



Calipsa® Pelco Sarix Value Integration User Guide

Document number: C6743M

Publication date: 02/23

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Introduction

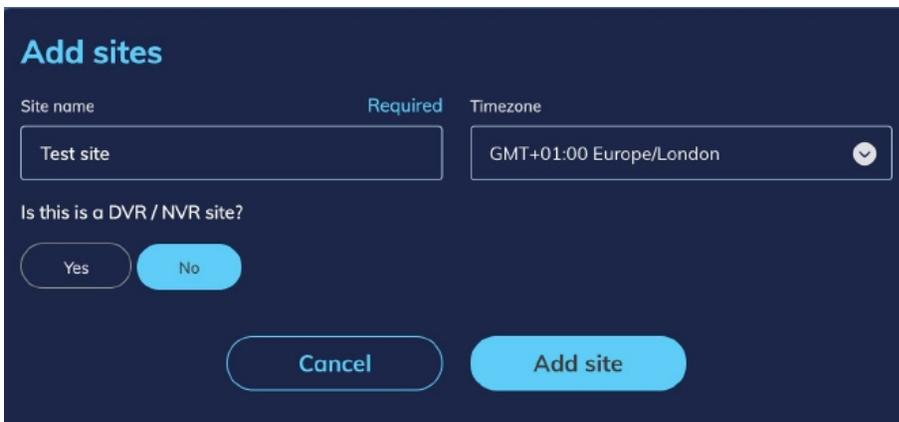
This guide covers the steps required to integrate your Pelco cameras with the Calipsa platform. Other common integration steps, such as configuring your system to send alarms to your gmail account are also covered.

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

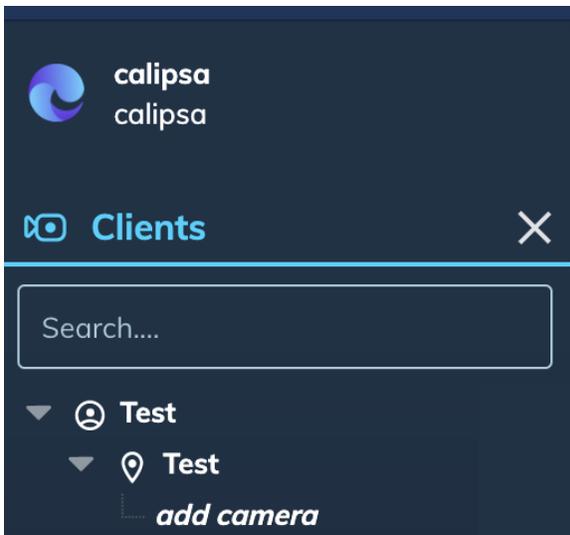
1. Under Add sites, enter the Site Name.
2. When asked is this a DVR/NVR site, select **No**.
3. Click **Add site**.



The screenshot shows a dark-themed 'Add sites' form. At the top left is the title 'Add sites'. Below it are two input fields: 'Site name' with a 'Required' label and a text box containing 'Test site'; and 'Timezone' with a dropdown menu showing 'GMT+01:00 Europe/London'. Below these is a question 'Is this is a DVR / NVR site?' with two radio buttons, 'Yes' and 'No', where 'No' is selected. At the bottom are two buttons: 'Cancel' and 'Add site'.

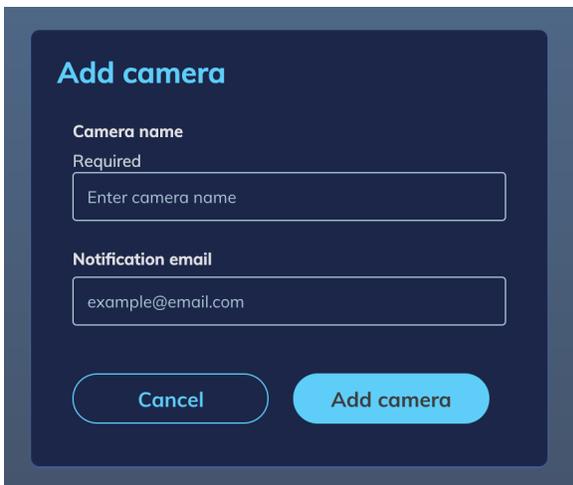
Adding a Camera

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



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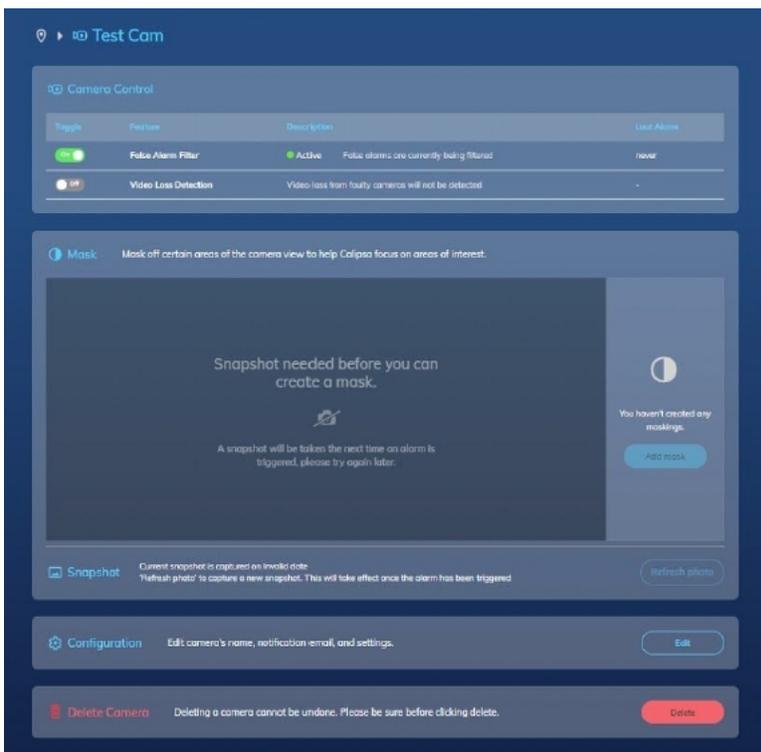
2. Under **Camera name**, enter the camera's name.
3. Under **Notification email**, enter the email address where you would like these alarms to be sent to e.g., Immix S-number, Gmail address, etc.
4. Click **Add camera**.



The screenshot shows a dark blue modal window titled "Add camera". It contains two input fields: "Camera name" with a "Required" label and a placeholder "Enter camera name", and "Notification email" with a placeholder "example@email.com". At the bottom, there are two buttons: "Cancel" and "Add camera".

Configuring the device

1. Under Configuration, click **Edit**.



The screenshot shows the "Test Cam" configuration page. It has a navigation bar with "Test Cam" and a location pin icon. Below the navigation bar is a "Camera Control" section with a table of features:

Toggle	Feature	Description	Last Alarm
<input checked="" type="checkbox"/>	False Alarm Filter	Active: False alarms are currently being filtered	never
<input type="checkbox"/>	Video Loss Detection	Video loss from faulty cameras will not be detected	-

Below the table is a "Mask" section with a message: "Mask off certain areas of the camera view to help Calipsa focus on areas of interest." It shows a large dark area with a "Snapshot needed before you can create a mask." message and a "Refresh photo" button. To the right, it says "You haven't created any maskings." with an "Add mask" button.

Below the mask section is a "Snapshot" section with a message: "Current snapshot is captured on invalid date. Refresh photo to capture a new snapshot. This will take effect once the alarm has been triggered." and a "Refresh photo" button.

At the bottom, there are two sections: "Configuration" with an "Edit" button and "Delete Camera" with a "Delete" button.

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
[Redacted]

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

General settings
Streaming protocols
DDNS
QoS
SNMP
Bonjour

Security
Digital PTZ
Event
Applications
Recording
Storage

Version: 01.0.0.4

Network type

LAN

Get IP address automatically

Use fixed IP address

IP address: 192.168.1.75

Subnet mask: 255.255.255.0

Default router: 192.168.1.1

Primary DNS: 8.8.8.8

Secondary DNS: 8.8.4.4

Primary WINS server:

Secondary WINS server:

Enable UPnP presentation

Enable UPnP port forwarding

PPPoE

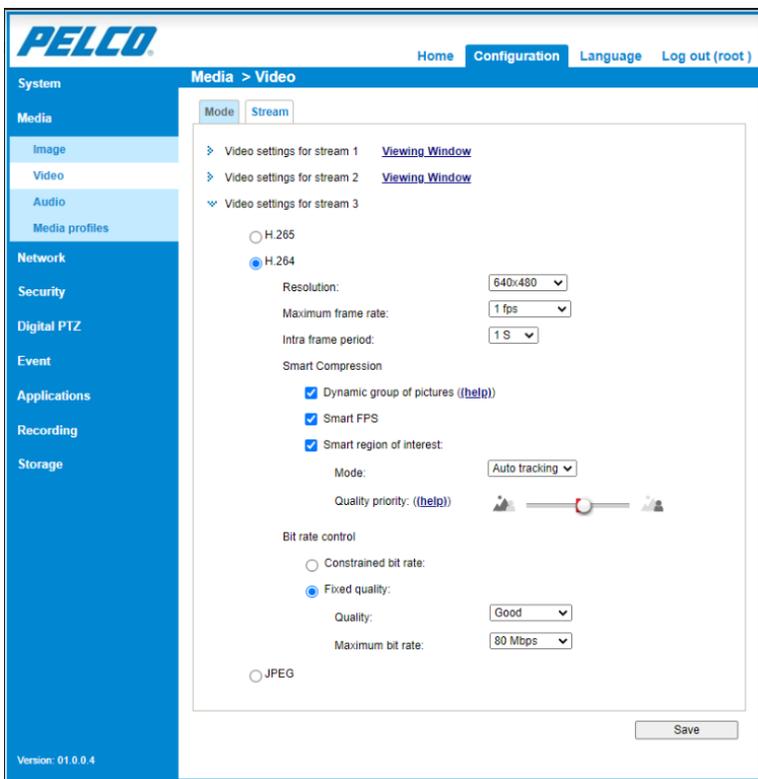
Enable IPv6

Save

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**

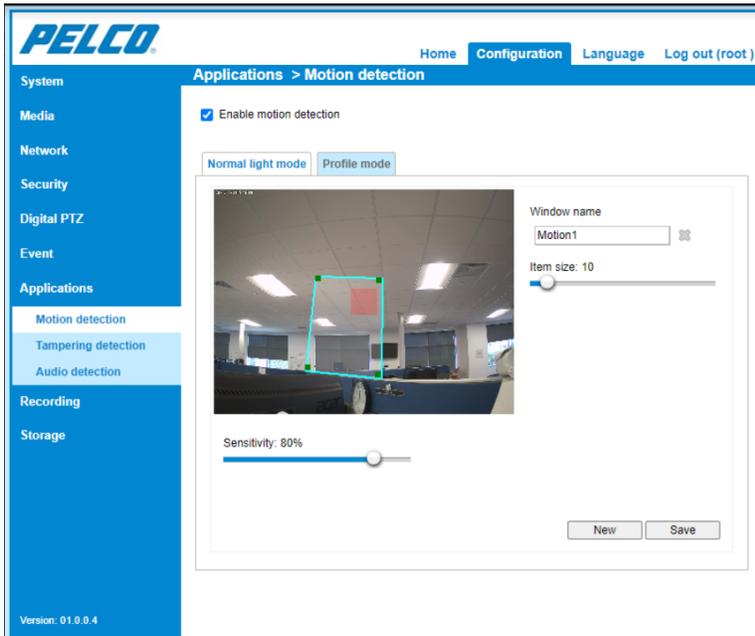


Enabling Camera Motion Detection

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

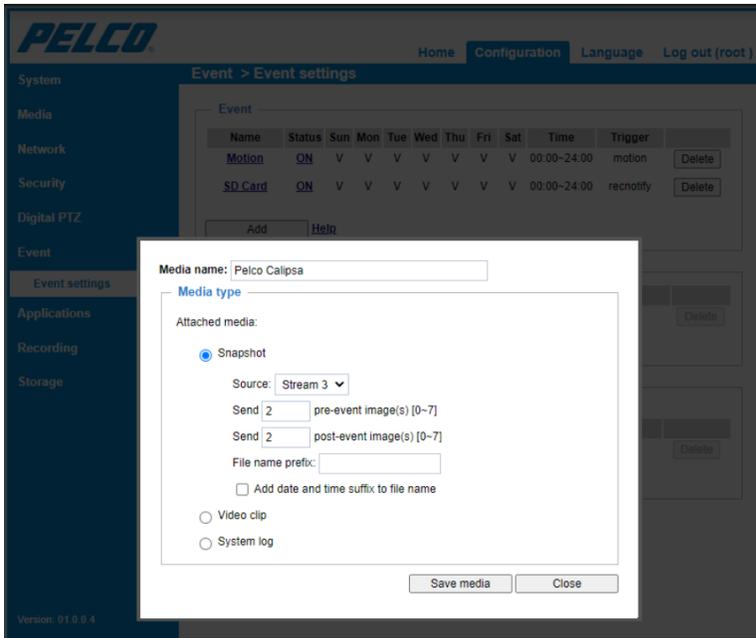
human or larger

7. Click **Save**



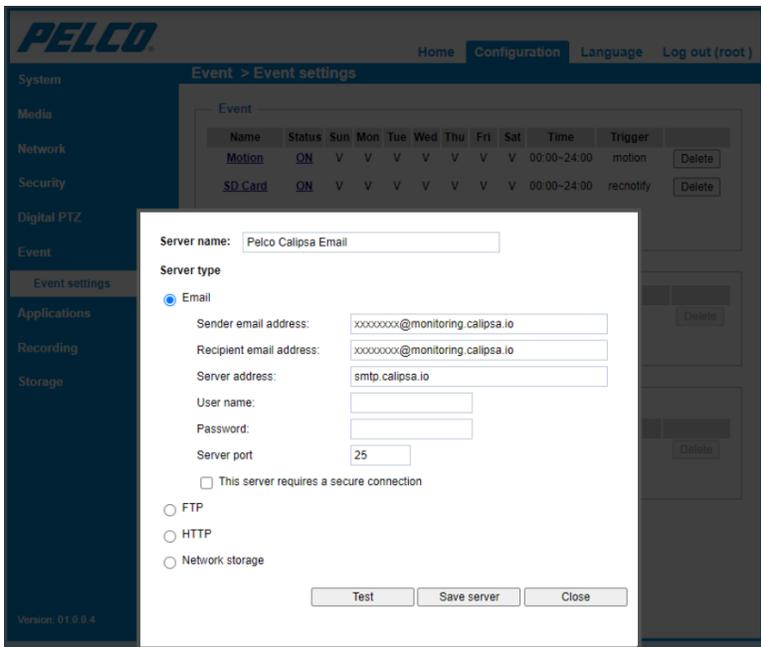
Creating an Event

1. Click **Configuration** → **Event** → **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**



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**.



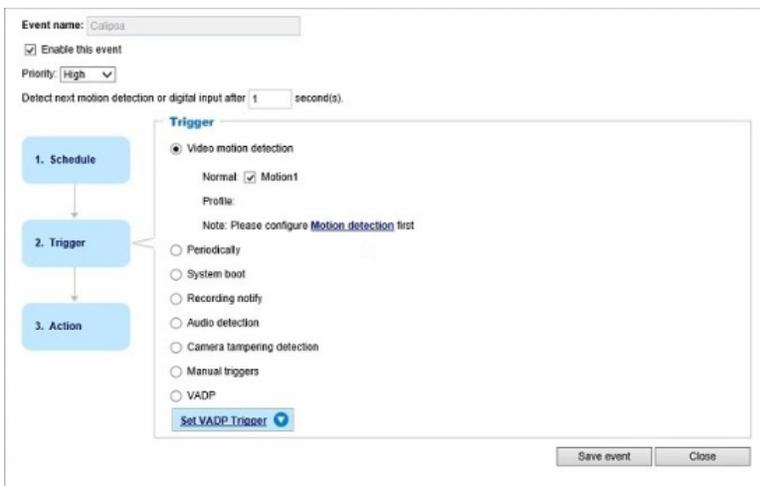
Adding a Camera Event Schedule

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



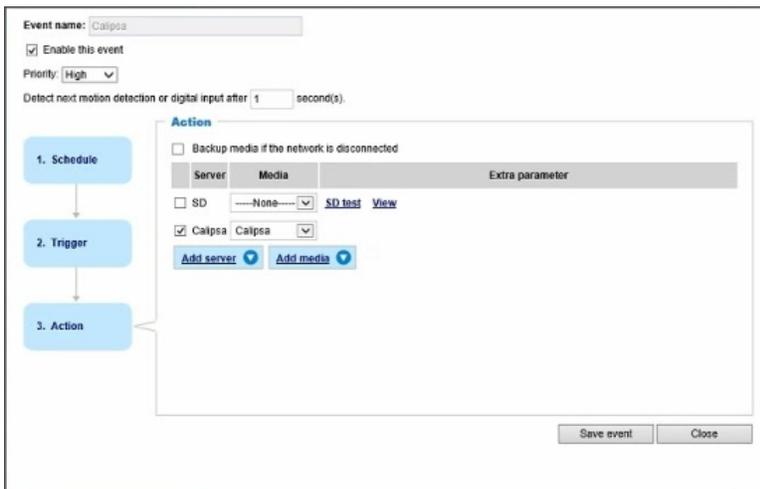
Creating a Camera Event Trigger

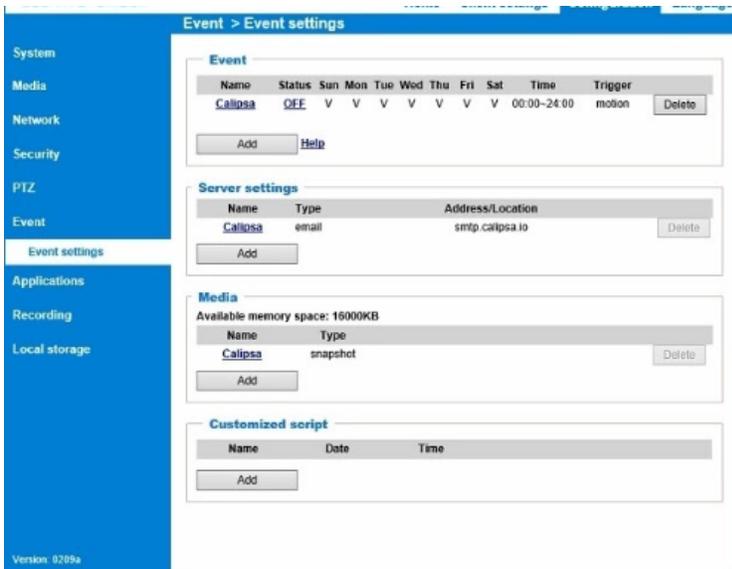
1. Click **Trigger**.
2. Select **Video motion detection**.
3. Select **Normal** Motion 1. Also select any other motion detection zones you created within the Motion Detection table.



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.





Troubleshooting Questions

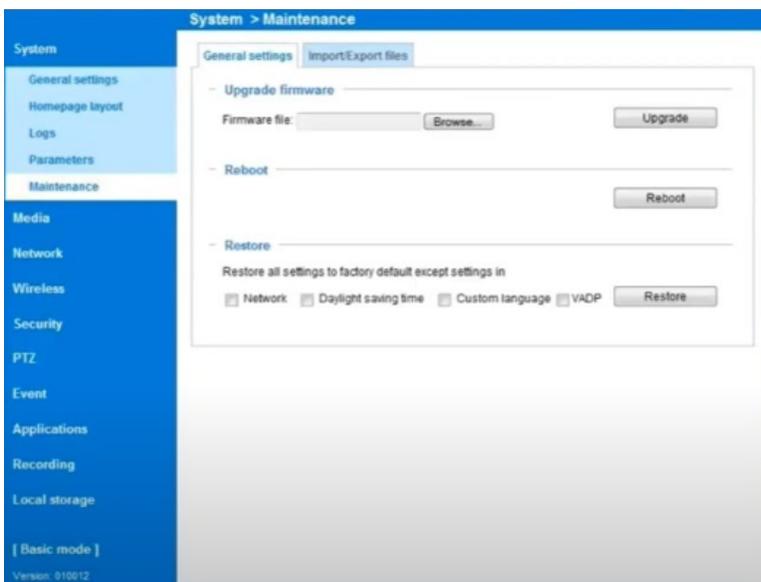
Q: Test email was unsuccessful, what can I try next?

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.



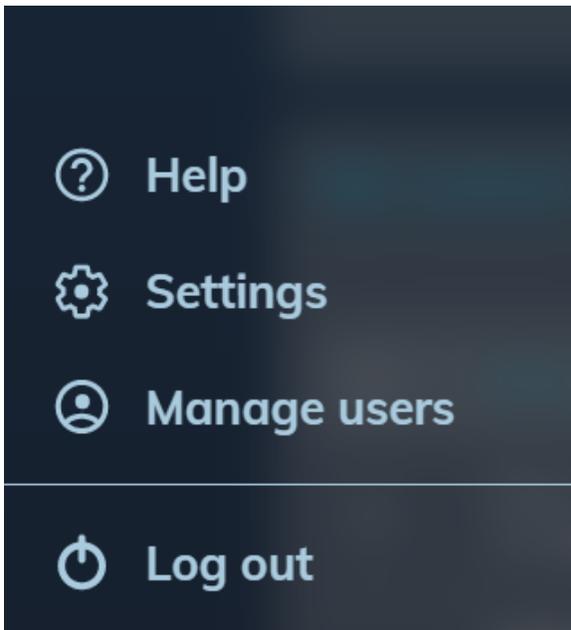
Adding your Monitoring Station SMTP Details

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.

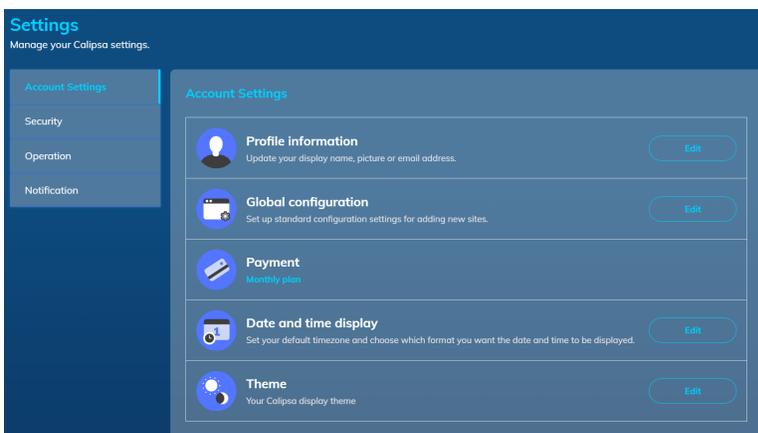
Accessing Calipsa Account Settings

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**.

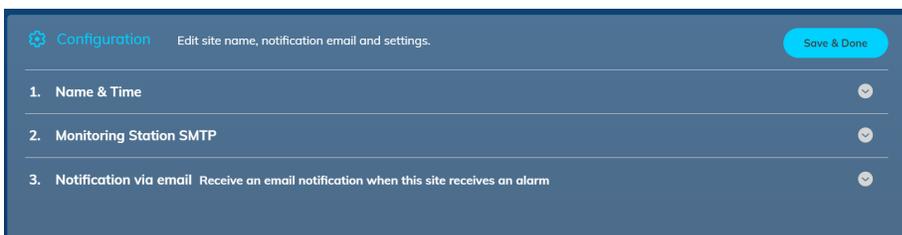


Inputting Your Credentials

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.



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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