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Table of Contents

Introduction	3
Pelco Sarix Value	3
Creating a Site	3
Adding a Camera	3
Configuring the device	4
Adjusting Camera Video Settings	5
Enabling Camera Motion Detection	6
Creating an Event	7
Editing Camera Email Settings	8
Adding a Camera Event Schedule	9
Creating a Camera Event Trigger1	0
Troubleshooting Questions1	1
Adding your Monitoring Station SMTP Details	2
Accessing Calipsa Account Settings1	2
Editing Global Configuration1	2
Inputting Your Credentials1	3

Introduction

This guide covers the steps required to integrate your Pelco cameras with the Calipsa platform. Other common integration steps, such as configuring your system to send alarms to your gmail account are also covered.

Pelco Sarix Value

This guide outlines the manual process of configuring a Pelco Sarix Value camera to send email alerts to Calipsa.

Creating a Site

- 1. Under Add sites, enter the Site Name.
- 2. When asked is this a DVR/NVR site, select No.
- 3. Click Add site.

Add sites	
Site name Required	Timezone
Test site	GMT+01:00 Europe/London 😔
Is this is a DVR / NVR site?	
Yes No	
Cancel	Add site

Adding a Camera

1. Once the site has been created, click add camera in the left-hand tree.



- 2. Under Camera name, enter the camera's name.
- 3. Under **Notification email**, enter the email address where you would like these alarms to be sent to e.g., Immix S-number, Gmail address, etc.
- 4. Click Add camera.

Required		
Enter camera nam	ie	
	m	
example@email.co		
example@email.co		

Configuring the device

1. Under Configuration, click Edit.

•••	False Alarm Filter	Active False elemis are currently being filtered	never
•••	Video Loss Detection	Video-lass from foulty cameros will not be detected	
	Mask off certain areas of the	camera view to help Calipsa focus on areas of interest.	
		shot needed before you can	
		create a mask.	
		ø	You haven't created any maskings.
		shot will be taken the next time an alarm is triggered, please try again later.	
	Current sourcebet is continent	ion involutione	
	hat "Hefresh photo" to capture a	new anopshot. This will take effect once the alarm has been triggered	
	uration Edit comero's nom	e, notification remail, and settings.	

2. Under Configure, click on the blue icon to the right of Configuration email. The email address is now copied to your clipboard.

Configure
Name
Required
Pelco Test Camera
Notification email
user@myserver
Configuration email
Cancel Save

- 3. Log in to your Pelco Sarix Valve device.
- 4. Under System, select TCP/IP.
- 5. Set the primary DNS to 8.8.8.8.
- 6. Set the secondary DNS to 8.8.4.4.

PELCO.		Home	Configuration	Language	Log out (root)
System	Network > General settings				
Media	Network type				
Network	LAN				
General settings	 Get IP address automatically 				
Streaming protocols	Use fixed IP address	102	160 1 75		
DDNS	IP address:	255	255 255 0		
QoS	Subnet mask:	102	169 1 1		
SNMP	Default router:	9.9	0.0		
Bonjour	Primary DNS:	8.8	4.4		
Security	Primary WINS server:	0.0.			
Digital PTZ	Secondary WINS server:				
Event	Enable UPnP presentation				
	Enable UPnP port forwarding				
Applications					
Recording	Enable IPv6				
Storage					Cauc
					Save
Version: 01.0.0.4					

Adjusting Camera Video Settings

- 1. Under Configuration, select Media, then select Video.
- 2. Open Video Settings for Stream 3. If not available, choose Stream 2.
- 3. Under Video Settings, select H.264.
- 4. Under Frame size, select 640x480.

- 5. Under Maximum frame rate, select 1 fps.
- 6. Intra frame period: 1 S
- 7. Smart stream II
- 8. Select Dynamic intra frame period
- 9. Select Smart Codec
- 10. Mode: Auto tracking
- 11. Quality priority: Middle Setting
- 12. Under Bit rate control:
 - Select Fixed quality:
 - Set Quality: Good
 - Set Maximum bit rate: 1 Mbps
- 13. Click Save

PELCO.	Home Configuration Language Log out (root)
System	Media > Video
Media	Mode Stream
Image	Video settings for stream 1 Viewing Window
Video	Video settings for stream 2 Viewing Window
Audio	✓ Video settings for stream 3
Media profiles	O H.265
Network	● H.264
Security	Resolution: 640x480 V
Distal DTZ	Maximum frame rate: 1 fps 🗸
Digital PTZ	Intra frame period: 1 S 🗸
Event	Smart Compression
Applications	Dynamic group of pictures ((<u>help</u>))
Recording	Smart FPS
	Smart region of interest:
Storage	Mode: Auto tracking 🗸
	Quality priority: ((help))
	Bit rate control
	 Constrained bit rate:
	Fixed quality:
	Quality: Good 🗸
	Maximum bit rate: 80 Mbps 🗸
	_ JPEG
	Save
Version: 01.0.0.4	

Enabling Camera Motion Detection

- 1. Under Configuration, select **Applications**, then select **Motion Detection**.
- 2. Select Enable motion detection.
- 3. Draw an area of interest within the Normal light mode window.
- 4. You can create multiple motion detection zones after clicking Save then New
- 5. Item size: drag the slider until the red box is no smaller than the size of a human
- 6. Sensitivity: adjust the sensitivity slider so that motion is only detected for objects the size of a

human or larger

7. Click Save



Creating an Event

- 1. Click Configuration \rightarrow Event \rightarrow Event Settings
- 2. Select Add within the Media menu
- 3. Media name: Calipsa
- 4. Select Snapshot
- 5. Source: Stream 3 (or whichever stream you setup in Step 2 of this guide)
- 6. Send 2 pre-event images
- 7. Send 2 post-event images
- 8. Click Save media

PELCO.	Home Configuration Language Log out (root)
	Event > Event settings
	Name Status Sun Mon Tue Wed Thu Fri Sat Time Trigger
	Motion ON V V V V V V 00:00~24:00 motion Delete
	SD Card ON V V V V V V V 00:00~24:00 recnotify Delete
Event	
Event settings	ia name: Pelco Calipsa dedia type
Applications	ttached media: Delete
Recording	Snapshot
Storage	Source: Stream 3 🗸
	Send 2 pre-event image(s) [0~7]
	Send 2 post-event image(s) [0~7]
	File name prefix:
	Add date and time suffix to file name
	○ Video clip
	System log
	Save media Close
Version: 01.0.0.4	

Editing Camera Email Settings

- 1. Under the Server settings menu, select Add.
- 2. Server name: Calipsa.
- 3. Select Email.
 - Sender email address: <paste the Calipsa configuration email address here>
 - Recipient email address: <paste the Calipsa configuration email address here>
 - Server address: smtp.calipsa.io
 - User name: <blank>
 - Password: <blank>
 - Server port: 25
- 4. Click Test.
- 5. Click Save Server.

PELCO.	Home Configuration Language Log out (root)
System	Event > Event settings
Media	
Network	Name Status Sun Mon Tue Wed Thu Fri Sat Time Trigger Motion ON V V V V V 00.00-24:00 motion Delete
Security	SD Card ON V V V V V V V 00:00~24:00 recnotify Delete
Digital PTZ	
Event	erver name: Pelco Calipsa Email
Event settings	erver type
Applications	Sender email address: xxxxxxxx@monitoring.calipsa.jo
Recording	Recipient email address: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Storage	Server address: smtp.calipsa.io
<i>3</i> -	User name:
	Password:
	Server port 25
	This server requires a secure connection
	⊖ FTP
	_ нттр
	Network storage
	Test Save server Close
Version: 01.0.0.4	

Adding a Camera Event Schedule

- 1. Under the Event menu, select Add.
- 2. Enter the following information:
 - Event name: Calipsa
 - Select Enable this event
 - Priority: High
 - Detect next motion detection of digital input after: 1 second.
 - Click Schedule
 - Select Sun, Mon, Tue, Wed, Thu, Fri, Sat
 - Time: Always

✓ Enable this event monty: Figh ✓ Vetect next motion detection or digital input after 1 second(s). Event schedule ✓ Sun Ø Mon Ø Tue Ø Wed Ø Thu Ø Fn Ø Sat Time Ø Ahrays From Inproce To 24 one Tithe ment		
I. Schedule Second(s). Event schedule Second(s). I. Schedule Sum Ø Mon Ø Tue Ø Wed Ø Thu Ø Fn Ø Sat Time Ahrays From mon Ø for Ø fo		
Letect next motion detection or digital input after 1 second(s). Event schedule Sum Ø Non Ø Tue Ø Wed Ø Thu Ø Fri Ø Set Time		
Schedule Schedule Sun Ø Non Ø Tue Ø Wed Ø Thu Ø Fn Ø Sat Time Always From instrume Time		
Schedule Sun @ Mon @ Tue @ Wed @ Thu @ Fri @ Sot Time Always From instruct to 24.000 [Thh mm]		
Always From log no. 10 24 00 [thit mm]		
Always From en no to 24.00 [thit ment]		
+ From 00:00 to 24:00 [hh:mm]		
Contraction of the second		
2. Trigger		
+		
3. Action		
	Save event	Close

Creating a Camera Event Trigger

- 1. Click Trigger.
- 2. Select Video motion detection.
- 3. Select **Normal** Motion 1. Also select any other motion detection zones you created within the Motion Detection table.

Event name: Calipsa			
 Enable this event 			
Priority: High 🗸			
Detect next motion detect	tion or digital input after 1 second(s).		
	Trigger		
1. Schedule	 Video motion detection 		
	Normal: 🗹 Motion1		
	Profile:		
	Note: Please configure Motion detection first		
2. Trigger	O Periodically		
	 System boot 		
+	Recording notify		
3. Action	 Audio detection 		
	 Camera tampering detection 		
	 Manual triggers 		
	○ VADP		
	Set VADP Trigger		
		Save event	Ciose

- 4. Click Action.
- 5. Under Server, select Calipsa.
- 6. Under Media, select Calipsa.
- 7. Click Save event.
- 8. Repeat these steps until you have configured all cameras to Calipsa.

The camera screenshot will appear in Calipsa once an alarm is triggered.

	Action	ada itthe extend	is disconnected		
1. Schedule	Server	Media	is disconnected	Extra parameter	
2. Trigger	☐ SD ✓ Calipsa Add server	Calipsa V Add medi	a 🔾		

Sustem												
System	Event											
Media	Name	Status	Sun I	Mon	Tue	Wed	Thu	Fri	Sat	Time	Trigger	
Network	Calipsa	OFF	v	v	v	v	v	v	۷	00:00~24:00	motion	Delete
Security	Add	He	D									
PTZ	Server sett	ings										
	Name	Тур	e				A	ddres	ss/Lo	cation		
Event	Calipsa	ema	il .					smtp	calip	sa.io		Delete
Event settings	Add											
Applications	Media											
Recording	Available mem	ory space	ce: 16	000K	В							
Local storage	Name		Туре									
cocal storage	Add	5	napsh	ct								Delete
	- Customiz	ed seri	pt –									
	Name		Date	,		Т	ime					
	Add											
Version: 0209a												

Troubleshooting Questions

Q: Test email was unsuccessful, what can I try next?

A: Change the SMTP Port from 25 to 26 and try the test again.

Q: I'm still not seeing any alarms come into the Reporting page on the Calipsa dashboard.

A: Make sure the device firmware is completely up to date:

- Log in to your Pelco Sarix Value camera.
- Under Configuration, select System, then select Maintenance.
- Visit the manufacturers website and upgrade the firmware to the newest version supported by your particular device.

	System > Maintenance								
System	General settings Import/Export files								
General settings Homepage layout Logs	- Upgrade firmware Firmware file: Browse	Upgrade							
Parameters	- Reboot								
Maintenance		Reboot							
Media									
Network	- Restore								
Wireless	Restore all settings to factory default except settings in Network Daylight saving time Custom language VADP	Restore							
Security									
РТZ									
Event									
Applications									
Recording									
Local storage									
[Basic mode]									
Version: 010012									

Adding your Monitoring Station SMTP Details

This guide is for manually configuring Calipsa to forward true alarms to your monitoring station software via email.

NOTE: Please ensure our Calipsa IP addresses are whitelisted on your monitoring station software before completing this setup. Otherwise the true alarms sent to you may get blocked. See the *Calipsa Email Alarm Notifications Manual* for instructions on Whitelisting Calipsa's IP addresses.

Accessing Calipsa Account Settings

- 1. Log into your Calipsa account.
- 2. In the bottom left-side panel, select Settings.



Editing Global Configuration

- 1. Under Account Settings, navigate to Global configuration.
- 2. Next to Global configuration, click Edit.



Inputting Your Credentials

Under Global configuration, input the credentials of your monitoring station software. The credentials include the server information you would have had the cameras/NVRs alarming to before incorporating Calipsa into your process.

- 1. Under Host/IP Address, enter the IP address/DNS of your server
- 2. Under HTTP port, enter the HTTP port number. If unsure, try entering 25.
- 3. Under Username and Password, enter the login credentials for your server. If you are using Immix, leave this section blank.
- 4. Under Test Email, use the example email address belonging to that sever. For example, S123@immixalarms.com for an Immix server.
- 5. Test the connection.
- 6. If connected, click **Save**.

NOTE: These settings will automatically apply to all new sites added. To direct a specific site to a different location, you will need to change the monitoring station SMTP details on the site level.

Configuration Edit site name, notification email and settings.	Save & Done
1. Name & Time	O
2. Monitoring Station SMTP	©
3. Notification via email Receive an email notification when this site receives an alarm	○

Troubleshooting Questions

Q: The Test email said successful however I cannot see a test email received in Calipsa.

A: If the test fails please follow the steps below in order.

- 1. Check that you whitelisted our relevant IP addresses within your monitoring station sever.
- 2. Check that you entered the correct credentials. Even the test email needs to be an email address that exists within your server.
- 3. Try enabling "Use proper Helo". this is a different method of connection to fit with the additional security requirements of some systems.
- 4. Reach out to the Calipsa support team by submitting a request or emailing: support@calipsa.io

Q: Can I send alarms to an email address instead?

A: Yes you can send to an email server as long as the specified email server allows it within their security settings. Please see the *Calipsa Email Alarm Notifications Manual* for an example.



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