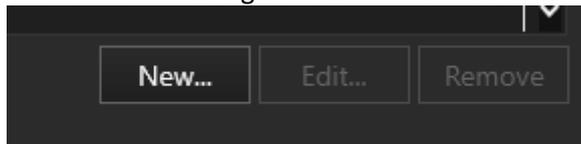
5. Press the plus on the Tabs at the top of the screen and select configuration.



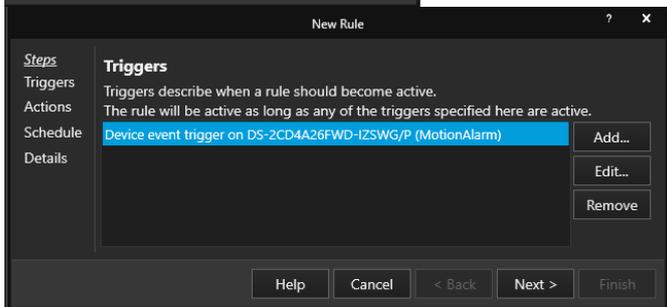
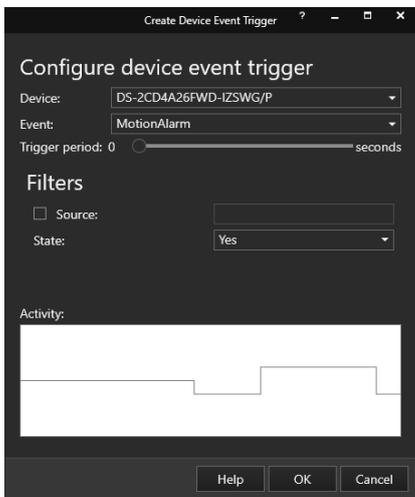
6. Expand the Recording and events tab on the left of the screen and select Action rules.



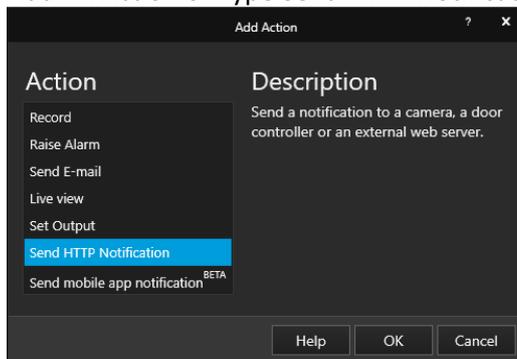
7. Go to the bottom right of the screen and click the ‘new’ button.



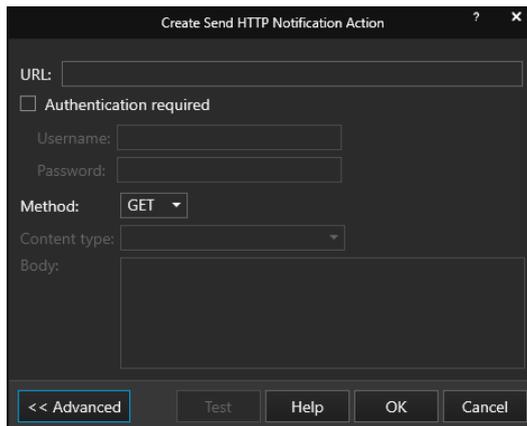
8. Add a Trigger for the event you want to log in Integrati and select ‘Next >’



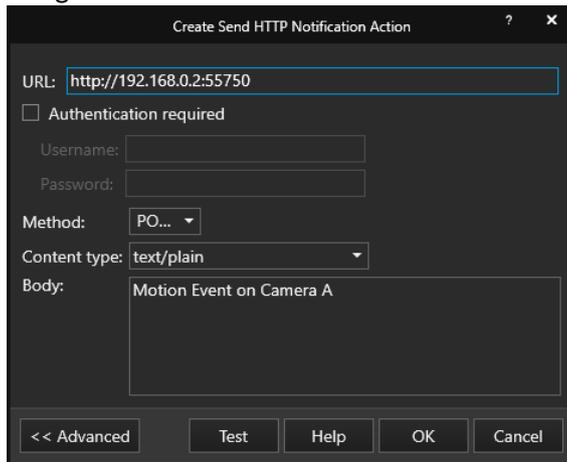
9. Add An Action of Type Send HTTP Notification



10. Expand the Advanced Section



11. The URL is the address of the Integrity server with the listener port configured in the recorder settings (Default Listener port: 55750).
12. The format is as follows: <http://{{IPAddress}}:{{ListenerPort}}>
13. Eg. <http://192.168.0.2:55750>
14. Optionally add Authentication required with a username and password for security and set the Listener Username and Password in the Recorders Integrity settings.
15. Set the Method to Post and the Content type to text/plain
16. In the Body section write the name of the event in which you want it to appear as in Integrity.



17. Save the HTTP Notification Action with Ok and Then select finish.
18. You are ready to receive events in Integrity from Axis.

LPR, Motion and other Common Events Configuration

This section specifies the Axis CCTV Integration event configuration details. Please refer to the ‘Integrati Integrations – CCTV’ manual for a detailed description on how to fully configure and use CCTV integrations in Integrati/Infiniti. LPR.

Configuration

1. When initial setting up the Integrated device, enter the Default Username and Password for the camera. If all cameras have the same details this is all that needs to be done.

Connection Configuration	
Connection Configuration	Axis@192.168.140.207
> Connection	
> Logging	
Camera Details	
Default Camera Username	root
Default Camera Password	*****
> Event Listener	

2. If a camera is not sending events to Integrati or passwords or usernames are different on each device you will see this message in the logs.

Warning CCTVServer64 Axis CCTV [...] [Axis CCTV] Parsing Vapix events error for AXIS P1448-LE: AMP_E_ACCESSSDENIED
 Warning CCTVServer64 Axis CCTV [...] [Axis CCTV] Parsing Vapix events error for AXIS P1448-LE: AMP_E_ACCESSSDENIED
 Warning CCTVServer64 Axis CCTV [...] [Axis CCTV] Parsing Vapix events error for AXIS P1448-LE: AMP_E_ACCESSSDENIED

3. Go to the Individual camera in Integrati and enter the different login details for the individual camera.

The screenshot shows the configuration page for a CCTV camera. On the left, the camera name is 'AXIS P1448-LE'. On the right, the 'Connection Configuration' section is expanded, showing a table with the following details:

Connection Configuration	AxisCCTVPlugin.CameraDetails
Camera Details	
IP Address	192.168.140.157
Port	80
Username	root
Password	*****

4. Restart Persisted Connection and Motion events and LPR will work.

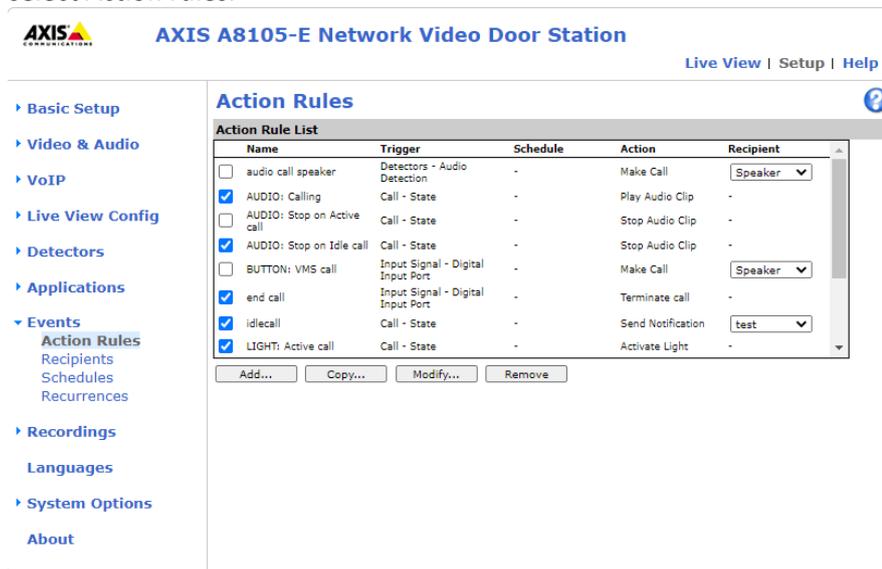
The screenshot shows a context menu with the following options:

- Edit (Enter)
- Duplicate (Ctrl+D)
- Export
- Delete (Delete)
- Restart Persisted Connection** (highlighted)
- Show Associated Review
- Show on Map
- Invoke Command

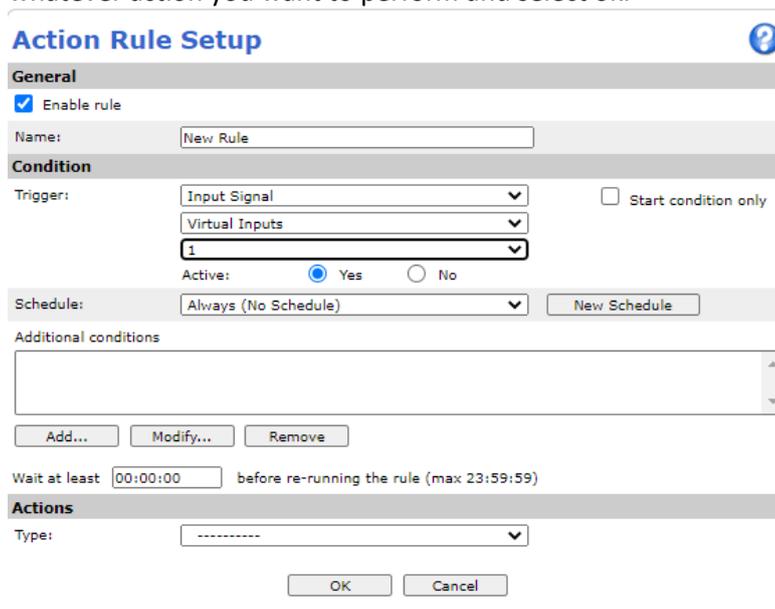
Intercom Virtual Buttons Configuration

Configuration

1. Get the IP Address of the Intercom you want to create virtual buttons for from the Individual Camera Details settings in Integrati.
2. Select setup at the top right and expand the Events tab on the left of the screen and select Action rules.



Select Add and set the trigger to input signal and virtual Inputs. Add an Action for whatever action you want to perform and select ok.



Troubleshooting

AMP_E_NET_PROBLEMS

- IP address for Camera or Intercom may have changed. To fix this open the device's Configuration and look under Connection Configuration -> Device Details and set the new IP address there. Restart the persisted connection for the integration.

AMP_E_ACCESSDENIED

- Username and/or password incorrect for Camera or Intercom may have changed. To fix this open the device's Configuration and look under Connection Configuration -> Device Details and set the username and password and restart the persisted connection for the integration.

No Events coming through

- Do you have the prerequisites installed?
- Do you notice the above two warnings in the Inner Range Log viewer or an error in the device's summary in Integriti?
- Have you installed the Motion or LPR plugins onto the Axis Camera?
- Have you configured the Events as described under LPR and Motion Events Configuration section above?

Video feed not working

- Does the footage work on the Axis server, if not check Axis documentation for configuring the camera?

Camera that is supposed to have PTZ controls does not and Camera that is not supposed to have PTZ controls does have them.

- Set/Check the User's Privileges in Axis Camera Station software to not allow/allow the user to have PTZ access to that specific Camera.