
# Scylla
# Face Recognition System
# User Manual

July 3, 2024

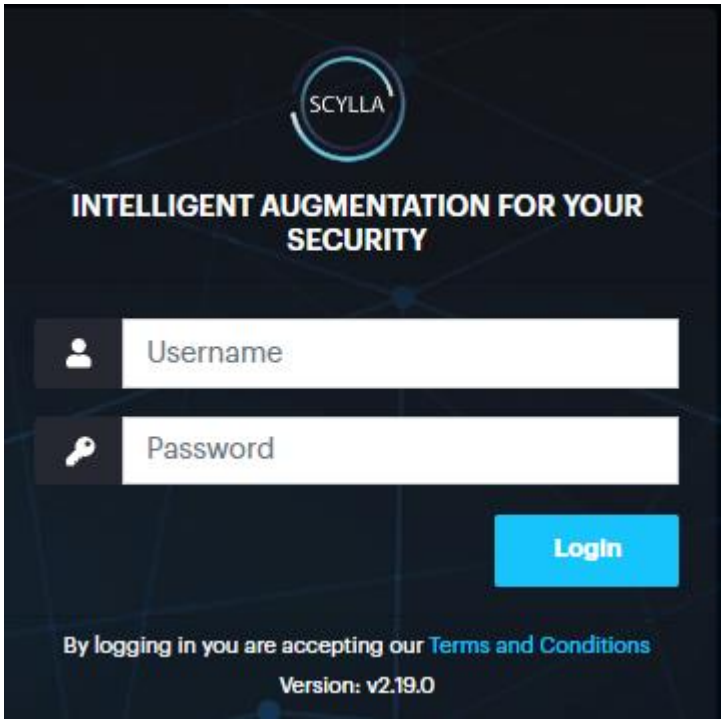
# Introduction

This manual provides an overview of Scylla Face Recognition System and instructions on how to use it.

# Login

To use Scylla On-premises you first need to login to the dashboard. Dashboard is accessible by typing the IP address of the On-premises server in the browser.

If you are already logged in, you will be redirected to the main Dashboard page.
If you are not logged in, you need to enter your **Username** and **Password** into the corresponding fields and click the **Login** button.



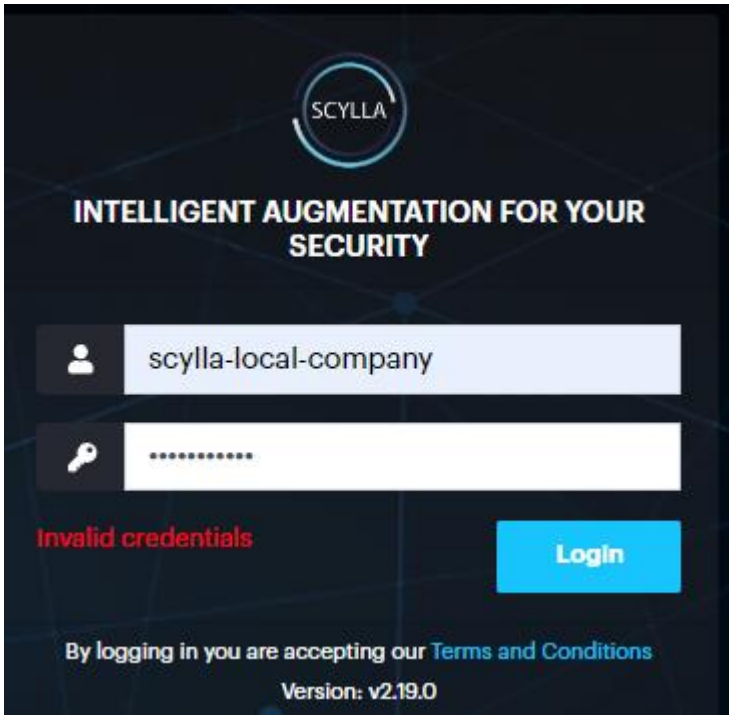

After entering your credentials and clicking the **Login** button you will be redirected to

**NOTE.** Please be attentive while entering your username and password into the fields. Make sure you have not copied any additional characters or left leading spaces.
**Example of leading spaces:**
Wrong: “ username” has leading spaces
Correct: “username” does not have any leading spaces.

the **Dashboard** page.

If you are not redirected to the **Dashboard** page, there are two possible reasons:

1) If you see the ***"Invalid credentials"*** message, that means you have entered the wrong credentials.




Double-check and reenter your credentials. If this message appears again, contact your administrator.

2) If you are not able to log in and there is no message, try to clean your browser's cache and try again. See this article for detailed instructions on how to clean your browser's cache.
If cleaning the cache does not solve the problem, you are always welcome to submit a request on the Help Center

# Scylla Security Suite

## Home Page

On the **Home page** you can see general information, such as the total number of connected cameras, camera state, running engines, recent alarms, active modules and deployments.

In the **Modules** right window, you can see all connected modules.
You can click on the module that is active and has connected cameras to open its Toolbar page.

In the **Cameras** bottom left window you can see the list of all connected cameras listed by **Type, Device Type, Last Activity** and **Stage, above** you also can filter them by **Device Type, Integration Type** and **Camera Type.**

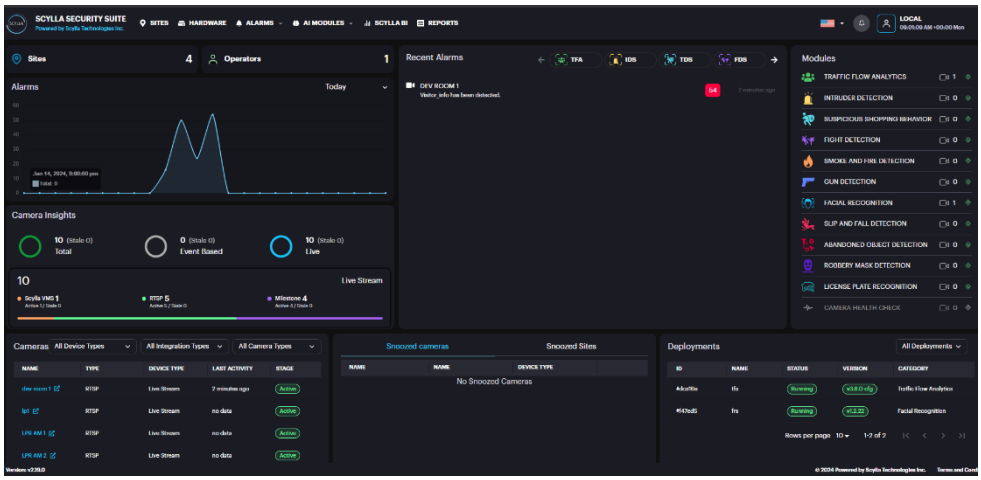
In the **Recent Alarms** middle window, you can see all recent alarms, their locations, and the number of alarms. Filter the alarms by clicking on the module filter icon located from the rotating list (i.e. 

).
You can click on the alarm to open the Browse Alarms History page of the specific camera.

In the Snoozed bottom window, you can check the Snoozed cameras and Snoozed sites if any.

In the Deployments bottom right window you can view the active deployments with their info (ID, status, AI module).

On the Top-right side under the username you can see the time with timezone, also you can add timezone per site, so if you have a company with multiple sites and each site in a timezone , you can manage it.

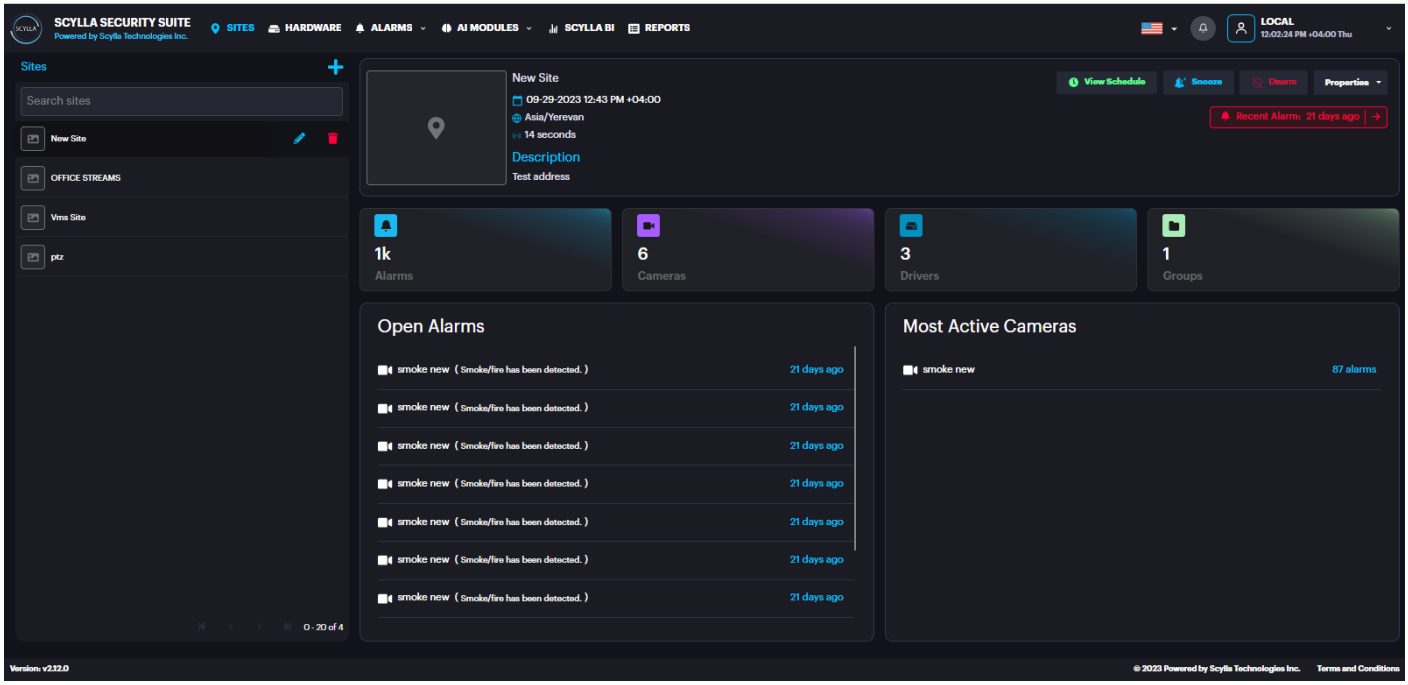



# Sites

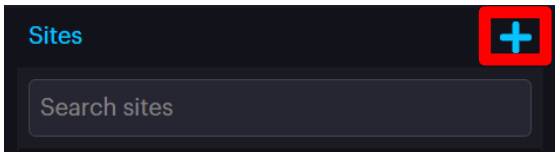
On the **Sites** page you can see the list of sites on the left side.
Select the desired site to see the following stats and options:

- Site name and creation date
- Recent alarm — info about the most recent alarm (in red message)
- Snooze — select the type of alarm notification's snooze action and the duration
- View Schedule- Info about the schedule of the selected site

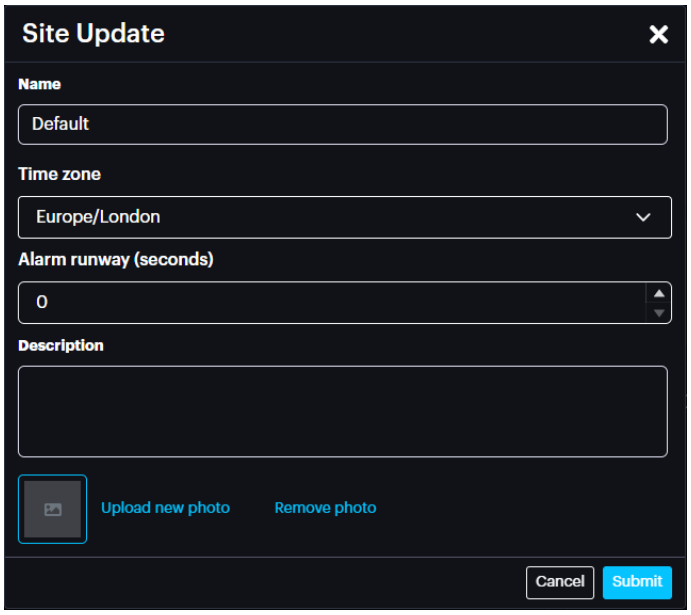
- Disarm — disarm the detections from selected Site by specified duration or disarm/arm manually
  - Alarms — number of recent alarms
  - Cameras — number of connected cameras
  - Drivers- number of drivers
  - Groups — number of groups
- Open Alarms — window containing the most recent alarms. Click on the specific alarm to see the detailed information only for this alarm occurrence.
  - Properties window:
    - Browse Alarms — opens the Browse Alarms History page with all alarms for this specific site
      - Statistics — opens the Statistics page for this specific site
      - Reports — opens the Reports page for this specific site
      - Manage Devices — opens the Manage Devices menu for this specific site
- Most Active Cameras — list of most active cameras and a total number of their alarms. Click on the camera to see its detailed information and settings from the Hardware menu




To create a new site, click the **Add new site** button**.**



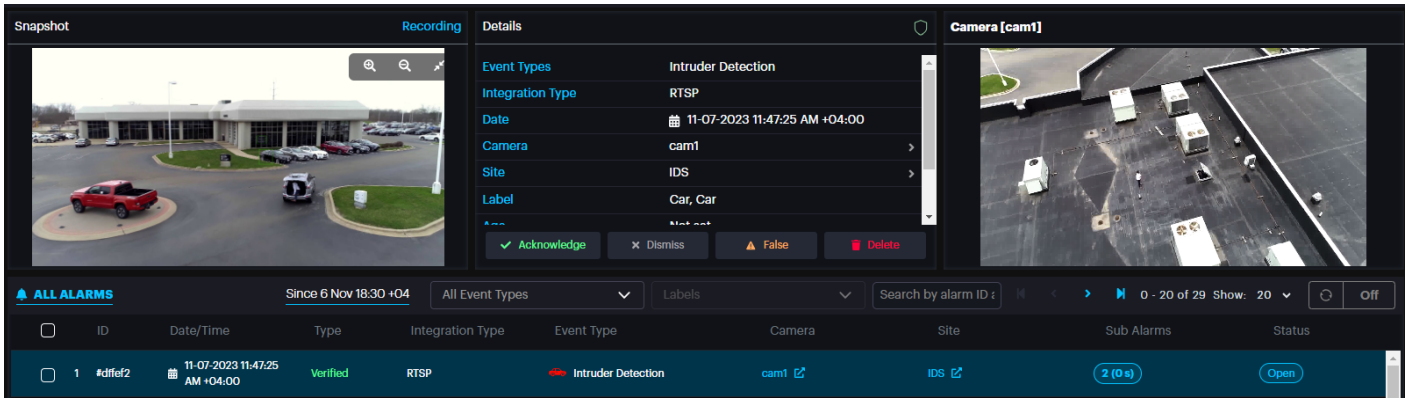

Then, in the **Site Create pop-up** menu specify the **Name, Time zone, Alarm runway** and **Description, Upload** photo if needed and Click **Submit**.




You can also update the site's name, address, description, and add/remove photo by hovering your mouse cursor over the site's name from the list and clicking the **Edit** button.
Enter the information into the corresponding fields and click **Submit** to save.

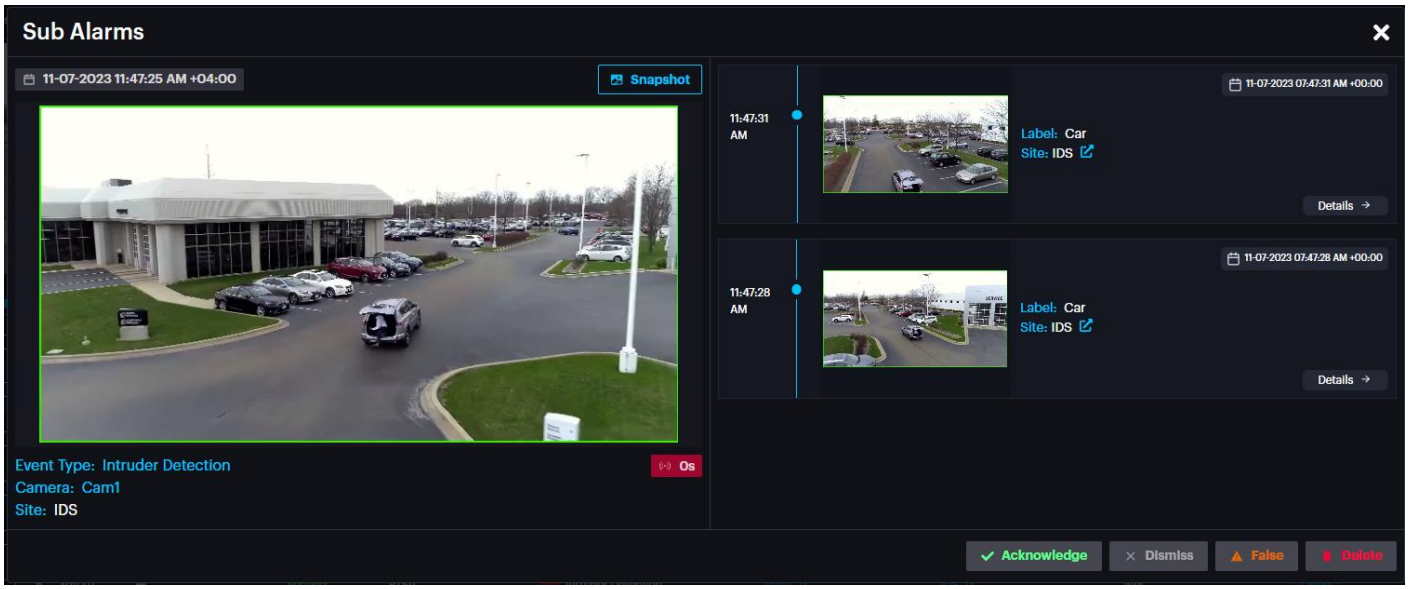
## Alarm Runway/Cooldown

Alarm runway is a site-level setting that will group repeated alarms from the same camera withing the specified amount of seconds .
This will notify once but buffer all subsequent alarms under that one alarm.




In the alarm record there is the Sub Alarms field where you can see the number of alarms detected within the specified alarm runway time.

By clicking the “2(0)s” which means 2 detections occurred within the specified time , a Sub Alarms window will pop up showing the detections.



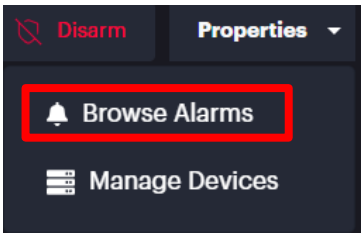

On the left side the main alarm is displayed.

On the right-side sub alarms are displayed and by clicking the Details button it is possible to view the details of a specific sub alarm.

It is possible to Acknowledge, Dismiss, False or Delete the alarm from this window.

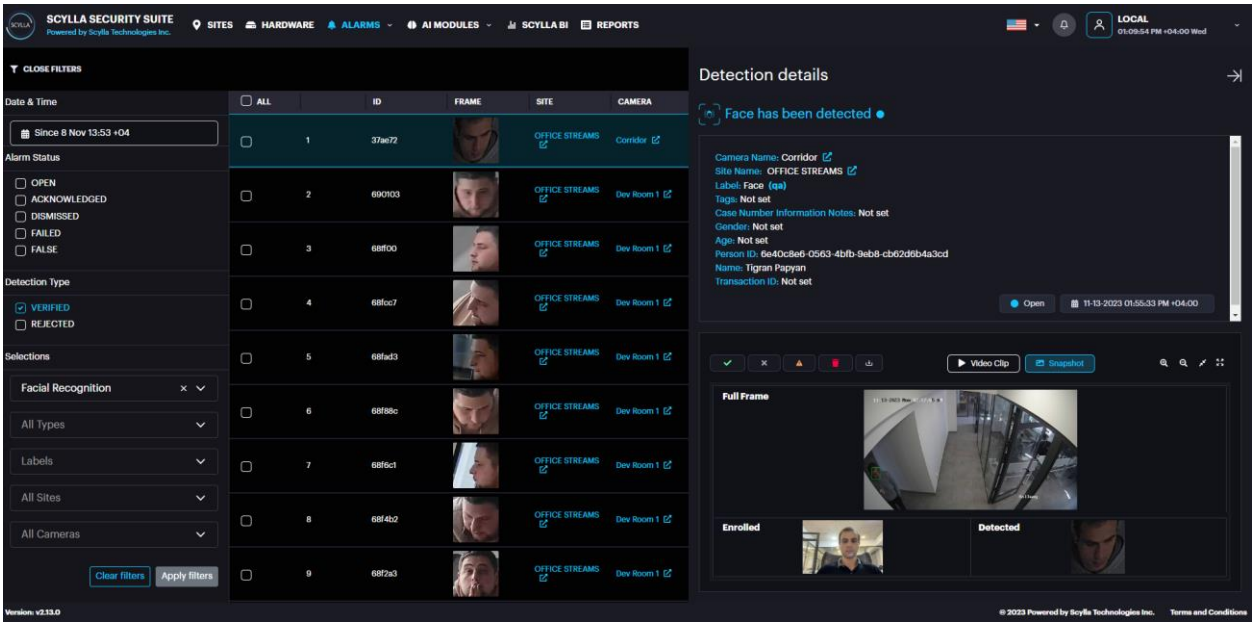
## Browse Alarms History

On the **Site** page select the desired site, then click on **Browse Alarms** on the **Properties** window.




Here you can see the detailed information for all alarm occurrences (such as **Camera Name, Site Name, Label, Person ID, Person's Name, Type, Data & Time,** and **Alarm Status).**

By default, the last alarm occurrence is selected, and its **Detection Details** window is open on the right side, and the **Filters** menu is open on the left side.



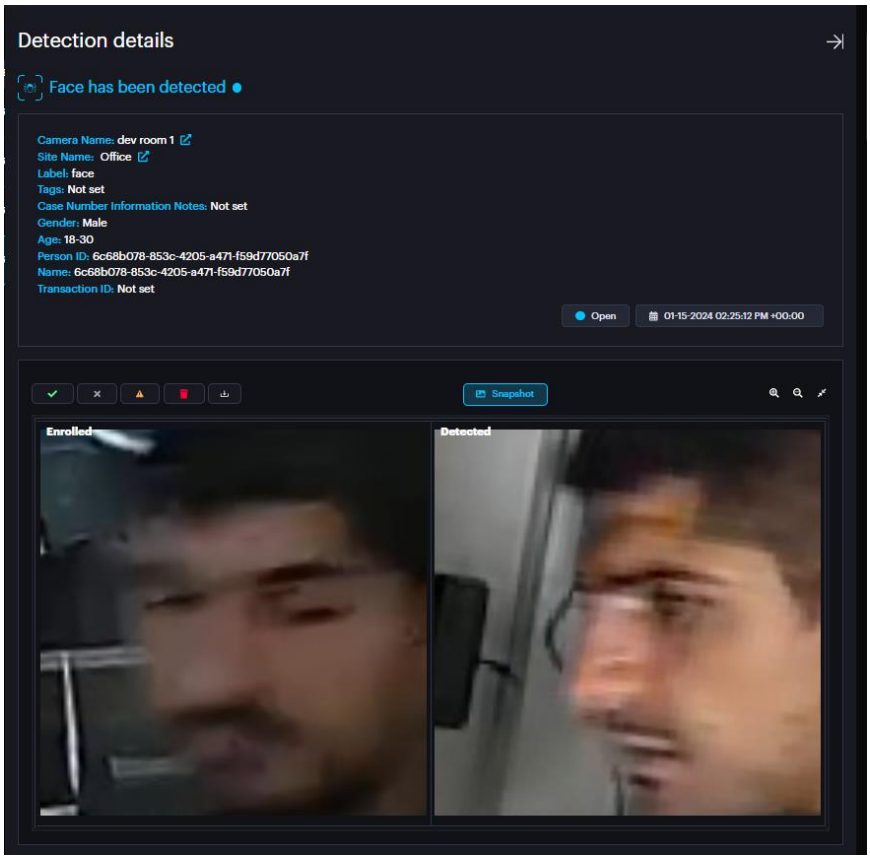

Click the **Close Filters** button to close the filters menu and click **Open Filters** button to open it again.

**Filters** allow you to filter alarms by:

- **statuses** (open, acknowledged, dismissed, ignored, failed).
- **type** (verified or rejected).
- **event type.**
- **labels.**
- **sites.**
- **integration options**.

- **cameras.**
- **date & time** (opens the calendar where you can click on the date field and select the desired date or a period).

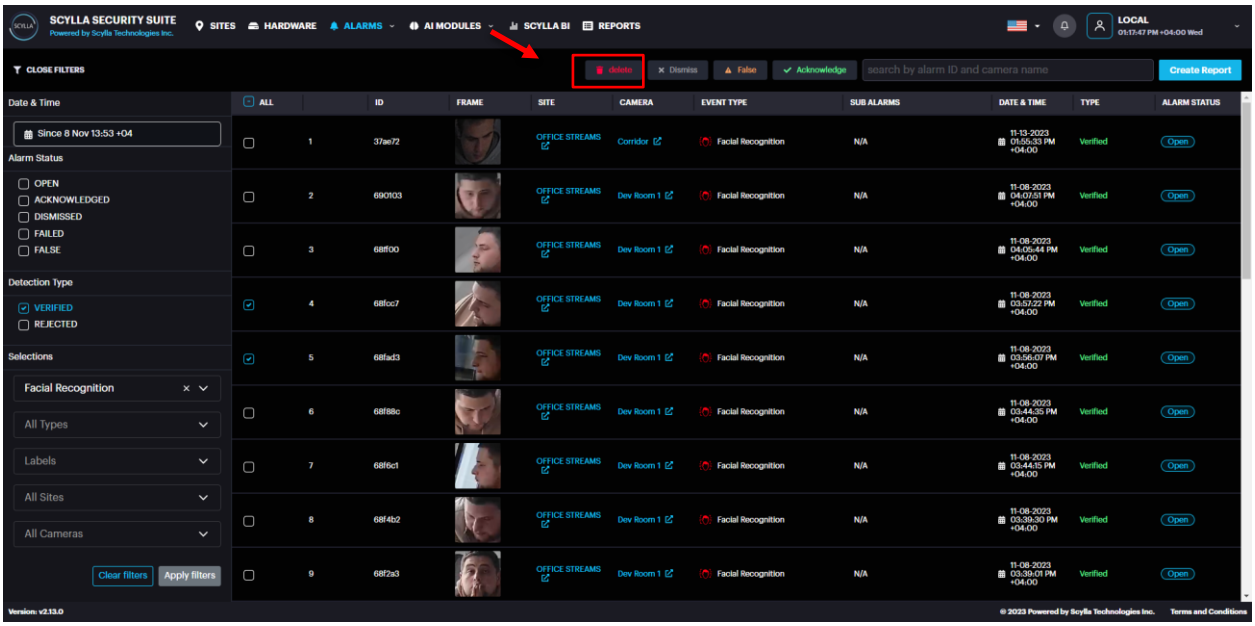
On the **Detection Details** window, you can see the name of the camera and site, date, and time of detection. You can also switch between the Video Clip and Snapshot of the detection occurrence by clicking the corresponding buttons, zoom in/out using the zooming controls, and **Acknowledge**  , **Dismiss**  , **Mark as False**  , **Delete**  **or download** snapshot  the detection by clicking on the corresponding buttons.



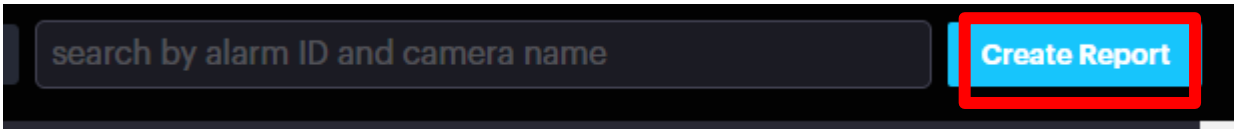

**Snapshot** includes two images: Left image is the enrolled image in database, right image is the detection image.

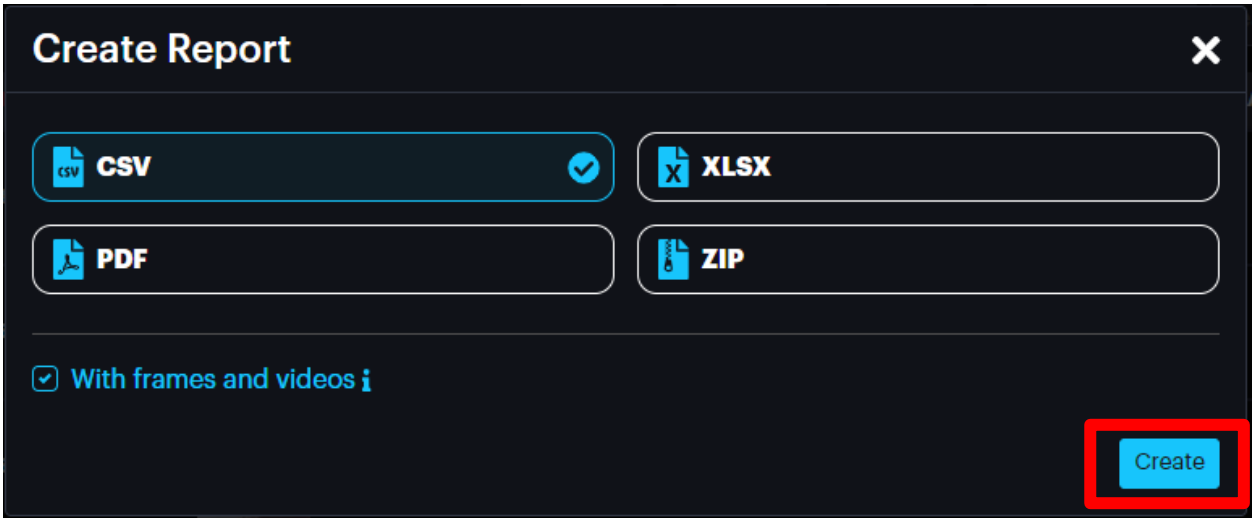
Click the **Close Detection Details**  button to close the window.

You can delete multiple alarms by selecting the checkboxes on the left and clicking the **Delete** button.



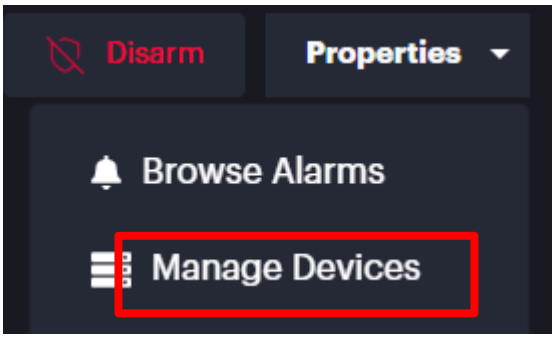

You can **Create report** of multiple alarms by clicking create Report button on up-left side, choose the format, checkmark “with frames and videos” if it’s needed and click Create button.



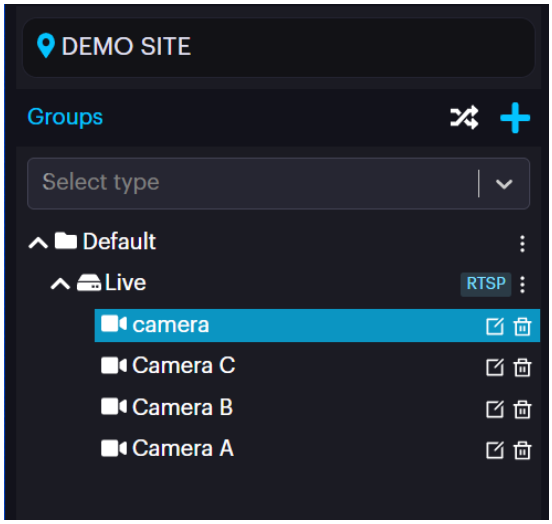

## Manage Devices

On the **Site** page select the desired site, then click on **Manage Devices** on the **Properties** window.



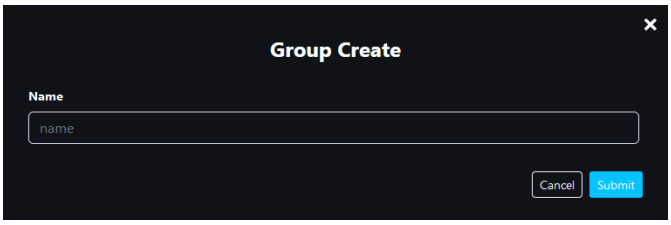

You can also open the specific camera's settings by clicking the camera in the **Most Active Cameras** window.

On the **Manage Devices** menu you can open the existing camera groups to see all cameras and be able to change their settings.



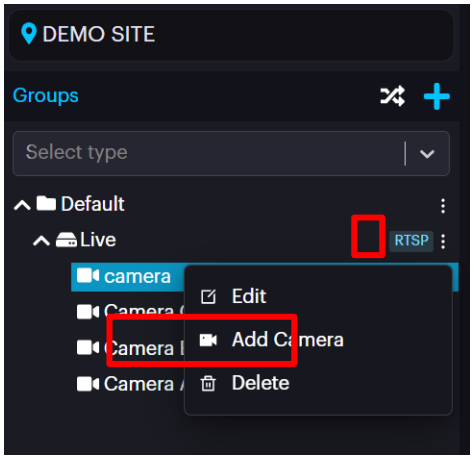

## Create Group

If you need to create a new group, click the + button.
In the opened **Group Create** pop-up specify the name for a new group and click **Submit.**

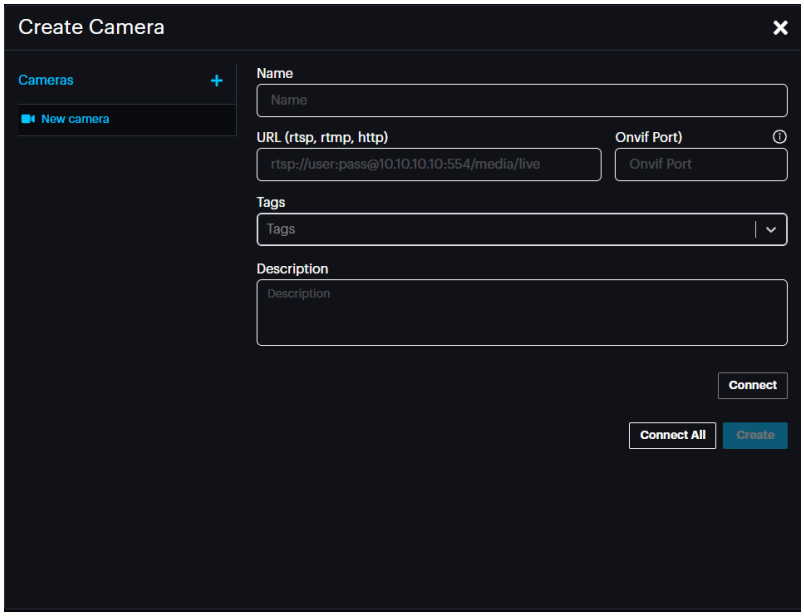


### Add New Device

To add new device, click on the **More Options** button on the desired group and click **Add camera**.



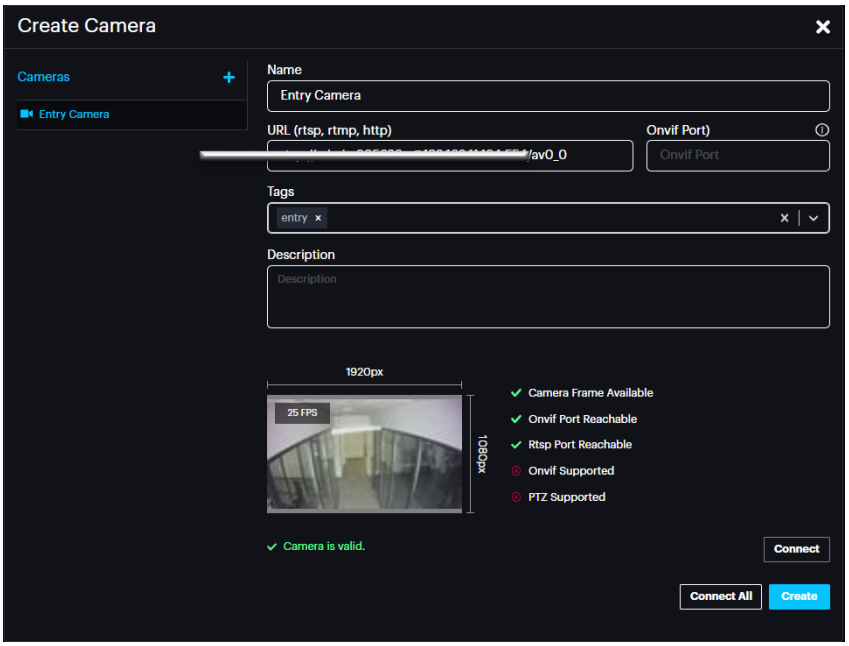

Then on the pop- page fill out the needed information and click **Connect.**




**Name:** Camera name
**Url:** rtsp, rtmp or http Url of the camera
**Onvif Port:** If not specified, default is 80
**Tags(optional):** Create Tags related to the camera (e.g. to define the camera as an Entry camera for Time Attendance , create the tag “entry”)
**Description(optional):** Additional info about the camera

Click **Connect**.

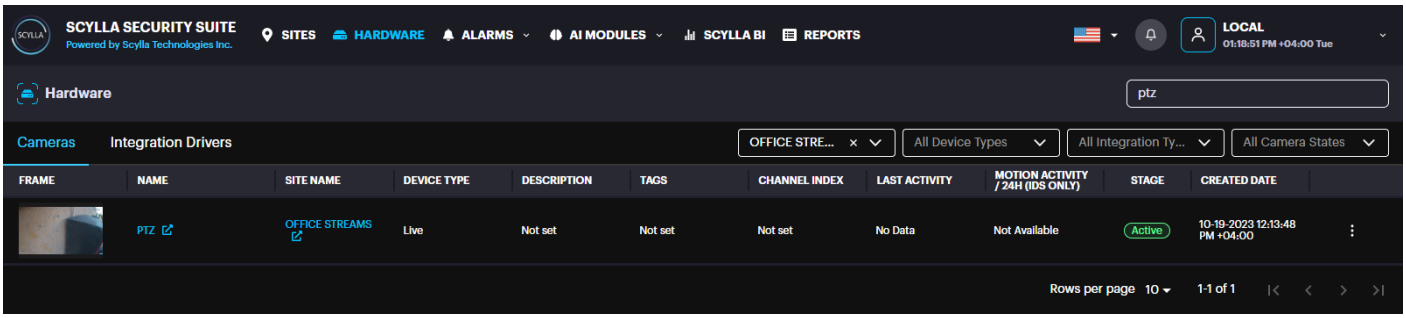
If the provided URL is valid, you will receive information about the camera stream, click **Create.**



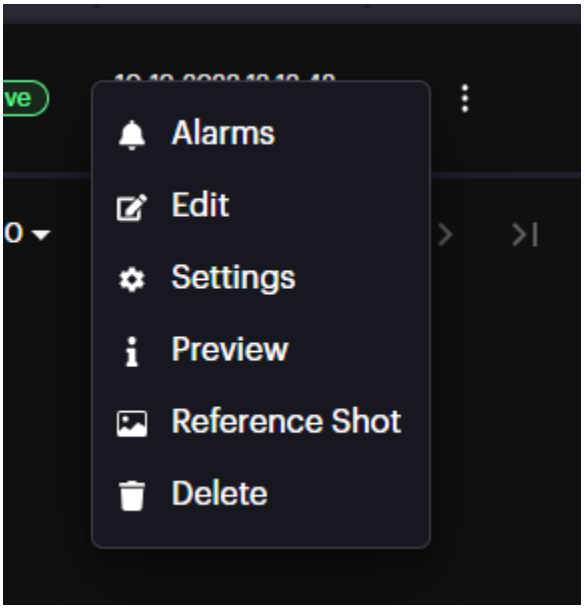

Click **Create** to finish the camera creation process.

## Hardware

On this page you can see the list of all connected **Cameras** and **Integration Drivers**, as well as filter **Cameras** by **Sites, Device type, Integration type** and **Camera State**, and sort Integration Drivers by **Site** and **Device Type**.




Each camera record has more option button (three dot).




**Alarms:** Redirects to the Alarm History page displaying the alarms of this camera

**Edit:** Allows you to rename the camera, make changes to the URL (RTSP, RTMP, http), create camera tags and add description.

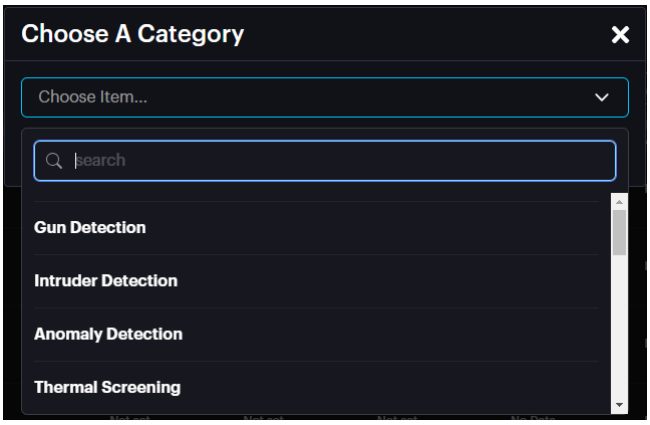
**Settings:** Allows you to draw detection zone(s)/area(s) & configure module specific settings.

**Preview:** Displays the camera frame and details

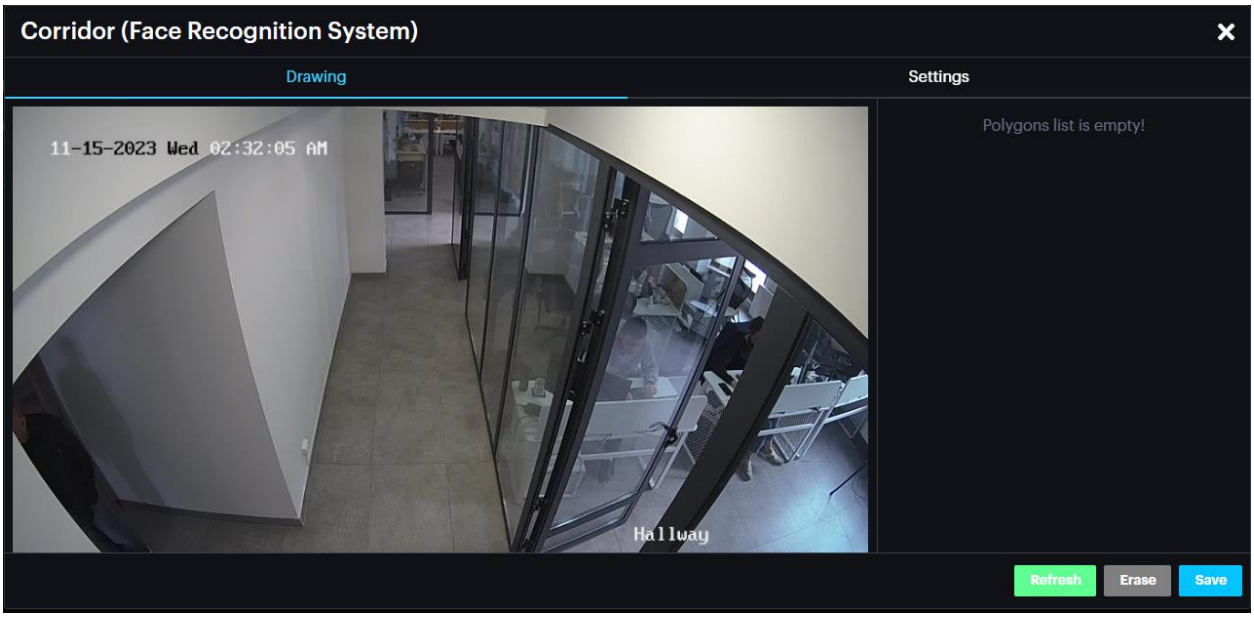
**Reference Shot:** Refreshes the camera frame in the camera record

**Delete:** Deletes the camera

Clicking Settings opens **Choose a Category** window



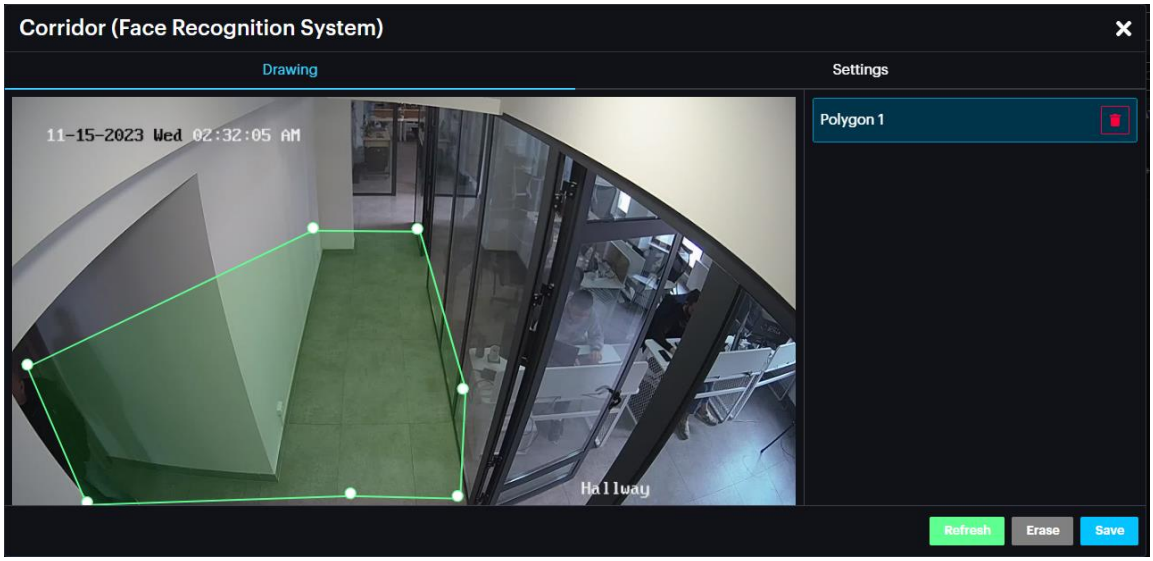

Choose AI module and click **Next**.




There are two sections; Drawing and Settings which are AI Module specific.

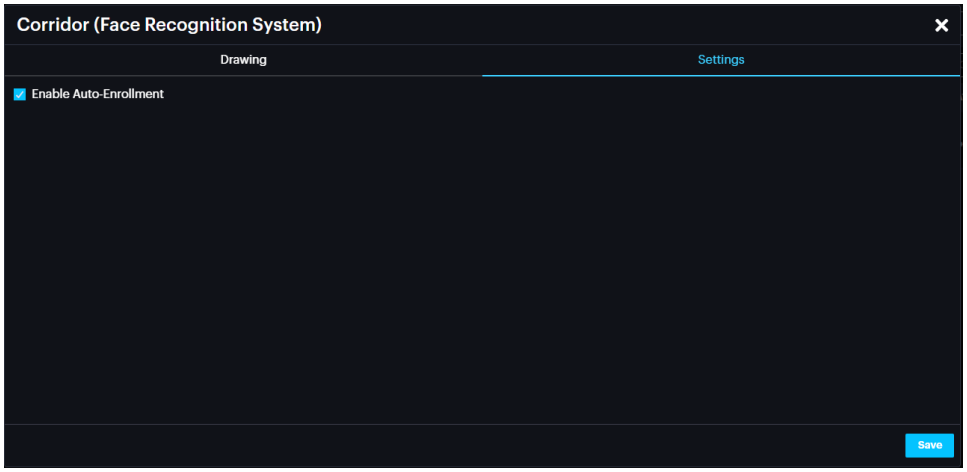
## Drawing coordinates

Left-click on the desired starting point for one line, then hover your mouse to the desired ending point and left-click. Now you have drawn one line. Repeat this process to create detection zones in your camera's frame. Click **Erase** to delete all zones. Click **Refresh** to refresh the stream. Click **Save** to save all drawn zones.




## Settings

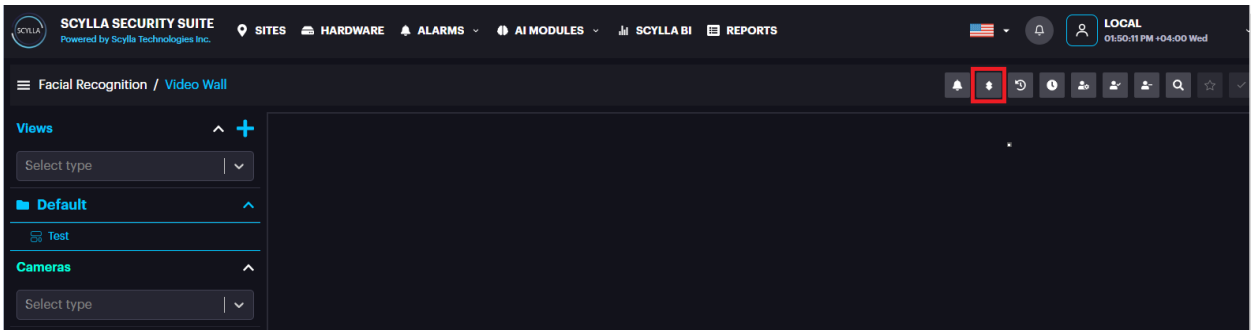
### Face Recognition



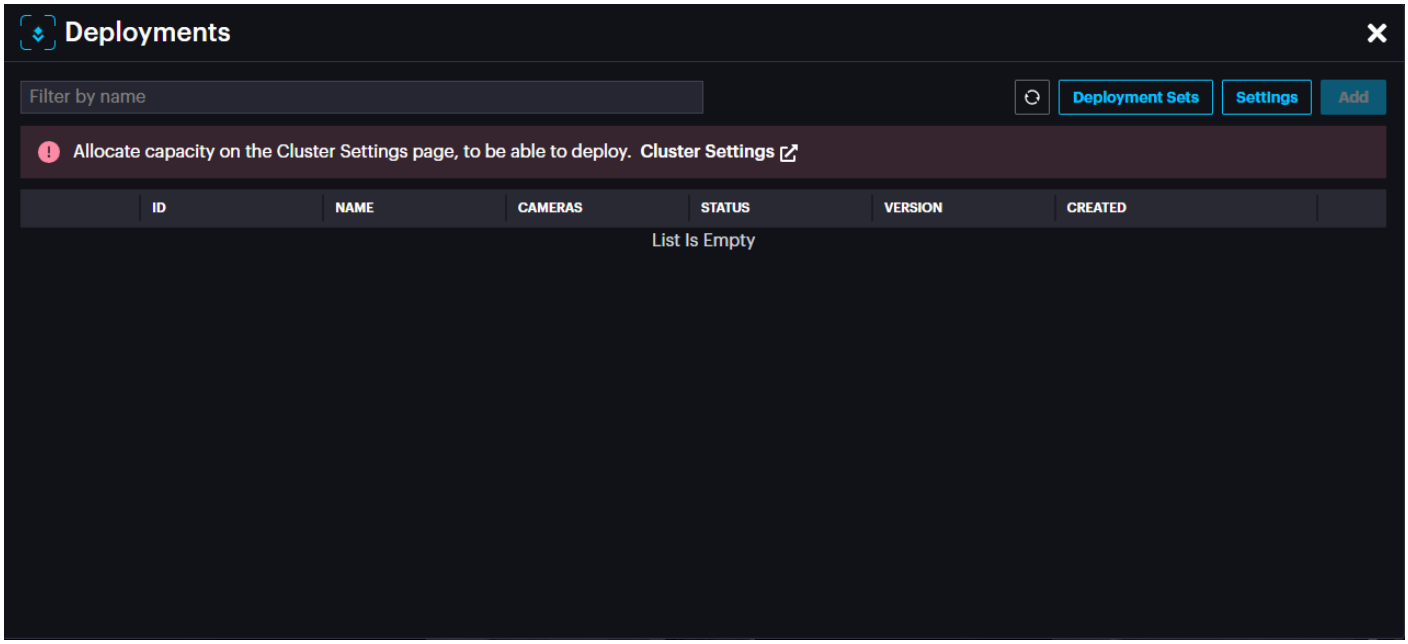
## Deployment

To add a new deployment, go to AI MODULES section and select Facial Recognition.

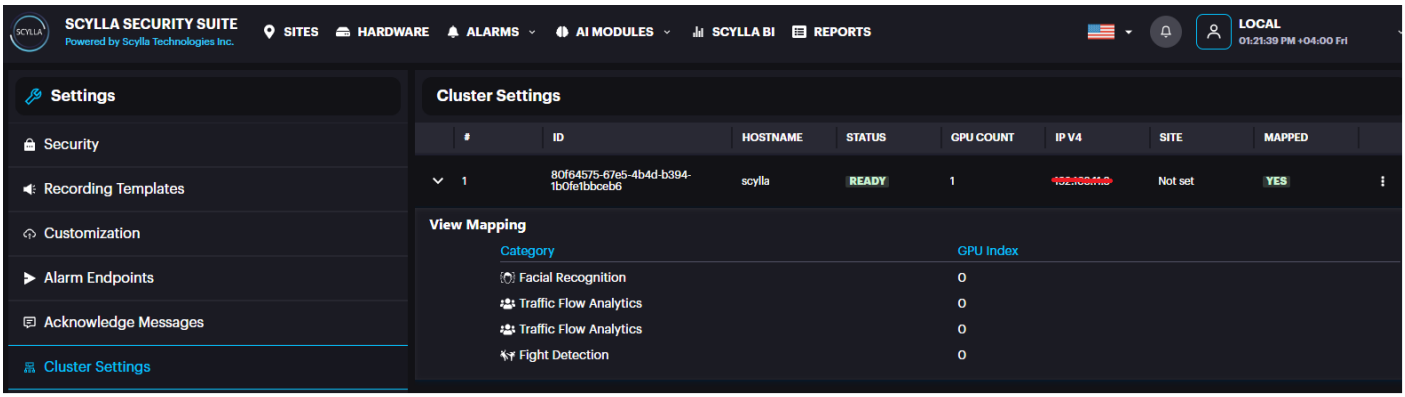
Now Click the **Deployments** icon




Deployments pop up appears, click **Add.**

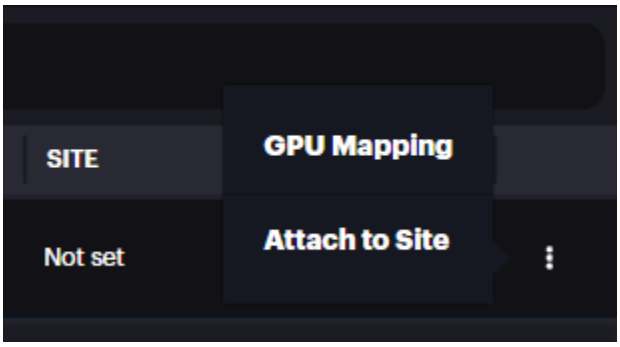



If you have not allocated capacity for this module, a message will appear.
Click on Cluster Settings to navigate to Settings->Cluster Settings.




Here, Cluster information appears with number of GPUs installed (under GPU count)
And a summary about the modules/gpu mapping.
If you have several GPUs installed, you can balance the load by distributing the modules across several GPUs.

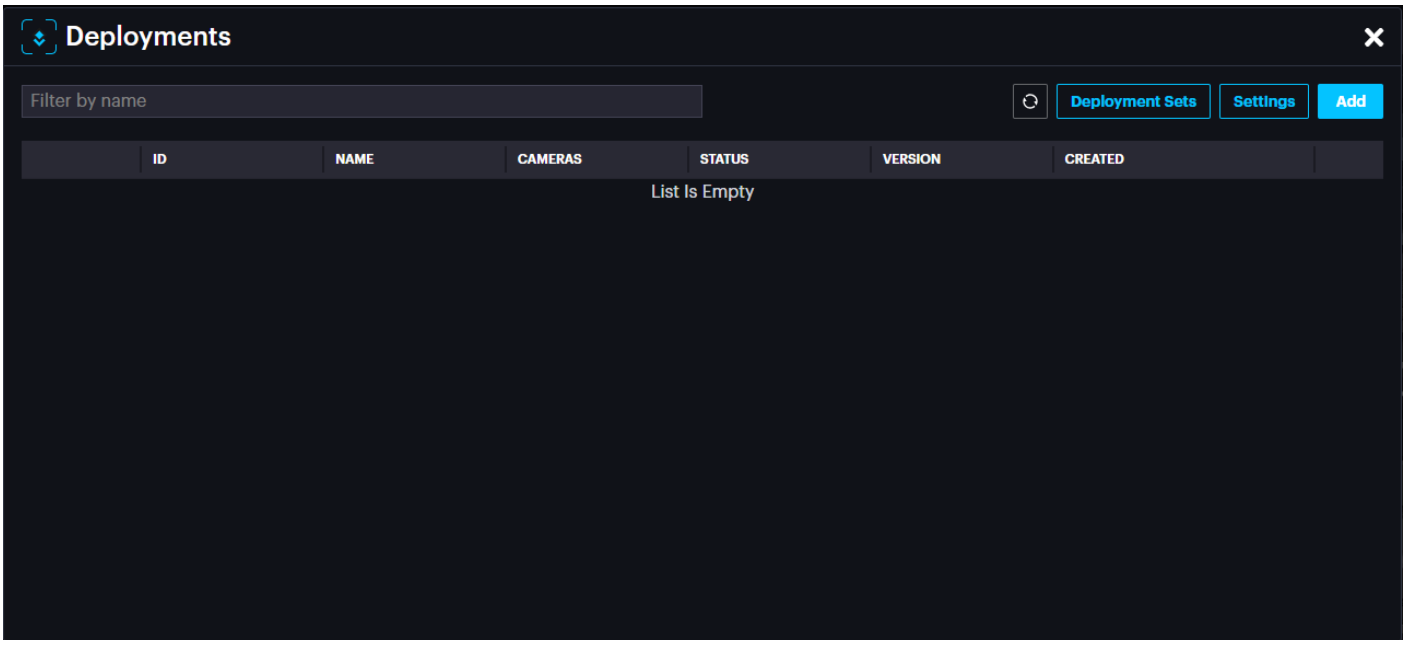
Click on the more options three dots in the cluster record then then GPU Mapping.



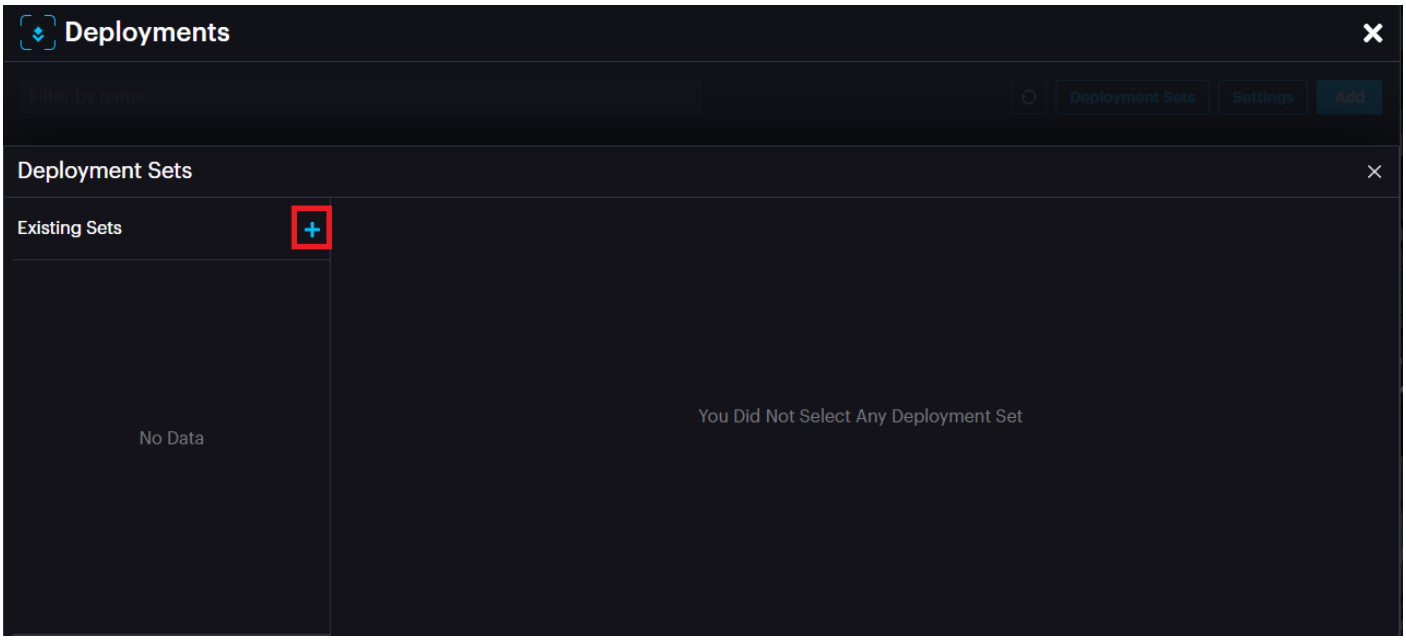

Now the list of modules with their GPU mappings appears, if any.
You can add mapping by clicking **+.**

After selecting module and mapping to the GPU index, click submit.
Now you are ready to add deployment.

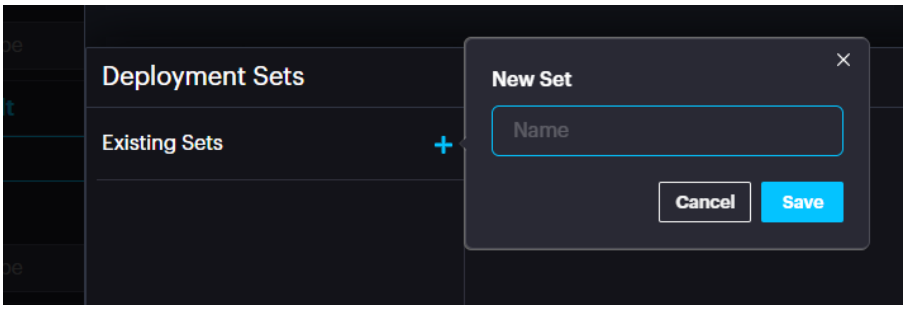
Back to deployments page, it is possible to create **Deployment sets** to assign cameras to sets and save them to avoid camera selection every time manually.




Click Deployment Sets

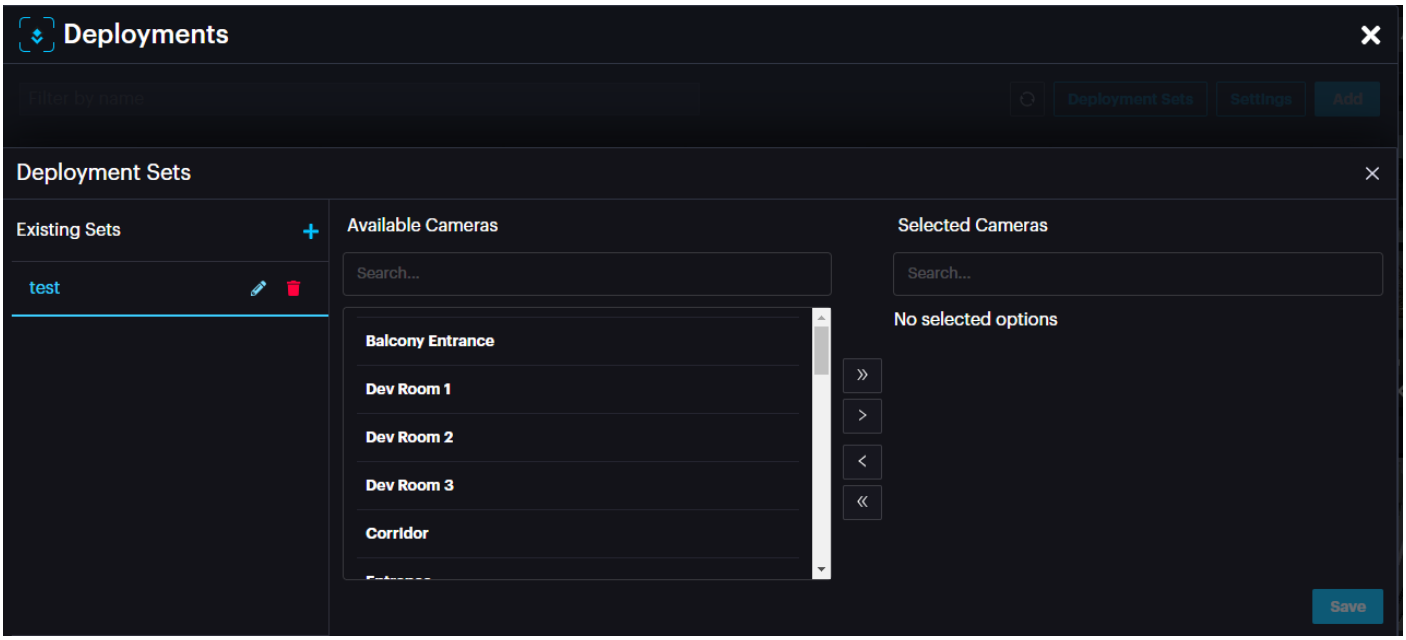



Click the add button to add a Set.




Name the Set. Click Save.

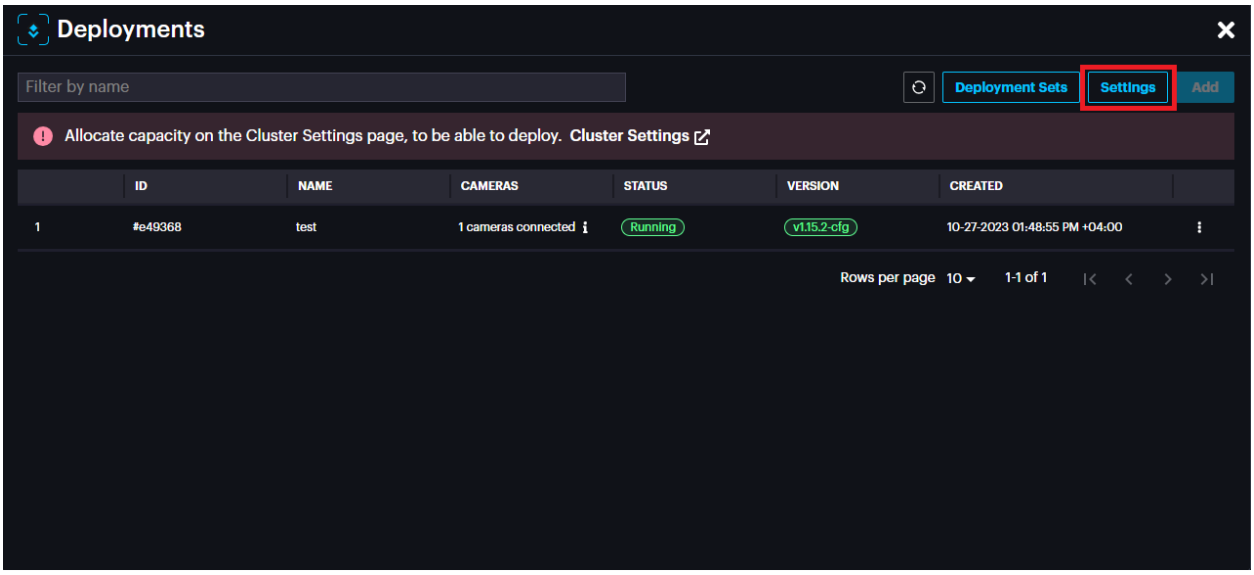
List of available cameras and selected cameras appear.

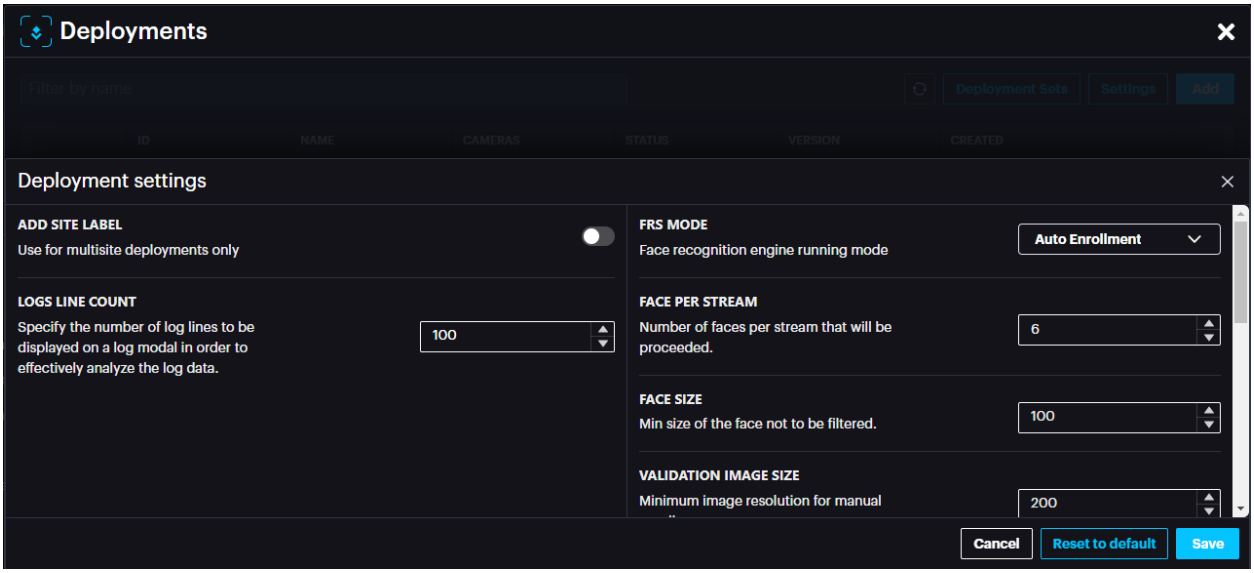



Choose the required camera(s) and drop them in the Selected cameras window by clicking the **>** arrow.
It is possible to remove cameras from a set by selecting the camera and clicking **<** arrow.

After adding the camera(s) to a set, click Save.

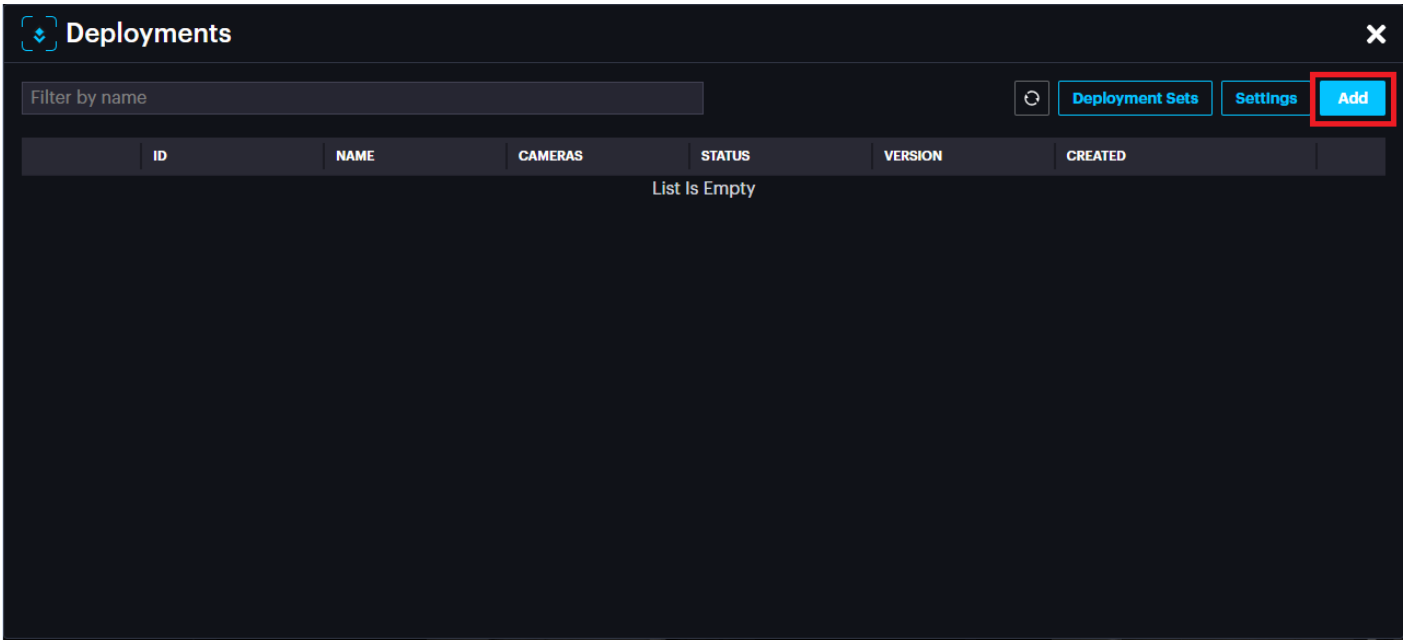
Settings page includes settings specific to the module such as threshold, cooldown between detection etc. Change these settings carefully as it will affect the detection rate.
In the deployment window, click **Settings** to access configuration specific to the module.



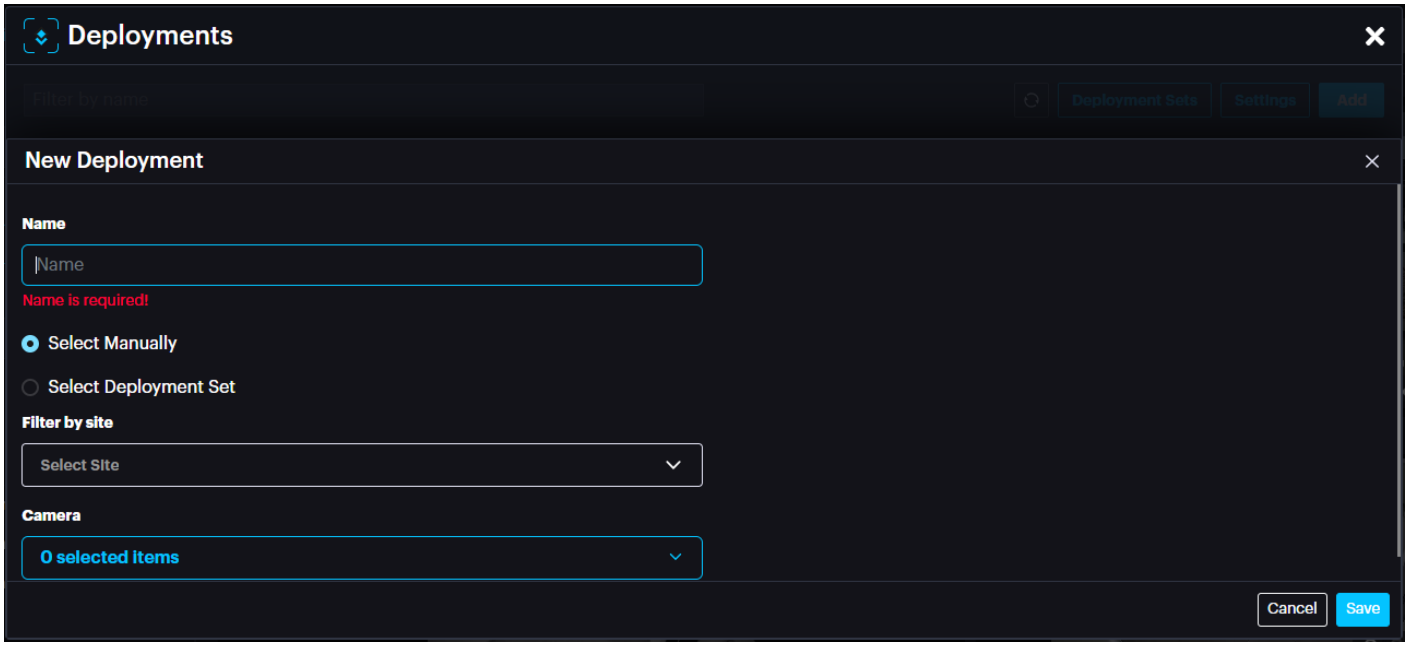




In case of any setting change, click **Save**

Now click on the add button to add a deployment.

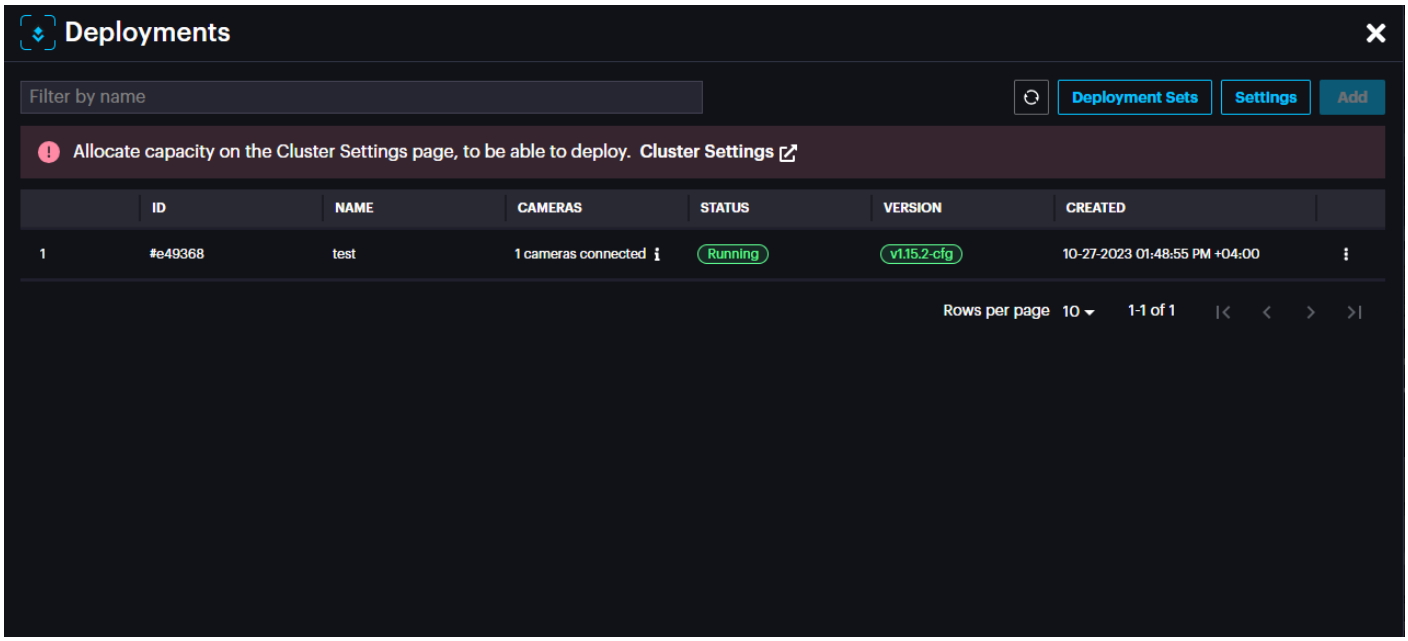



A new deployment window appears.



**Name**: Name of deployment
**Select Manually:** Select the cameras manually from the camera drop down menu below.
**Select Deployment Set**: select Deployment set if you have already created one.

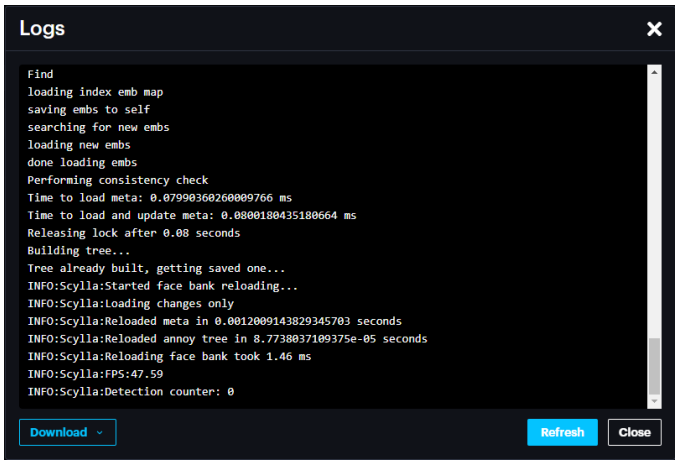
After selecting the camera(s) or set, click **Save**.



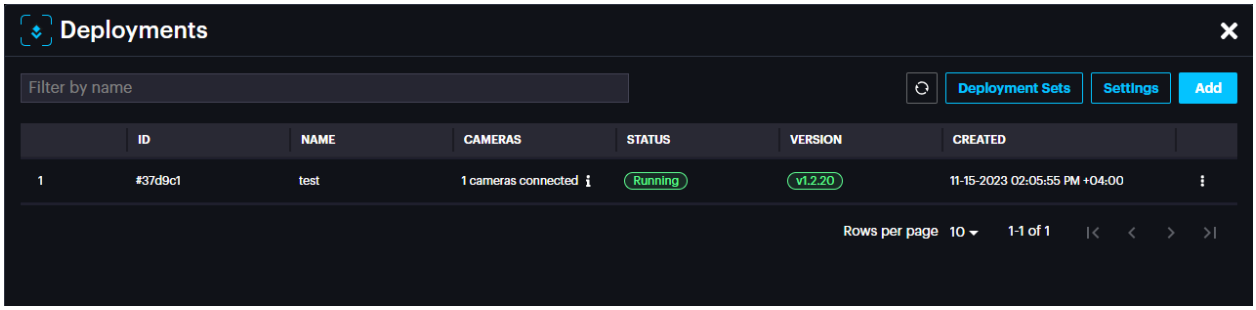

The new deployment will appear with the status (Pending, Waiting or Running).

For successful deployment, the deployment status should state Running (usually in few minutes after adding deployment). You can refresh the page by clicking the refresh button on top right of the window.

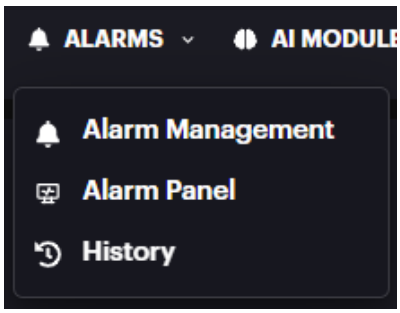
In case the status is not changed to Running, it is possible to check the logs by clicking more options (three dots) then View Logs. In the Logs window it is possible to Download the logs from the bottom left section.




It is possible to Restart the deployment, edit deployment or Delete deployment by clicking the three dots at the end of the record.




# Alarms




## Alarm Management

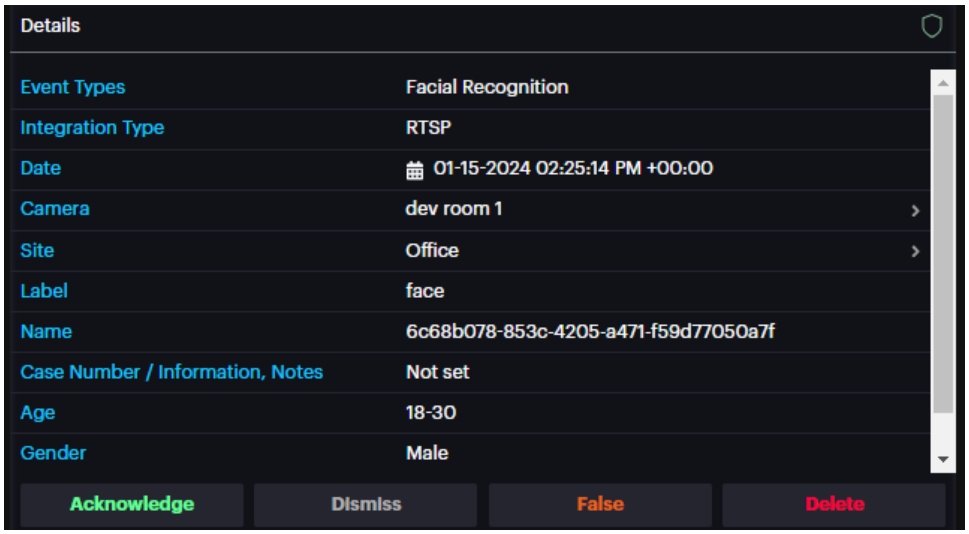
**Alarm Management** dashboard allows to:

- see all alarms from all integrated devices with **detailed** information.
- see the **snapshot** of the detection occurrence.

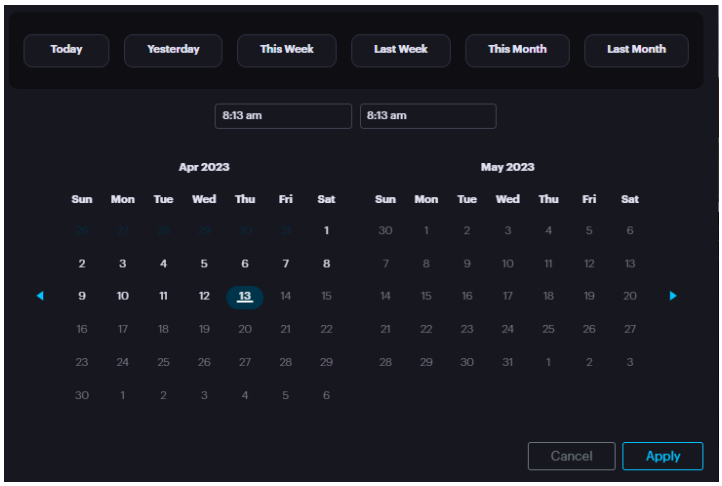
- see the **recording** of the alarm (if available).
- **acknowledge, Dismiss, Marks as False** and **Delete** the alarm.
- search by alarm ID, Event Type and Labels.
- sort alarms by **date** or a **period.**

Select the desired alarm. You can see the snapshot of detection occurrence, and a recording (if available).

In the **Details** section you can **Acknowledge, Dismiss, Mark as False** and **Delete,** the detection occurrence by clicking on the corresponding buttons. You also can **disarm** the camera or site for detections by clicking  icon.



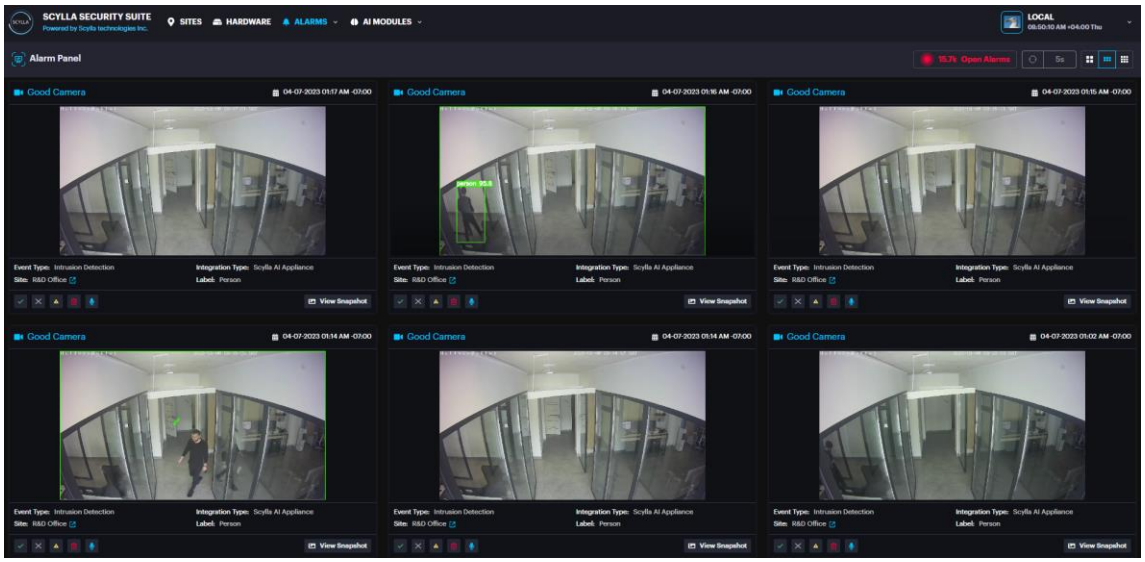

To display all alarms for a specific date or a period, click on the date field and select the desired date or a period (i.e., Last Month).



If you click on the **All-Alarms** button, it will redirect you to the Browse Alarms History page, but with a cleared **Sites** filter.

### Alarm Panel

Alarm Panel allows you to check up for the incoming alerts in real time, the new alarm(s) will **flash red** once it comes into **Alarm panel**. Here you also can **Acknowledge**  , **Dismiss**  , **Mark as False**  , **Delete**  **or Record**  **(voice recording for detailed info about alarm)** the detection by clicking on the corresponding buttons underneath the alarm.

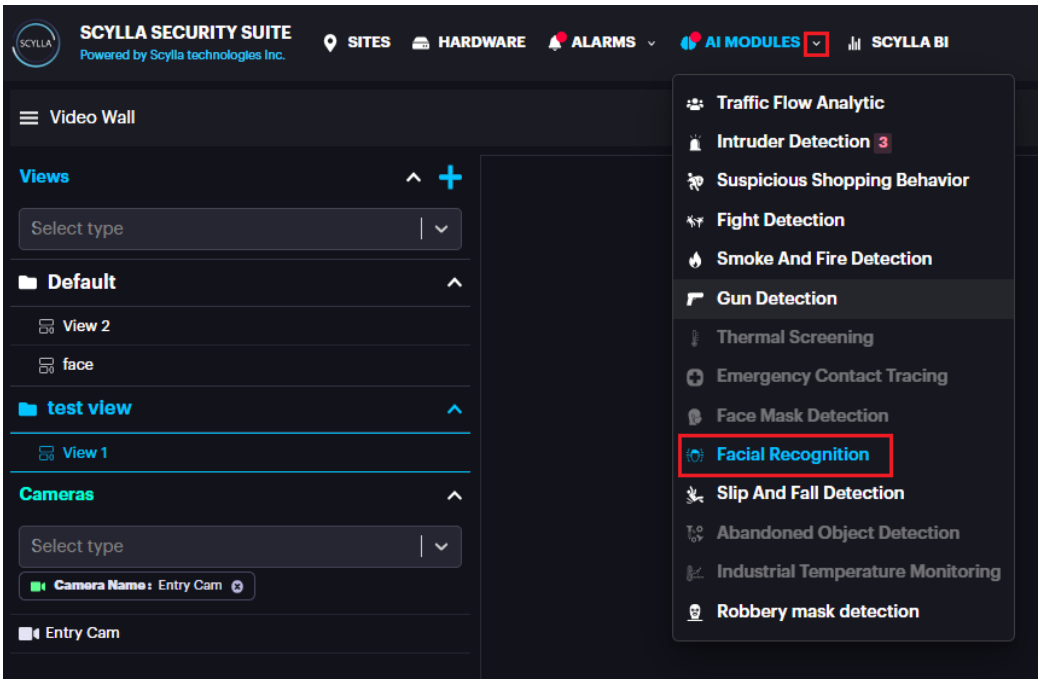



### History

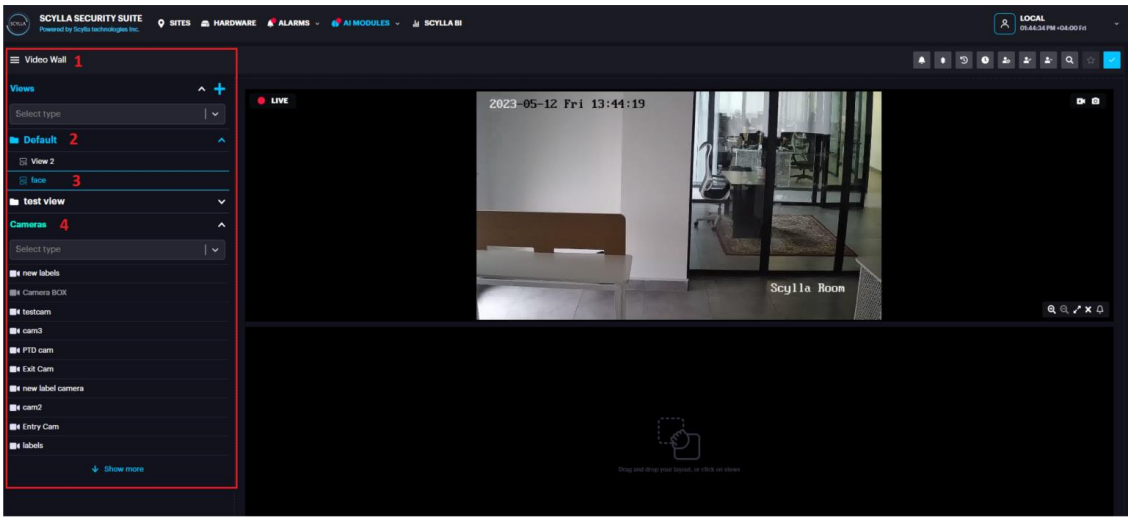
Click on the **History** button to open the Browse Alarms History page but without having a specific site's alarms history preselected in the **Quick Filters** menu.

## AI Modules

Navigate to Facial recognition module by clicking the arrow of **AI MODULES -> Facial Recognition**




The left side consists of a Video Wall, View Groups, Views & Cameras.

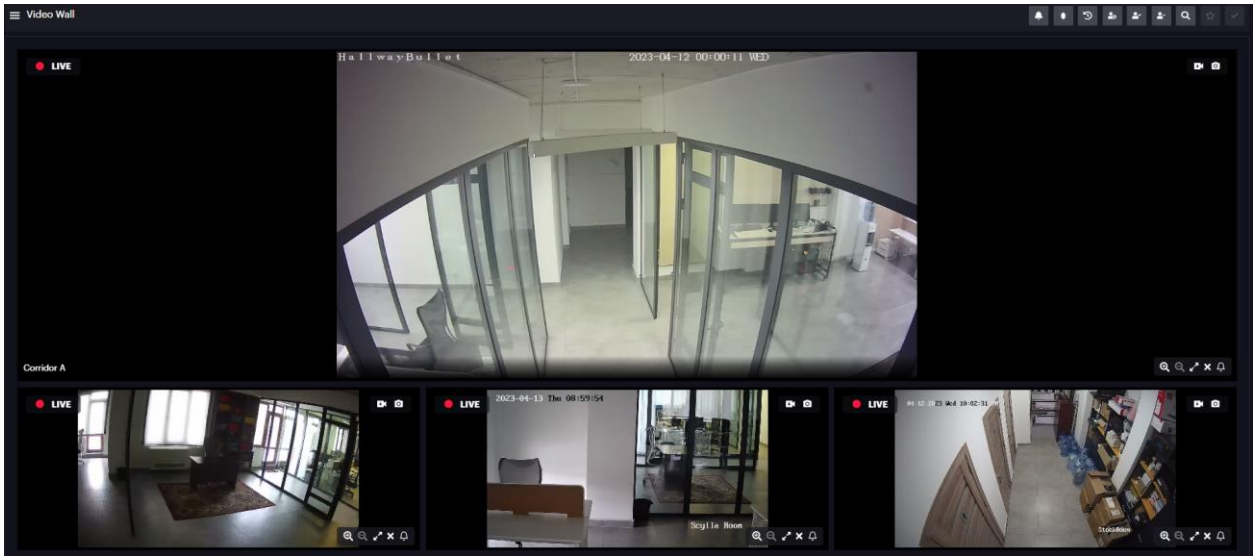



Video Wall – Click the Video Wall icon to Full screen the current view.
View Group – View groups include view.

Views –Layouts; can be user-defined or predefined
Cameras – List of the cameras

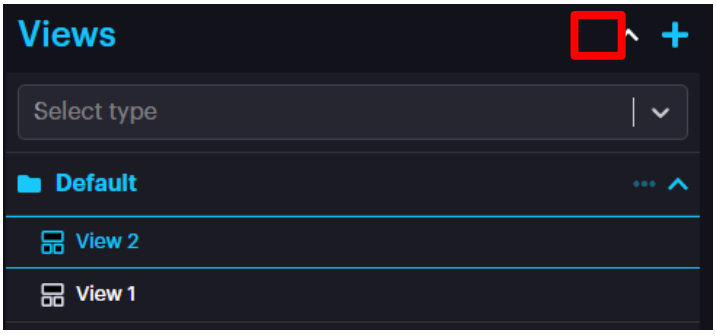
## Video Wall

Here you can see the live streams of connected cameras for chosen model.

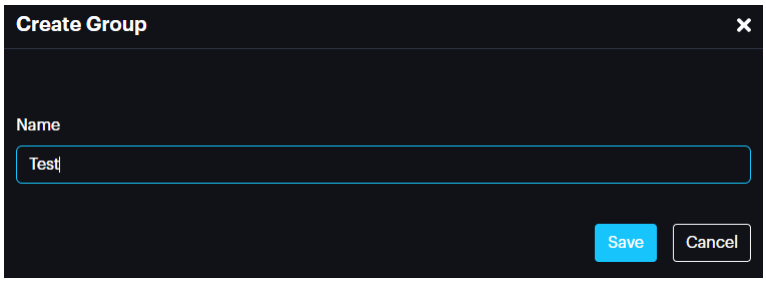



## View Groups & Views

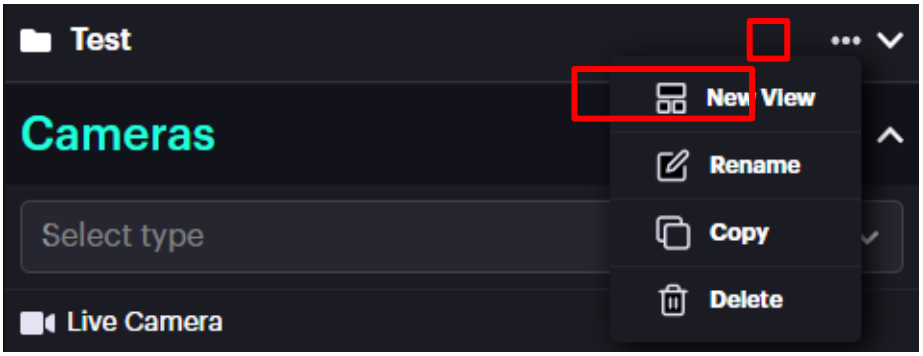
Here you can create **Group** of **Views** with customized **group of cameras** of your choice.
To create the Group, click on the Add new Group button.



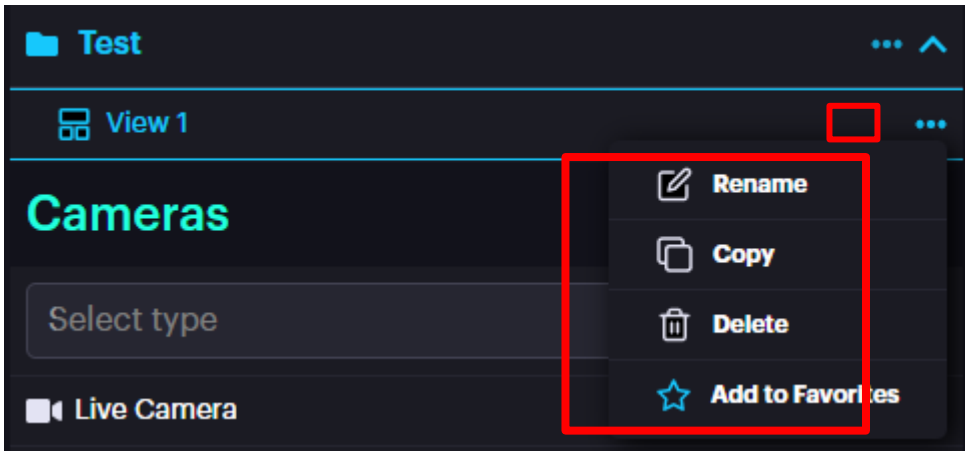

Name the group and click **save.**



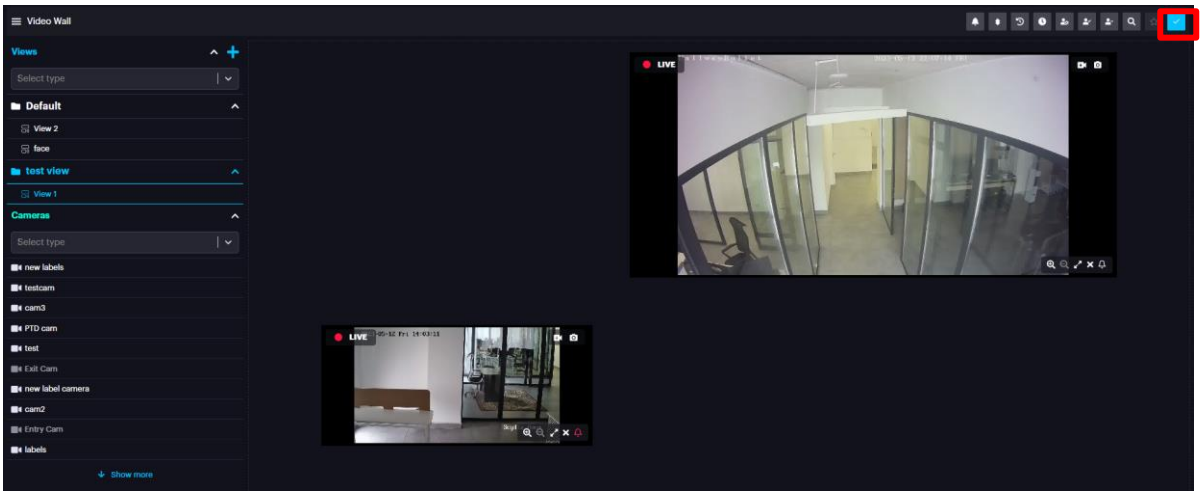

Then you need to **add** the **View** in the Created group. To add View, click on the **More Options** button on the desired group and click **New View**. You also can **Rename, Copy** and **Delete** the group by clicking the corresponding button.




You will see the added **View** inside the group, which you can **Rename, Copy, Delete** and **Add to Favorite** by clicking the corresponding button.

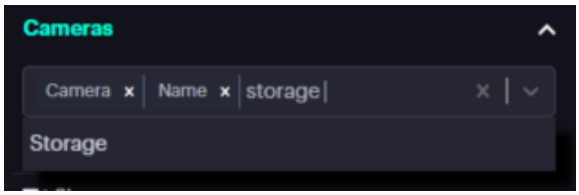



After creating a View, you need to add cameras to customize your view with the cameras needed. Drag and drop your cameras from **Cameras** section and create custom layout, or you can use predefined ones after adding the cameras click **save** button.




## Cameras

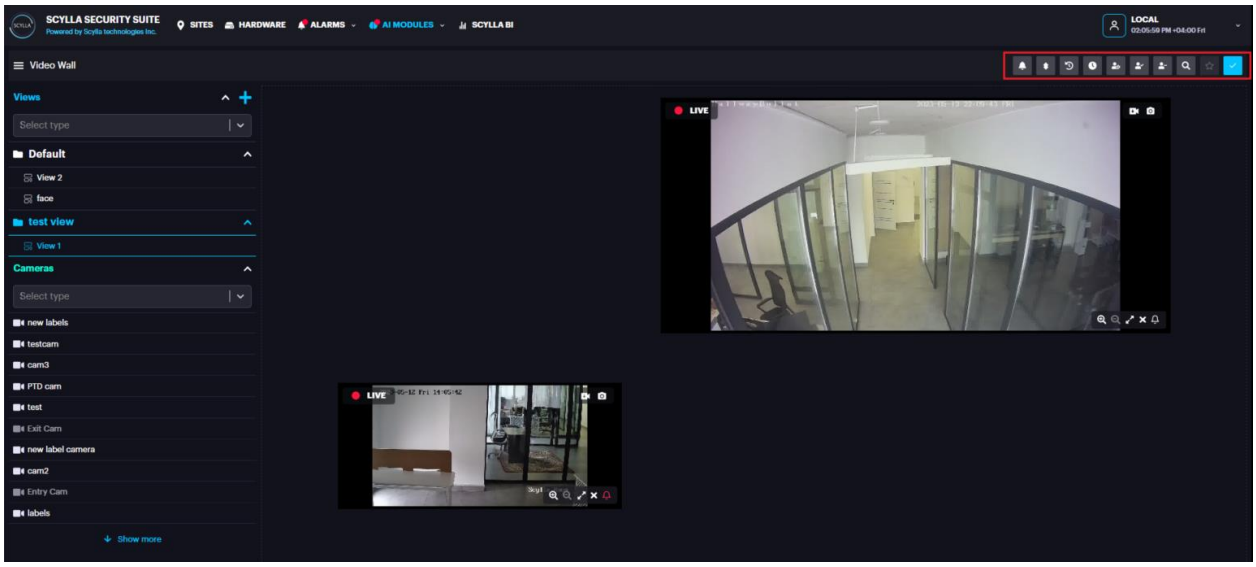
On the Cameras section, you can select existing cameras from the list to add them into **Views**, you even have the option to filter cameras **by Group, Site** and **Camera.**




Camera thumbnail has the following features

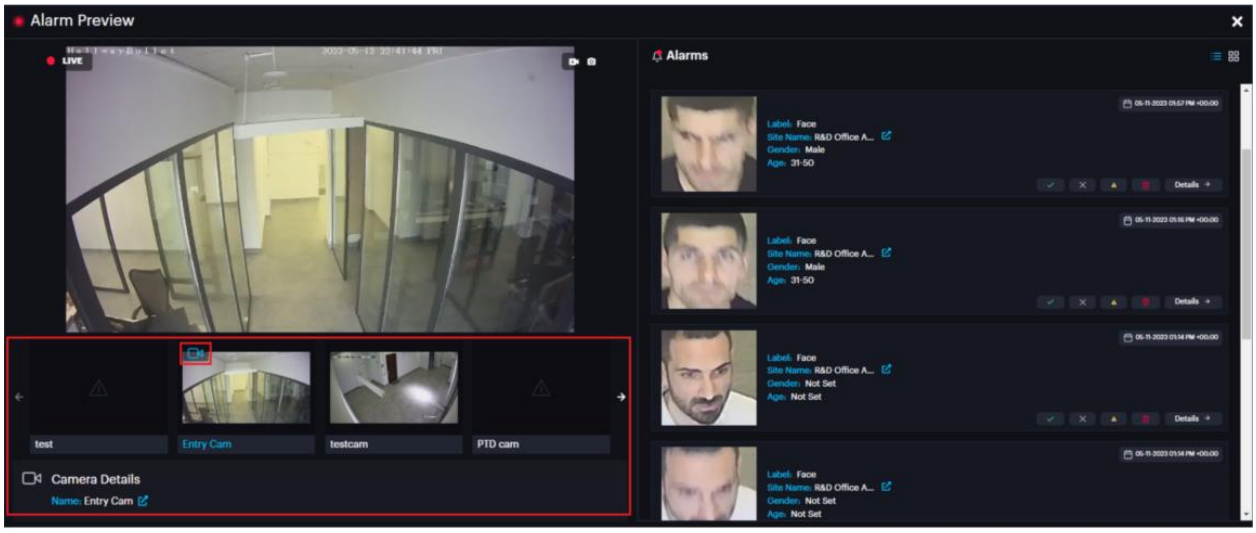

- Download 10 sec record.
- Download screenshot.
- Zoom In
- Zoom Out
- Full Screen
- Remove Camera from view.
- Alarm Preview

The right side consists of buttons each representing unique function.

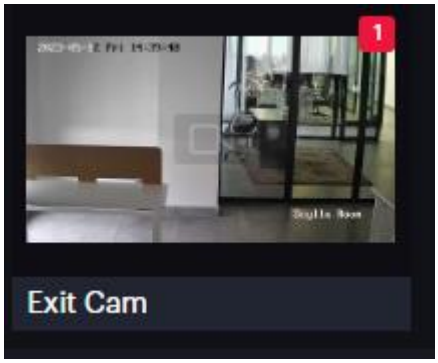



- **Alarm View**
- **Deployments**
- **History List**
- **Time Attendance**
- **Database**
- **Watchlist**
- **Whitelist**
- **Person Search**
- **Favorites**
- **Save**

## Alarm View



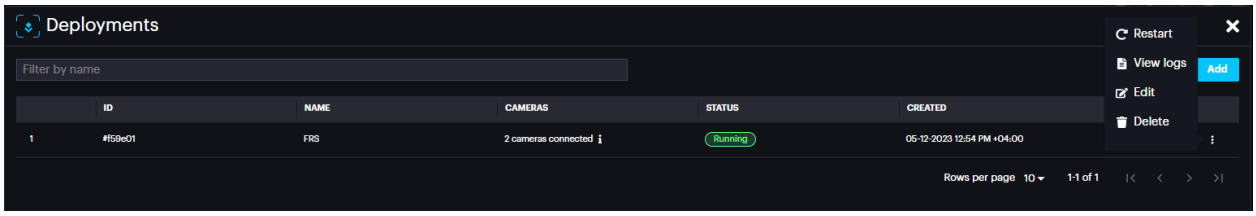

Select the required camera from the left menu (selected camera has camera icon in its thumbnail) In case of new alarm, the camera thumbnail displays the number of new alarms.




The right menu displays the alarms of the selected camera with alarm info, details, and management.

## Deployments

The deployments window displays the current deployments with info such as Deployment Name, cameras added to deployment, status of deployment and Creation date of deployment.

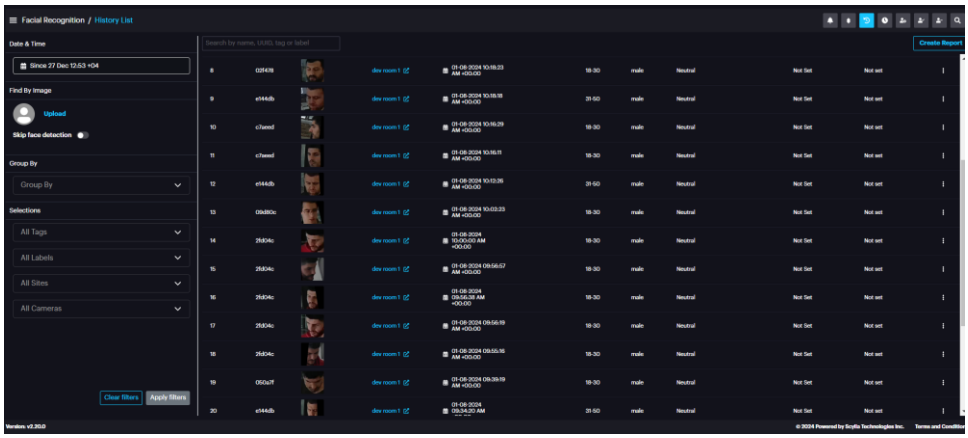



More options include Restarting deployment, viewing deployment logs, editing deployment and Deleting deployment.

To add a camera(s) to current deployment, click Edit from the options and select the required camera(s) from the drop-down menu.

## History List

History List displays the face detections with possibility to filter the detections based on Date & Time, Find By Image (by uploading an image), Group By Person or Camera, Site & Camera Selections.



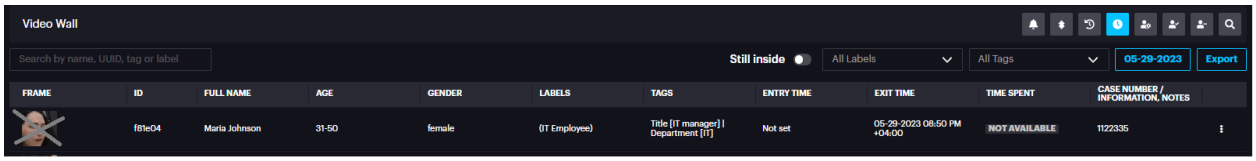

To Export report of detections, click the Create Report button, and choose the format (CSV, XLSX, PDF or ZIP).
It is possible to export the detections snapshots by enabling the with frames option (Reports with frames can contain maximum 1000 alarms).

Click **Create**.

## Time Attendance

Time attendance page displays the attendance info based on face recognition.

It is important to specify the Entry & Exit cameras using “entry” or “exit” tag in the camera settings.




Info includes Person info (Full Name, Age, Gender, Labels & Tags), Entry Time, Exit Time, Time spent & Case Number.

It is possible to filter for attendance records based on Labels, Tags & Date.

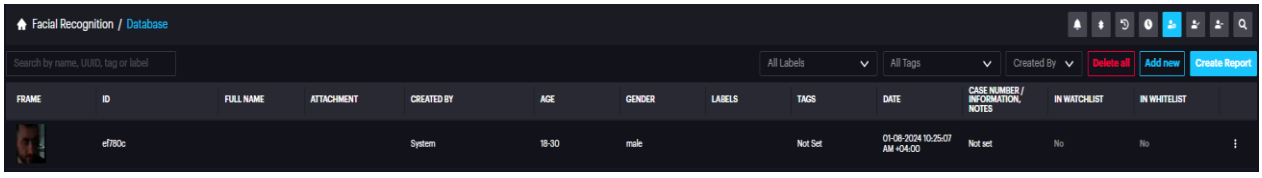
To only view people that are still inside (having only entrance detection), toggle the **Still inside** option.

To Export report of Time attendance, click the **Create Report** button, and choose the format (CSV, XLSX, PDF or ZIP).
It is possible to export the detections snapshots by enabling the with frames option (Reports with frames can contain maximum 1000 rows).

Click **Create**.

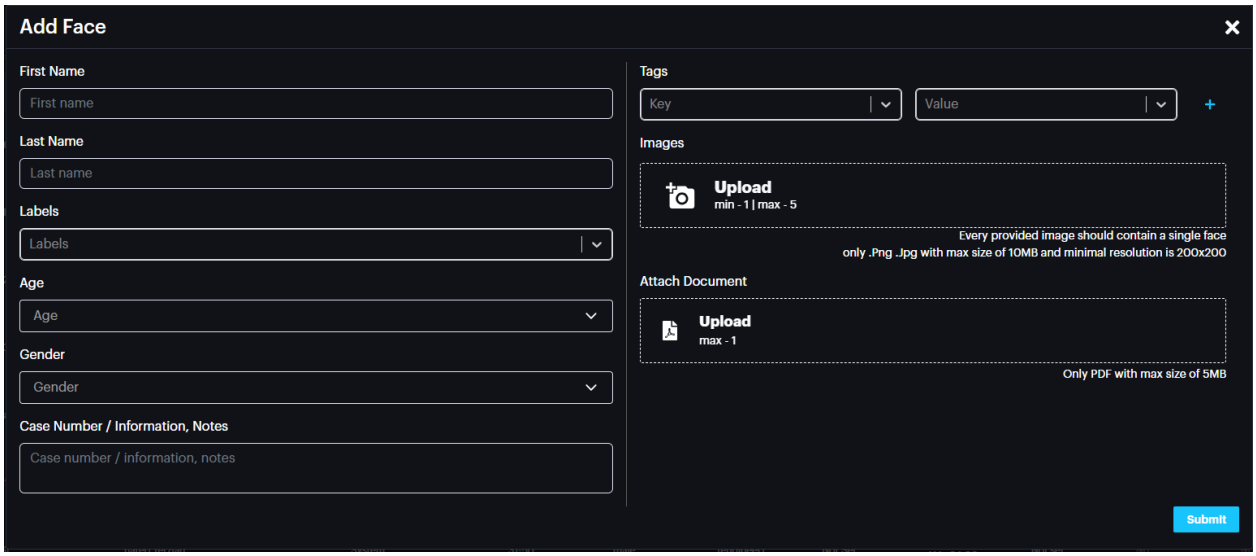
## Database

Database includes face images either uploaded by operator or auto enrolled by the system (if autoenrollment setting is enabled).



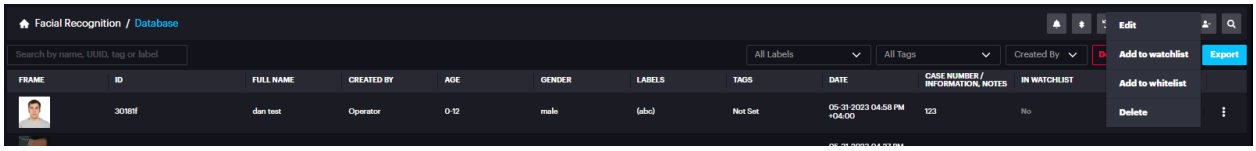

To add new faces manually to the database, click on according to button, click on **Add new** button on the up-right side, fill the needed information about the person, upload image of the person.

Tags can be added to define more information by creating **Key** and **Value** (e.g. Key can be **Department** & Value can be **IT**).




It is possible to filter the records based on **Labels, Tags** & **Created By** which has the Operator (uploaded image) or System (auto enrolled) options.

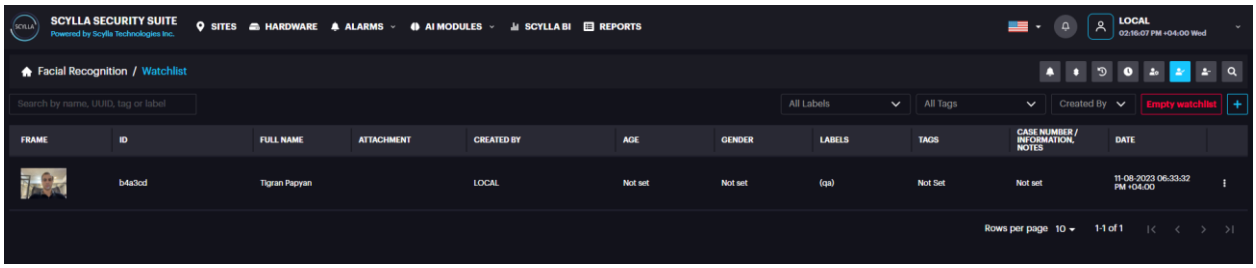
Click the More options **three dots** for a specific record to Edit person info, add/remove face to watchlist, add/remove face to whitelist, or delete face from database.




If a face is added to Watchlist or Whitelist, the IN WATCHLIST or IN WHITELIST field in the record will display YES.

## Watchlist

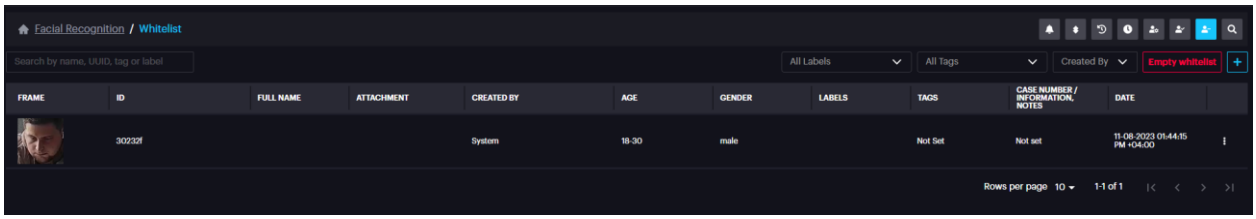
Watchlist includes the face records that are added to watchlist.
When watch listed face is detected, it will create an alarm




To remove all the faces from watchlist, click the **Empty watchlist** button.
To add a new face to watchlist, click the **+** button and select the face.
To Remove a face from watchlist or move to whitelist, click the **more option three dots** in the record and choose the required action.
To edit person Info, click the **more option three dots** and **edit.**

## Whitelist

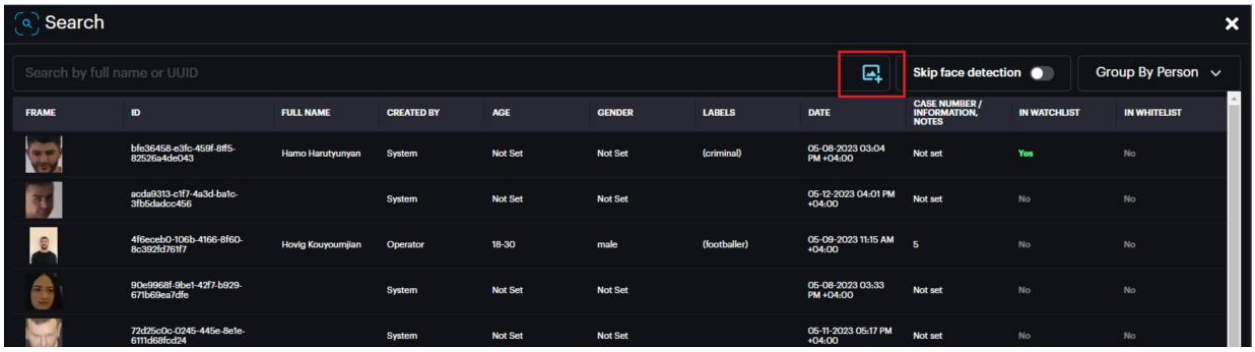
Whitelists include the face records that are added to whitelist.
When whitelisted face is detected, it will not cause an alarm



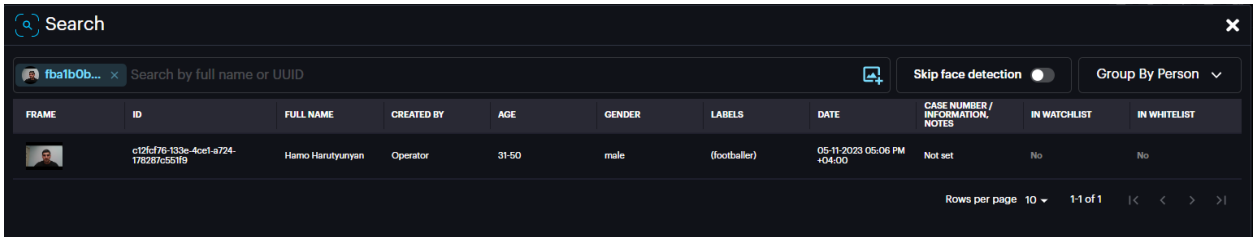

To remove all the faces from the whitelist, click the **Empty whitelist** button.
To add a new face to whitelist, click the **+** button and select the face.
To Remove a face from whitelist or move to watchlist, click the **more option three dots** in the record and choose the required action.
To edit person Info, click the **more option three dots** and **edit.**

## Person search

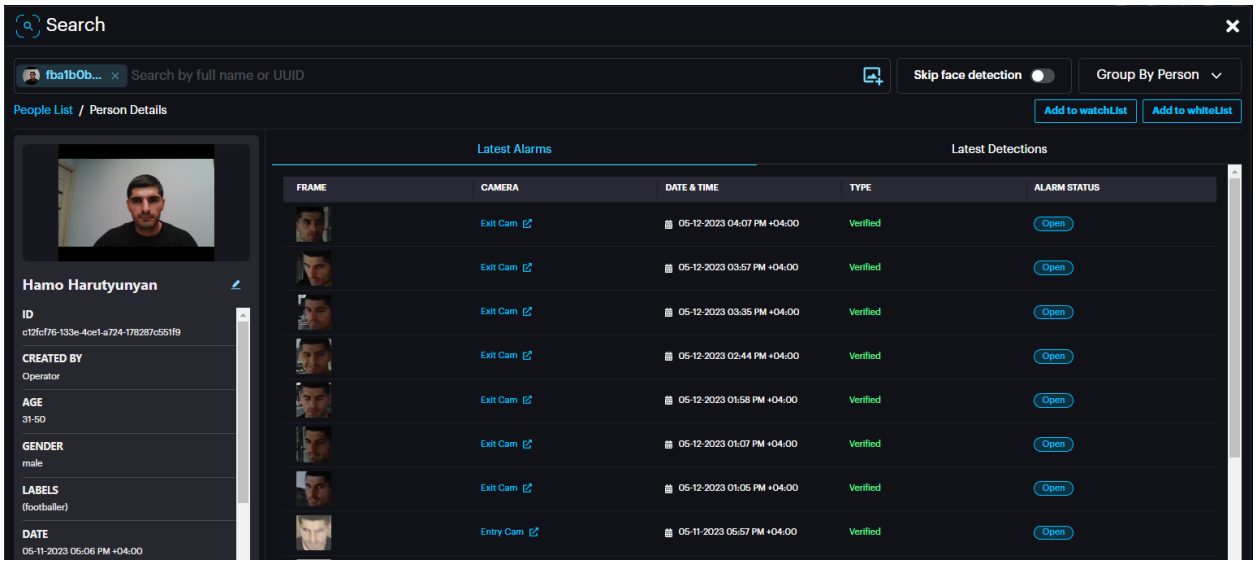
The person search window initially displays the face records currently in database.
To search for a specific person in database, upload the face image by clicking the **Upload** button.




After successfully uploading the image, only the specified person's record appears.




Clicking on this person's record will display all the detection related to the person.

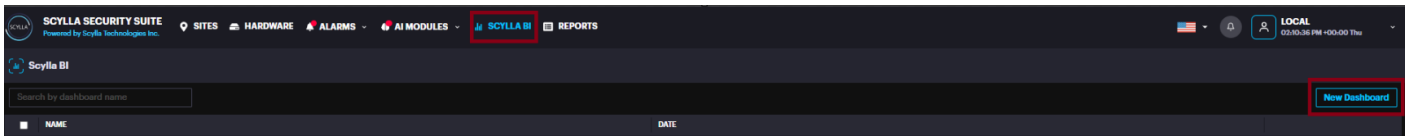


## Scylla BI

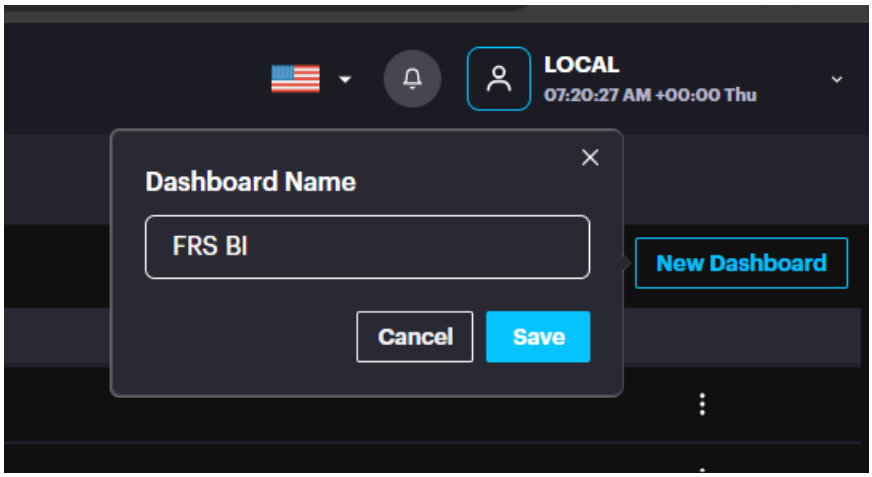
Scylla BI includes different types of metrics which are visually presented by widgets on dashboard for business insights and Visitor Tracking.

## Creating Dashboard

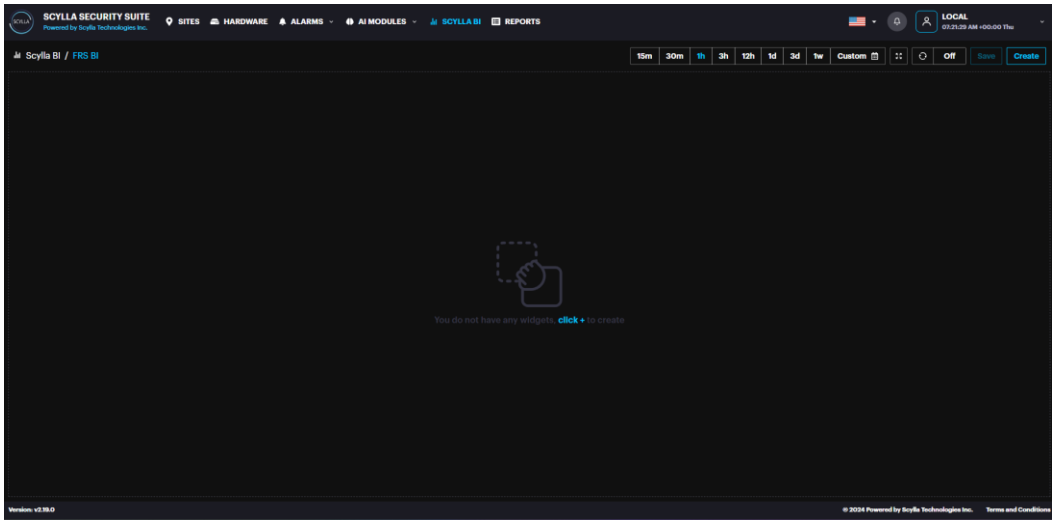
Navigate to SCYLLA BI from the top menu and click New Dashboard.



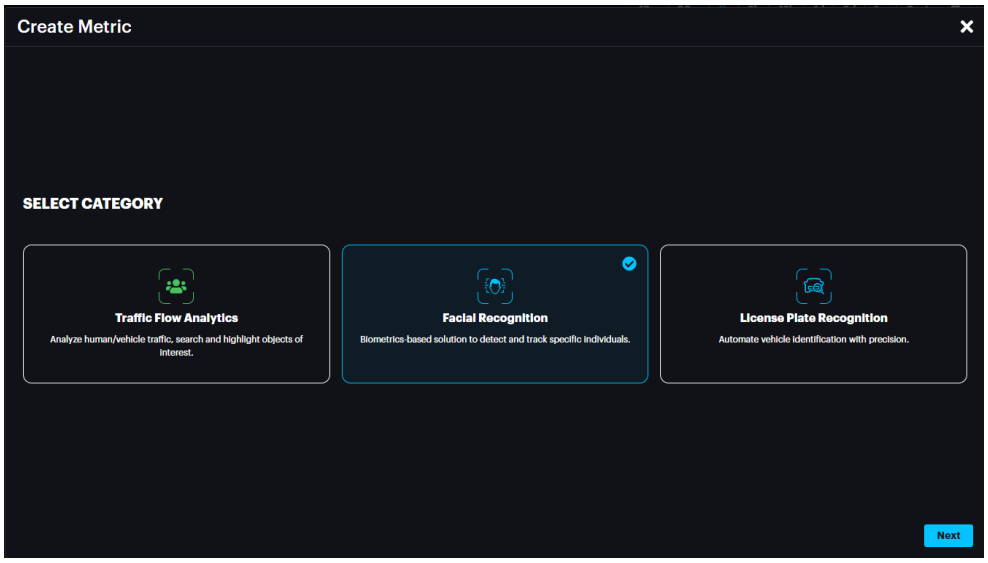

Name the dashboard and click **Save.**



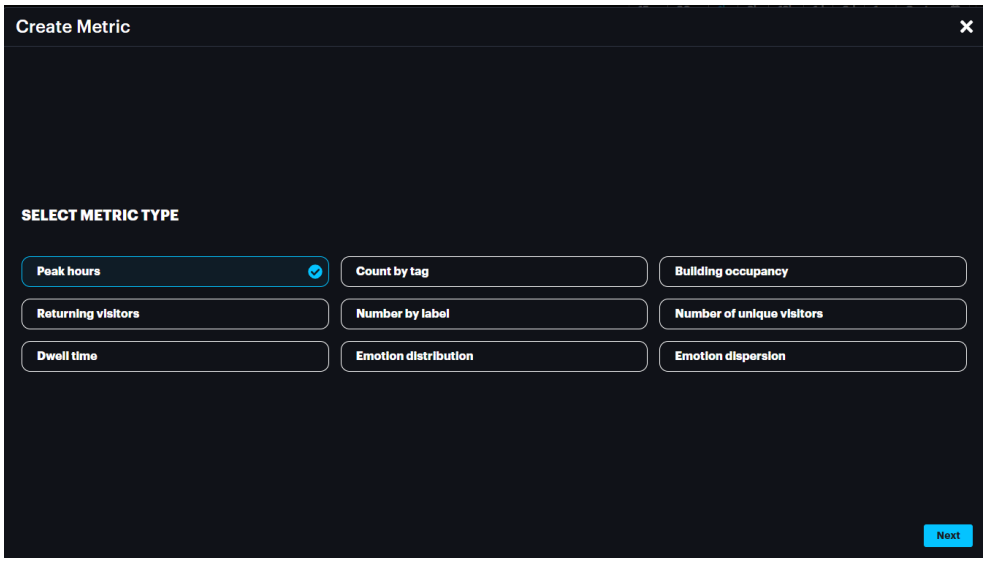

A new dashboard under SCYLLA BI is created.



Click the **click+** button (at the center) or the **Create** button (top right) to create metric.

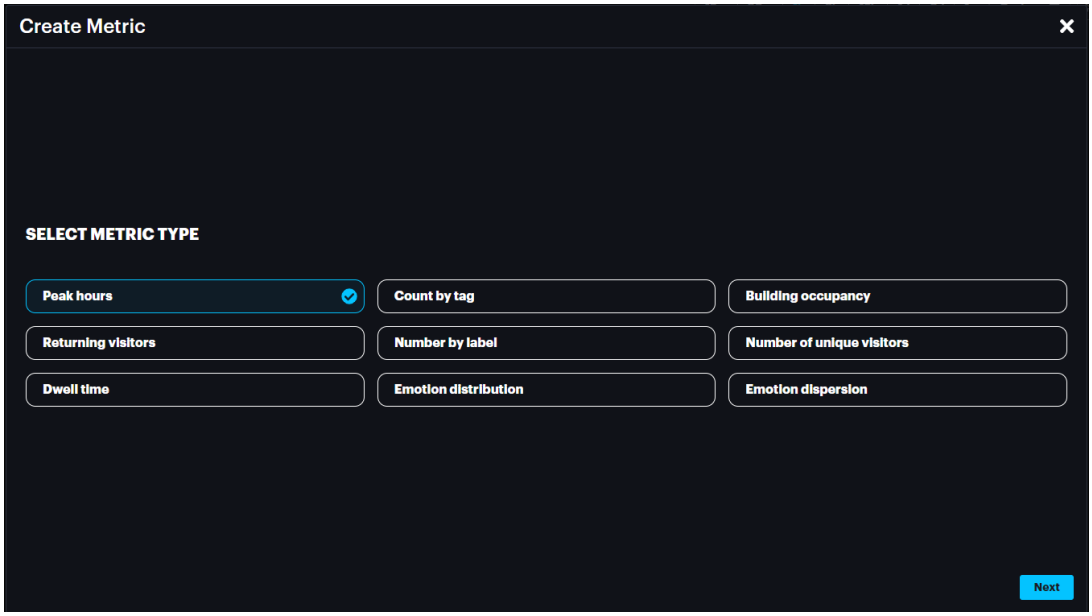



Select Facial Recognition and click Next and the list of FRS metric appears.

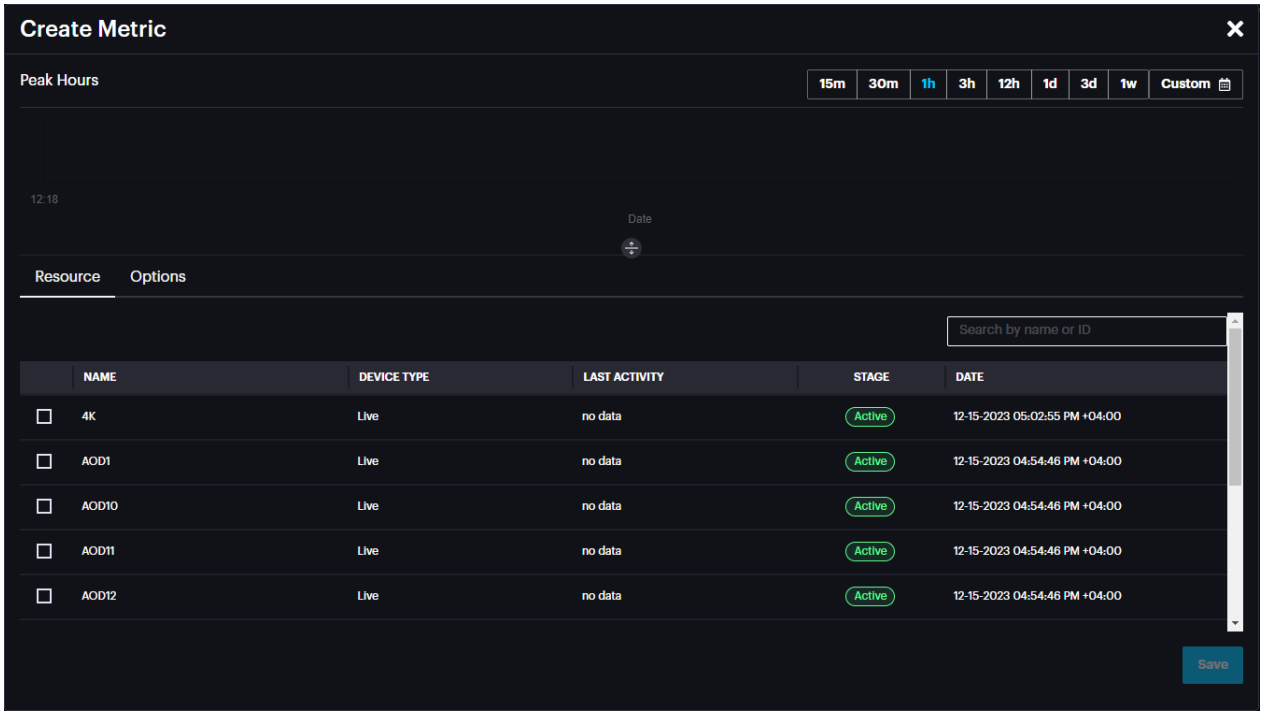


# Peak hours

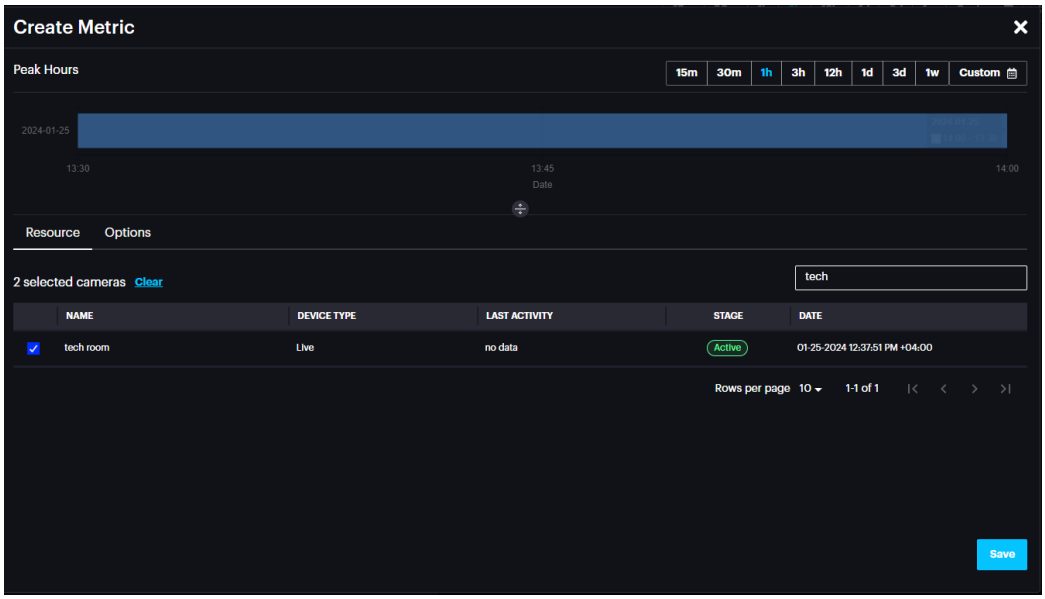
This metric displays the visitor peak hour where the most face detections occurred for the specified camera(s) and during specified time range.




Select Peak hours and click **Next.**
List of cameras appears under Resources.



Select the desired camera(s)




Go to options to configure metric settings.

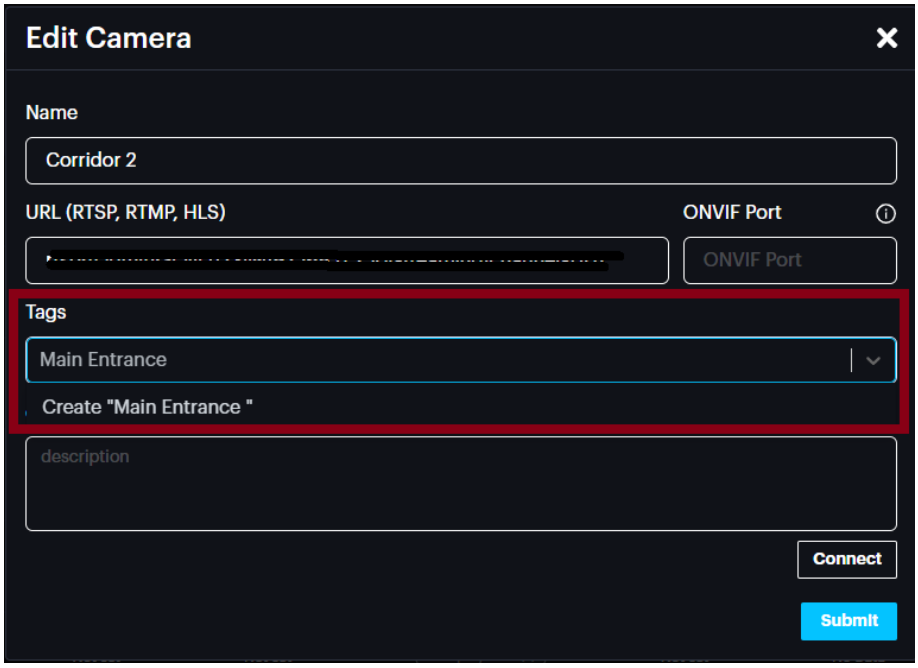
**Widget Type:** Gantt
Click **Save.**


Peak hour metric widget is created on the dashboard.

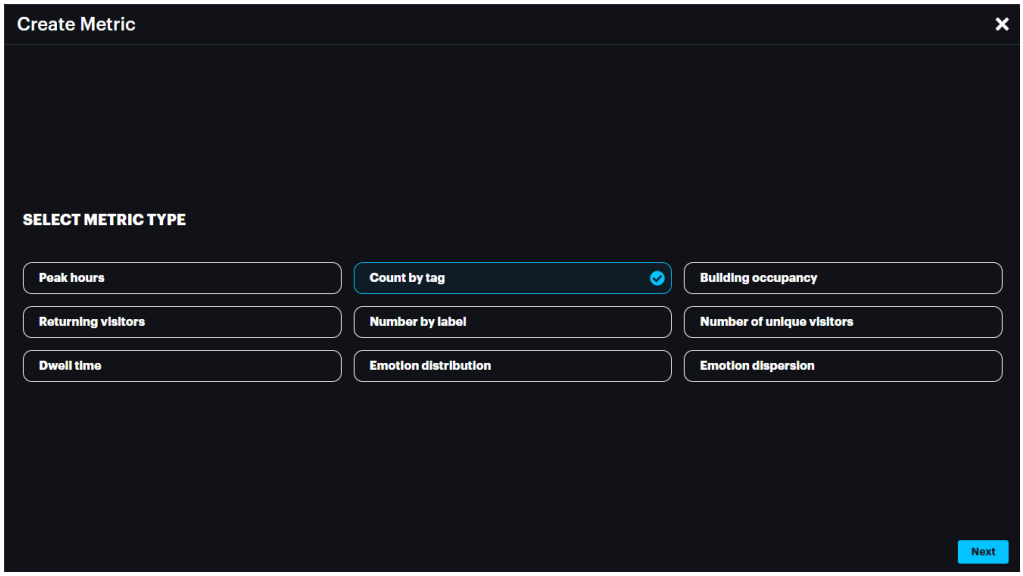
## Count by Tag

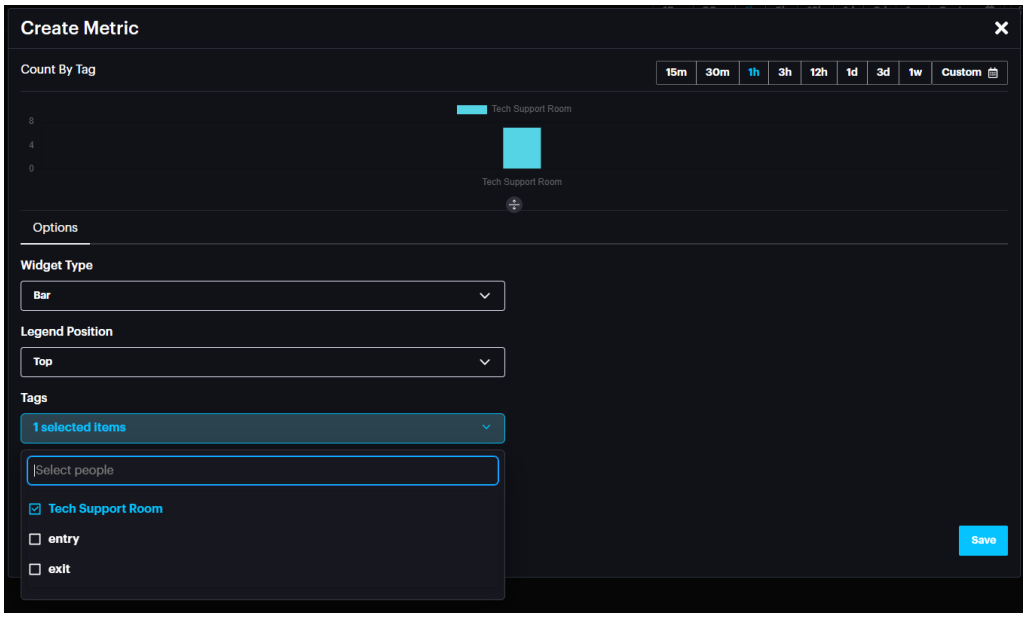
This metric displays the visitor count based on face detection on a specific camera.

In Hardware page -> Edit camera -> Create tag for the camera by typing in the Tags field.



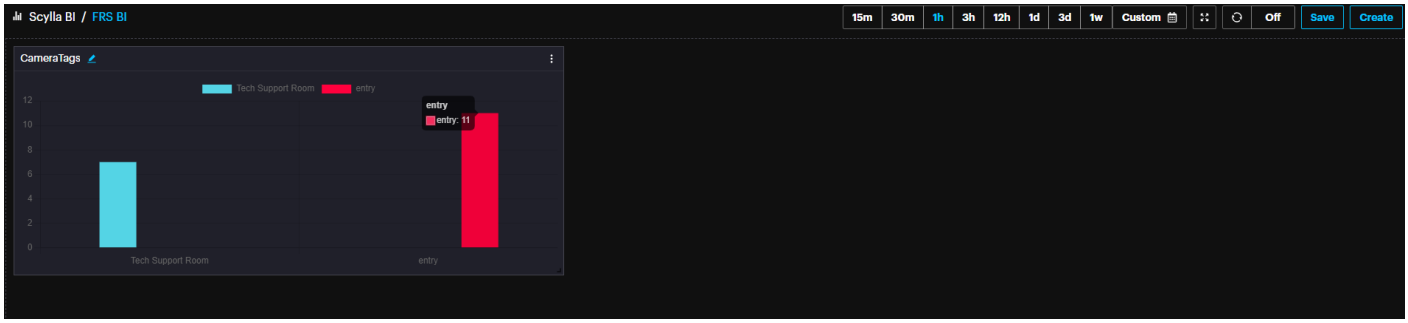

Select Count by tag from the list of metrics and click **Next.**






Widget Type:  Bar or Number
Legend Position: Top, Bottom, Right or Left
Tags: Camera Tag, multiple can be selected

Click **Next.**



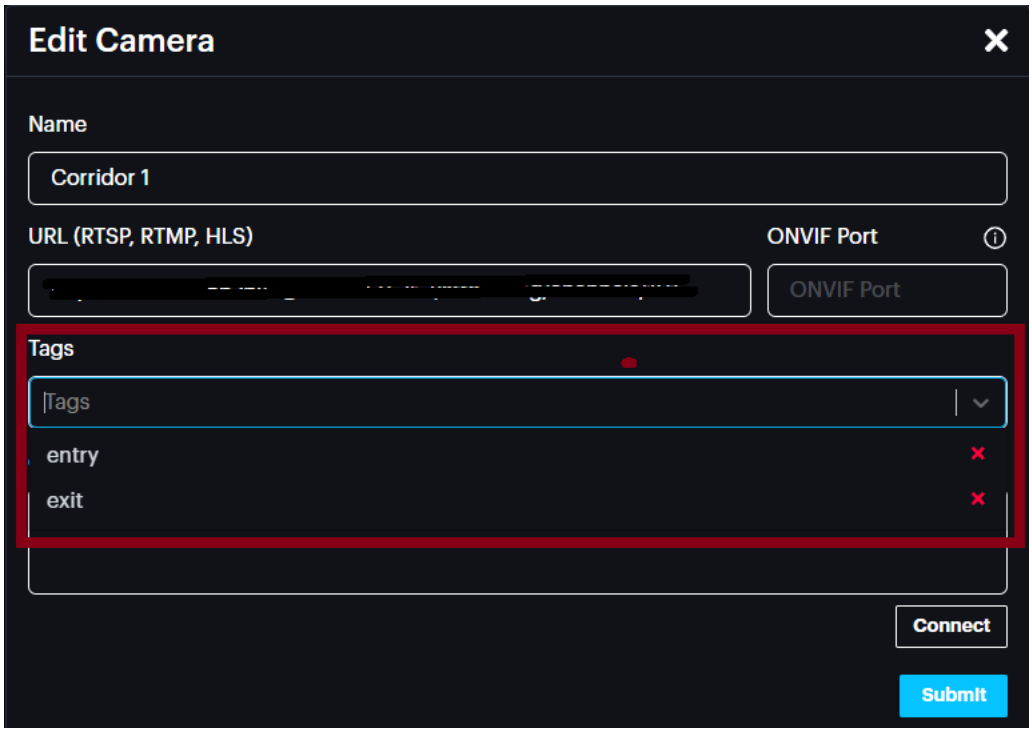

Count by Tag metric widget is created on dashboard.

## Building Occupancy

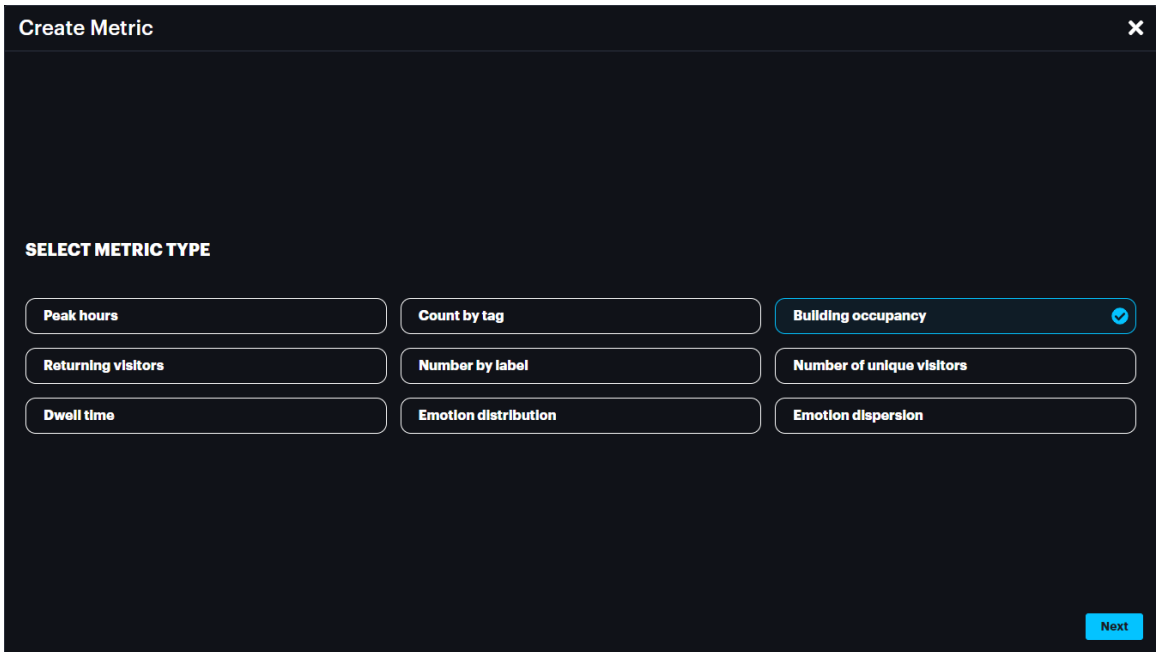
This metric displays the building occupancy based on visitor face detections on Entry and Exit cameras.

For a premise with multiple entrances/exits, it is possible to specify several entrance/exit cameras.

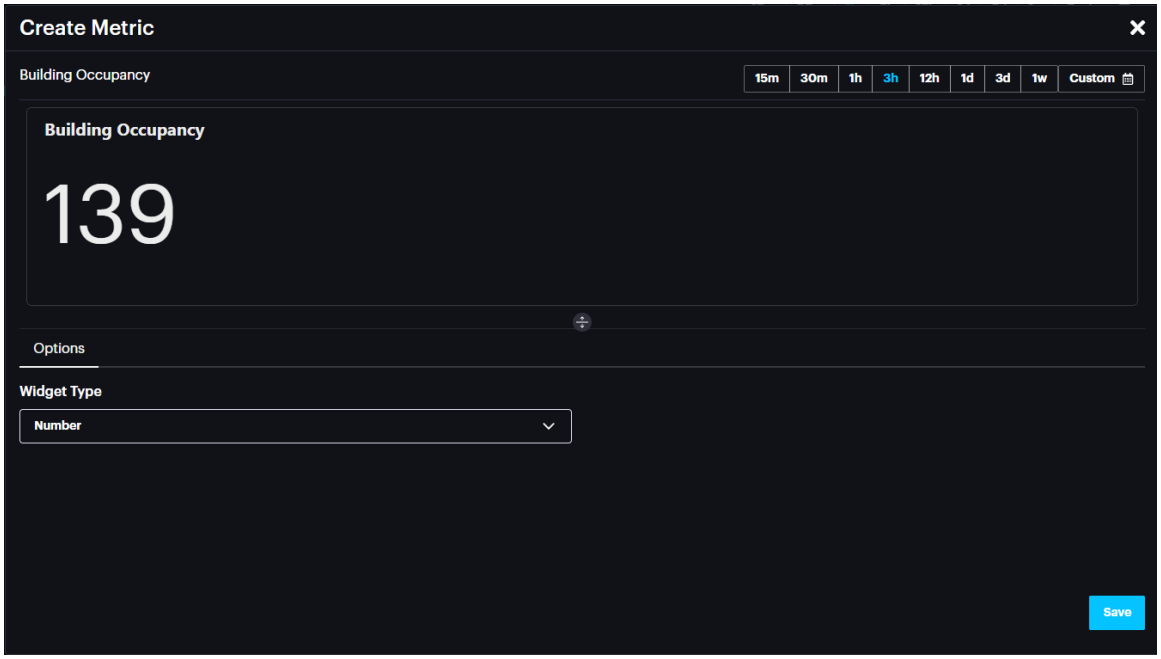
In Hardware page -> Edit camera -> Create entry or exit tag for the camera by typing in the Tags field.



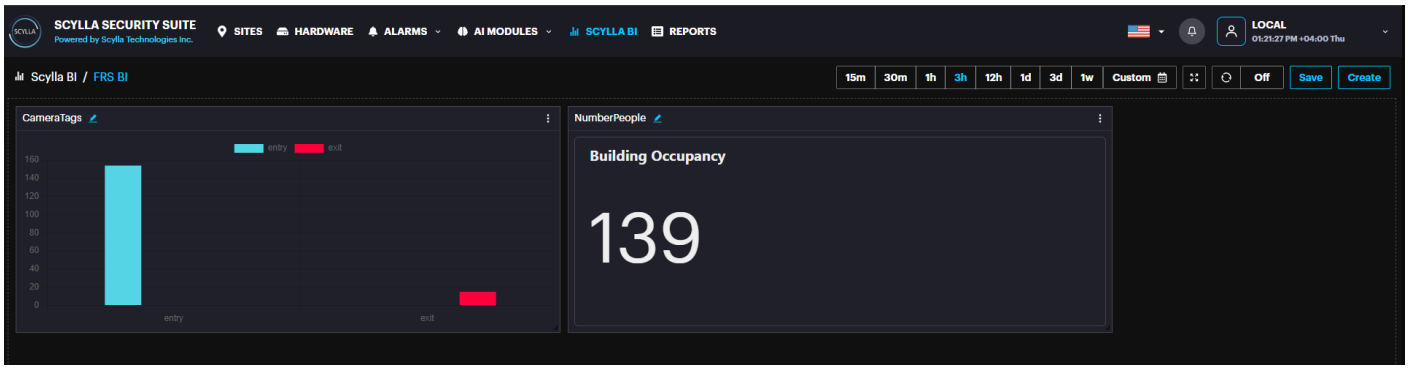

Back to Scylla BI metric list, select Building occupancy.




and click **Next.**



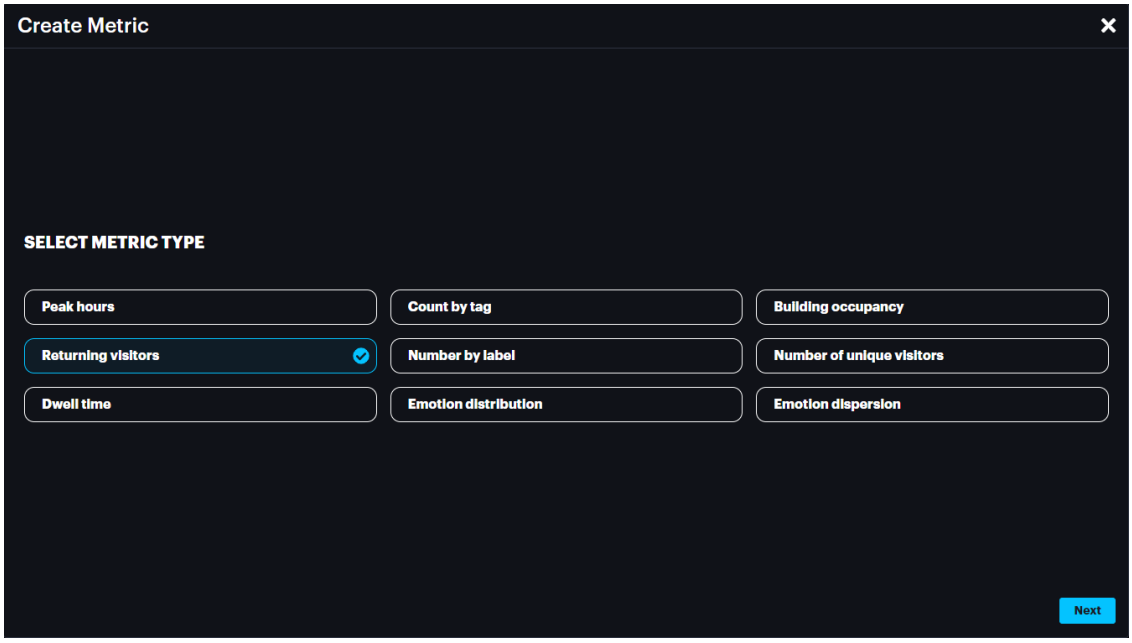

**Widget Type:** Number or Bar
Click **Save.**



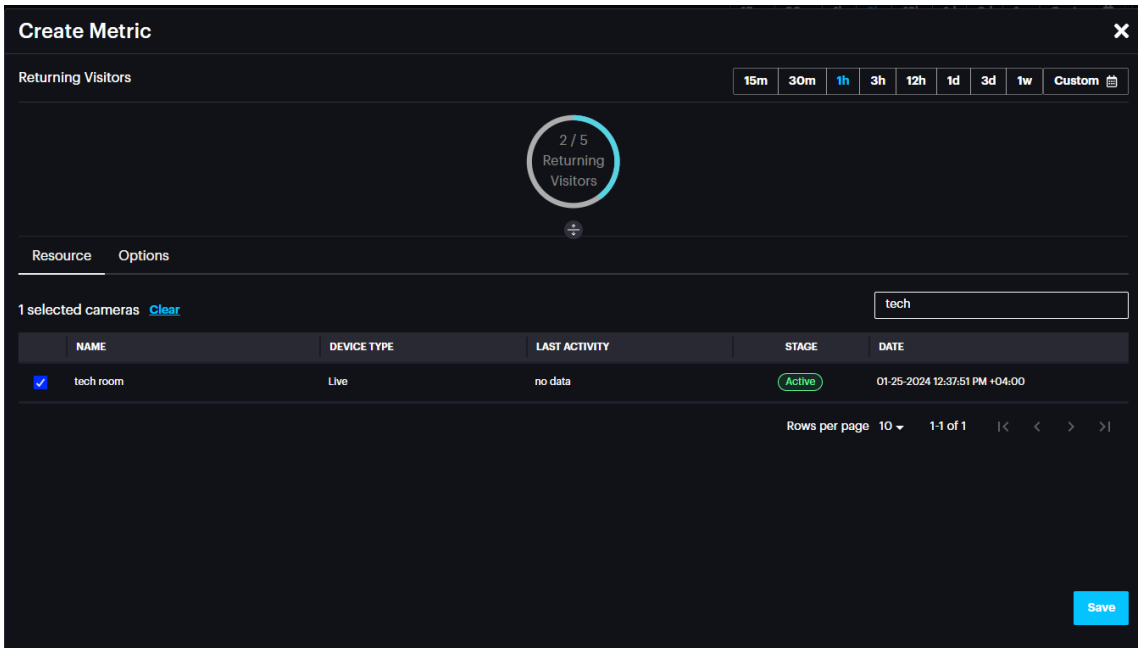

Building Occupancy metric widget is created on the dashboard showing the number of visitors inside the building.

## Returning Visitors

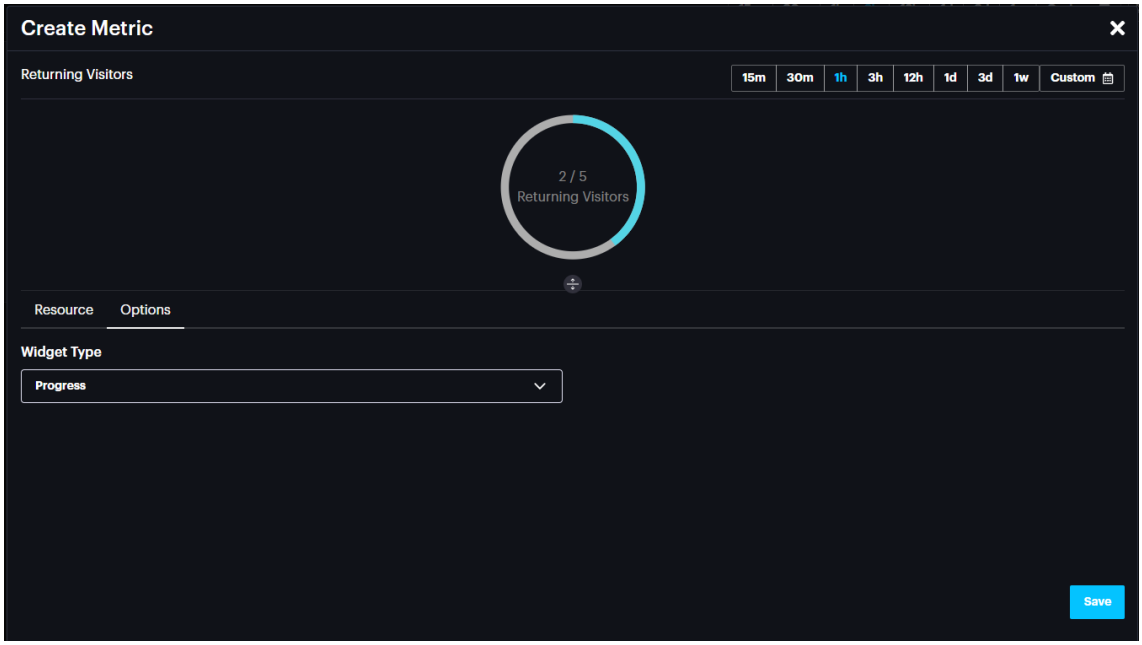
This metric counts the number of returning visitors using the face recognition AI by checking if the newly detected visitor's face was already detected previously.



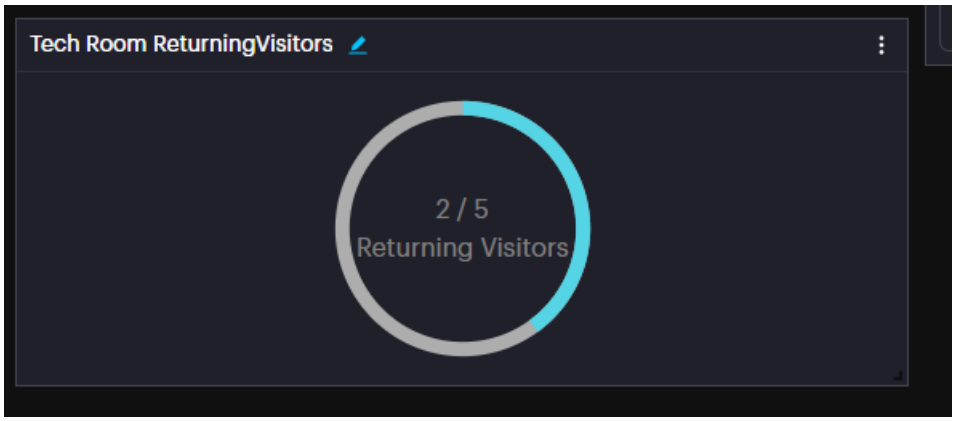

Select Returning visitors from the metric list and click Next.
List of cameras appears under Resources. Select the desired camera (s).




Go to the Options Tab to configure metric settings.




**Widget Type:** Progress or Number
Click **Save**.

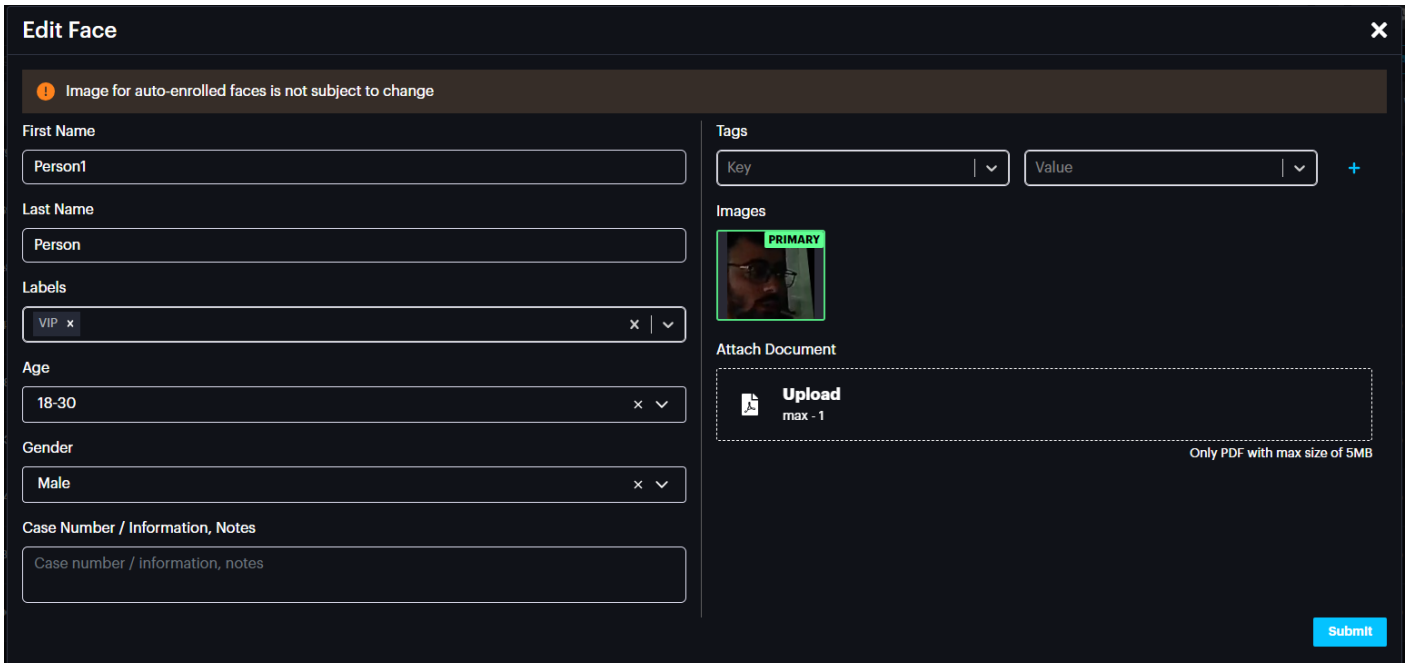



Returning Visitor metric widget is created on dashboard.
In the example above, out of the 5 visitors of Tech Room, 2 were returning visitors.

## Number by Label

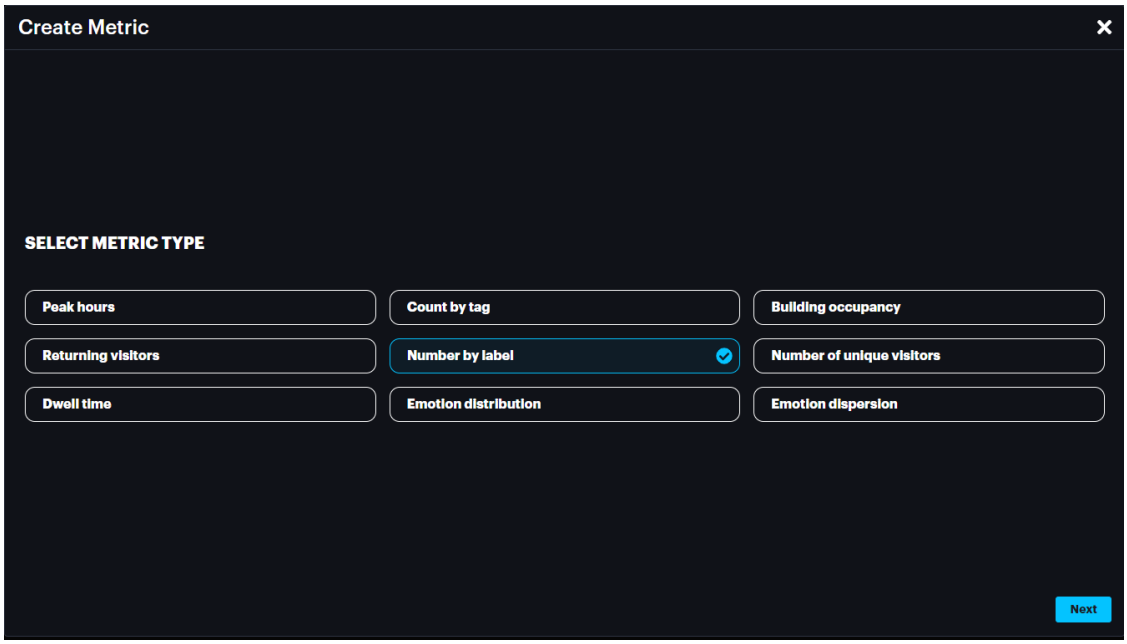
This metric counts the number of visitors using the label specified in the face database.

Navigate to AI Modules -> Facial Recognition -> Database - > Edit a face

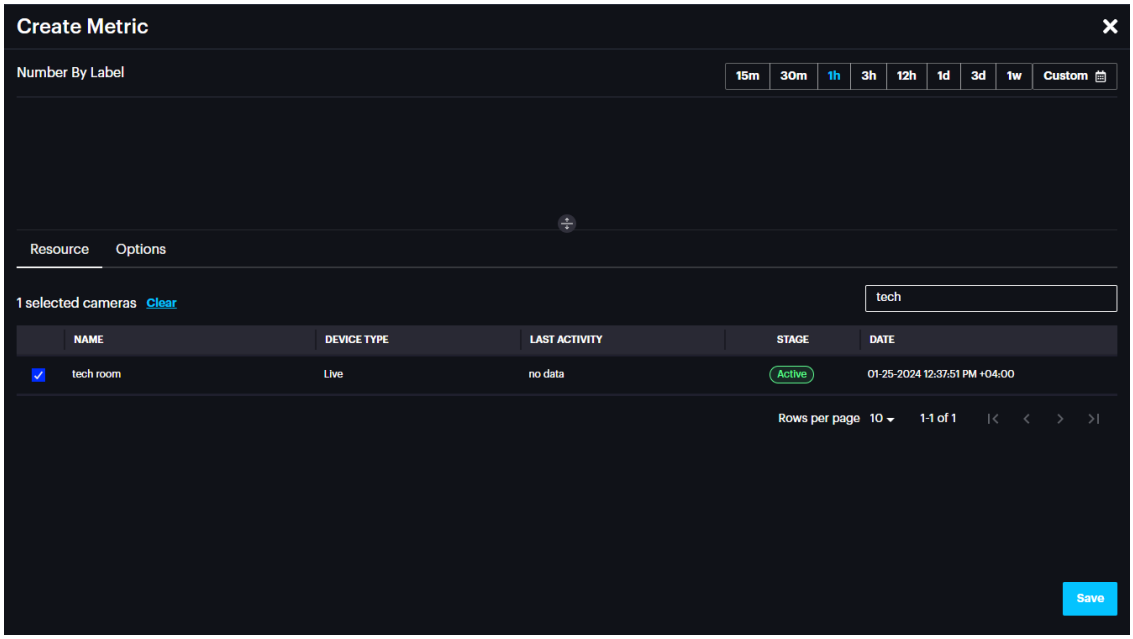



In this example, “VIP” label is created for this visitor.

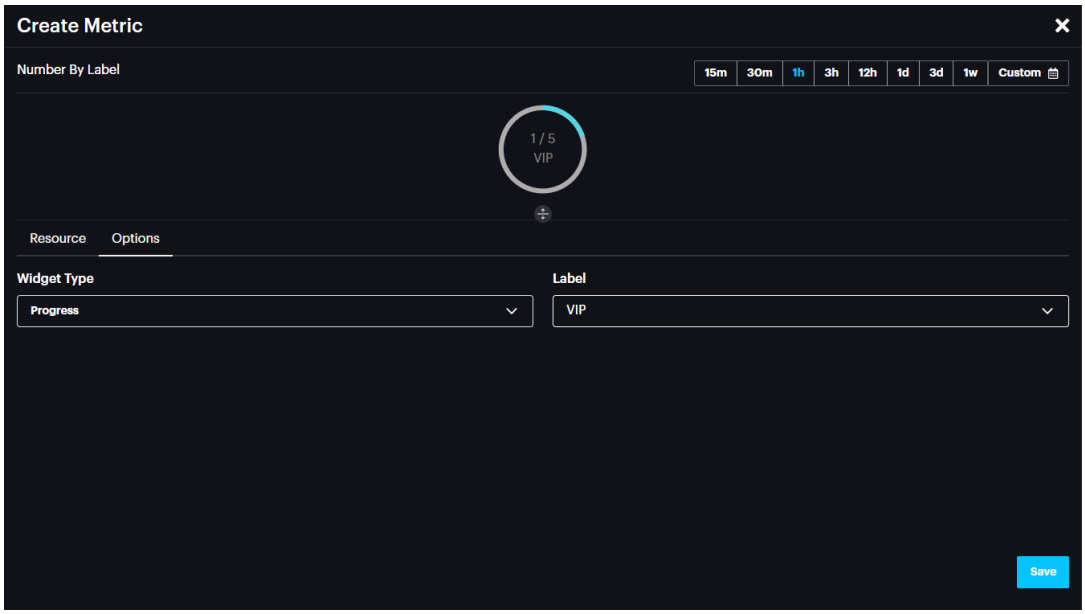
Therefore, it is possible to create a metric to count number of visitors with “Engineer” label




Select Number by label from the metric list and click **Next.**
List of cameras appears under Resources. Select the desired camera (s).

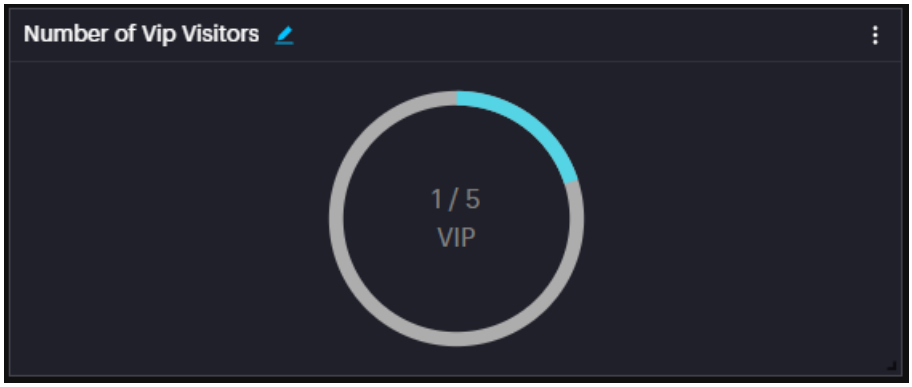


Go to the Options tab to configure metric settings.




**Widget Type:** Progress or Number
**Label:** Label list already created in face database

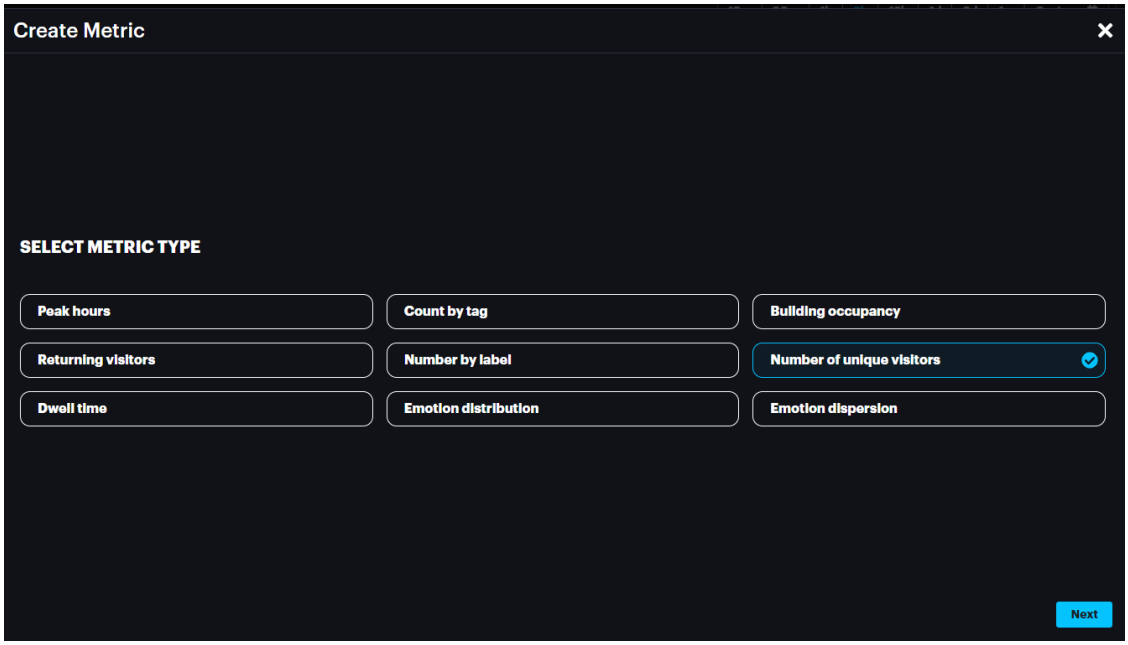
Click **Save.**




Number by Label metric widget is created on dashboard.
In the example above, out of 5 visitors to Tech room there is 1 VIP visitor.

## Number of Unique visitors

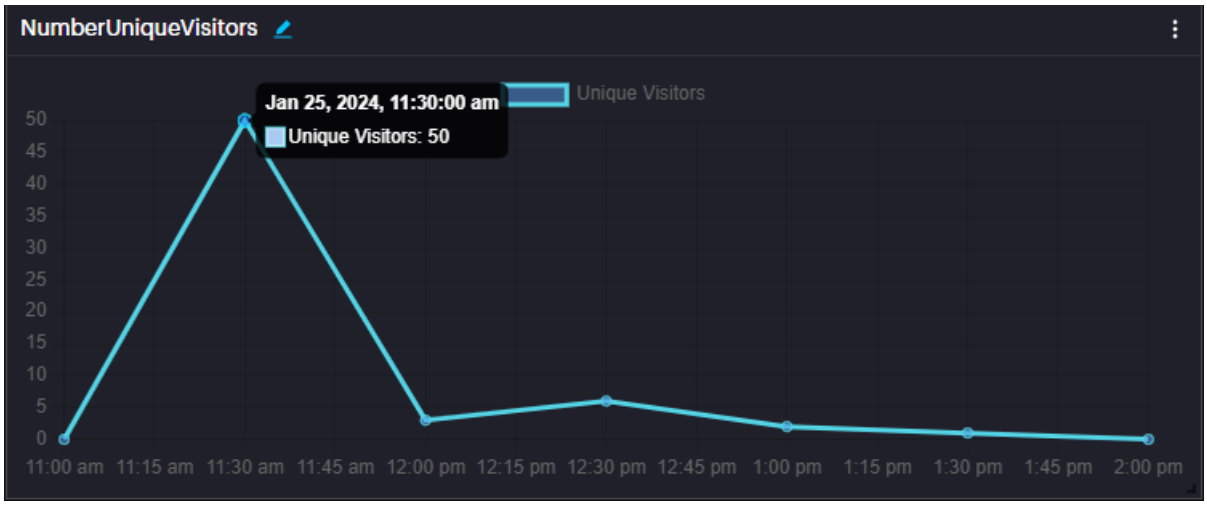
This metric displays the unique visitor count in face database in the specified time range avoiding same visitor count.




Select Number of unique visitors from the metric list and click **Next.**


**Widget Type:** Line
**Legend Position:** Top, bottom, left or Right

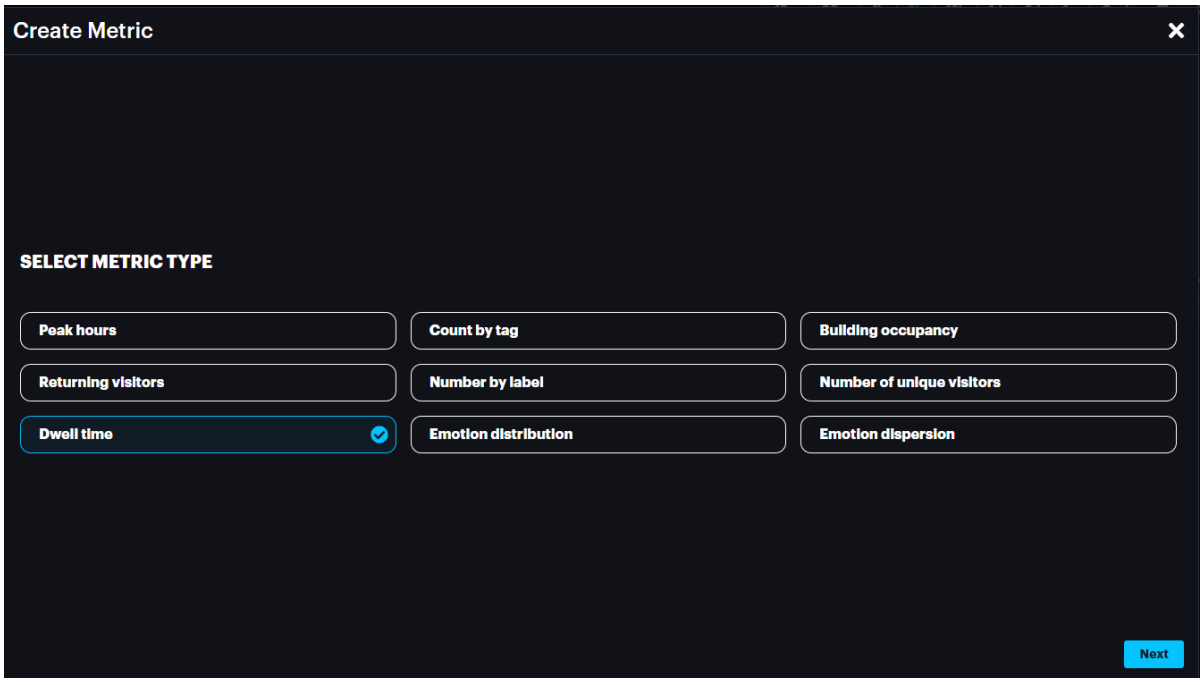
Click **Save.**



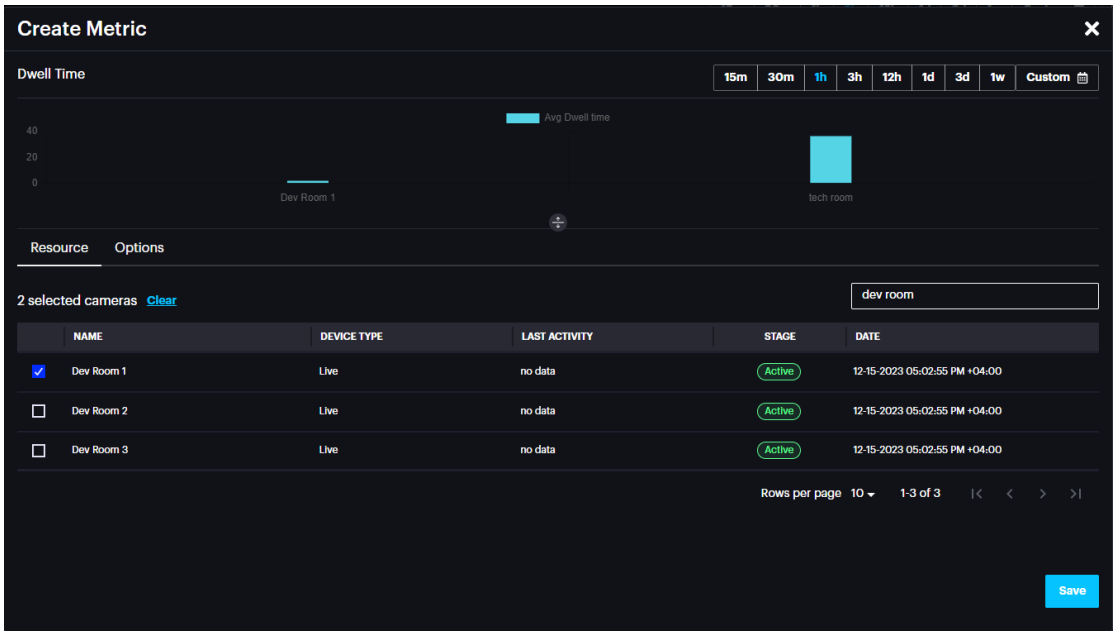

Number of Unique visitor's metric widget is created on dashboard.

## Dwell time

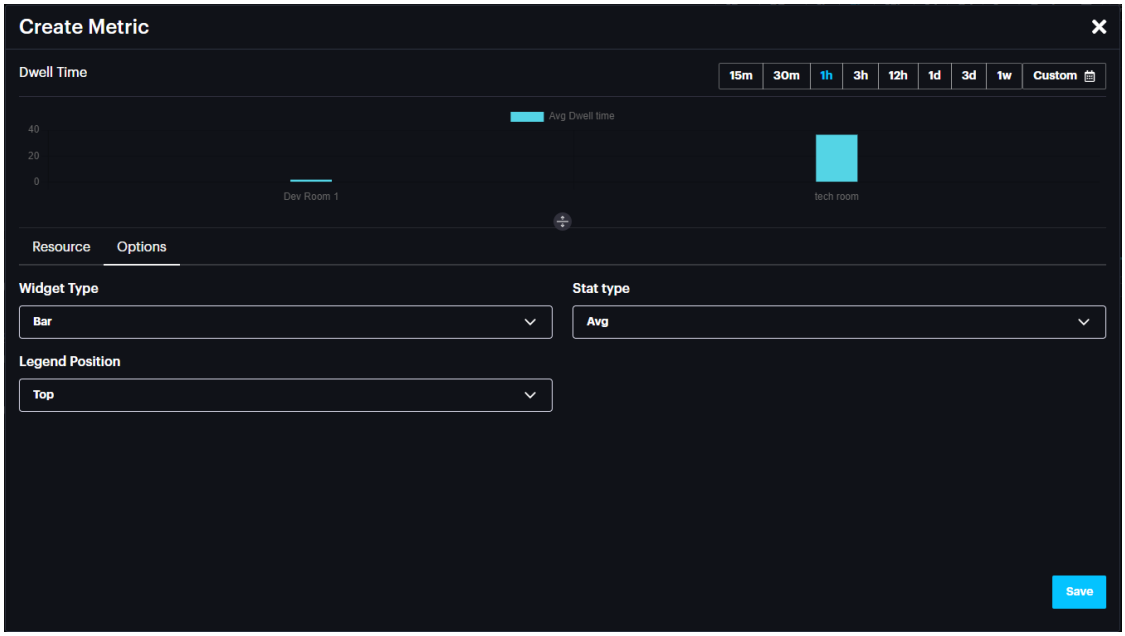
This metric displays the Min/Max/Average time spent by visitors in camera(s) view
Select Dwell time from the metric list and click **Next.**



List of cameras appears under Resources. Select the desired camera (s).




Go to the Options tab to configure the metric settings.




**Widget Type:** Bar
**Legend Position:** Top, Bottom, Right or Left
**Stat Type:** Min, Max or Avg

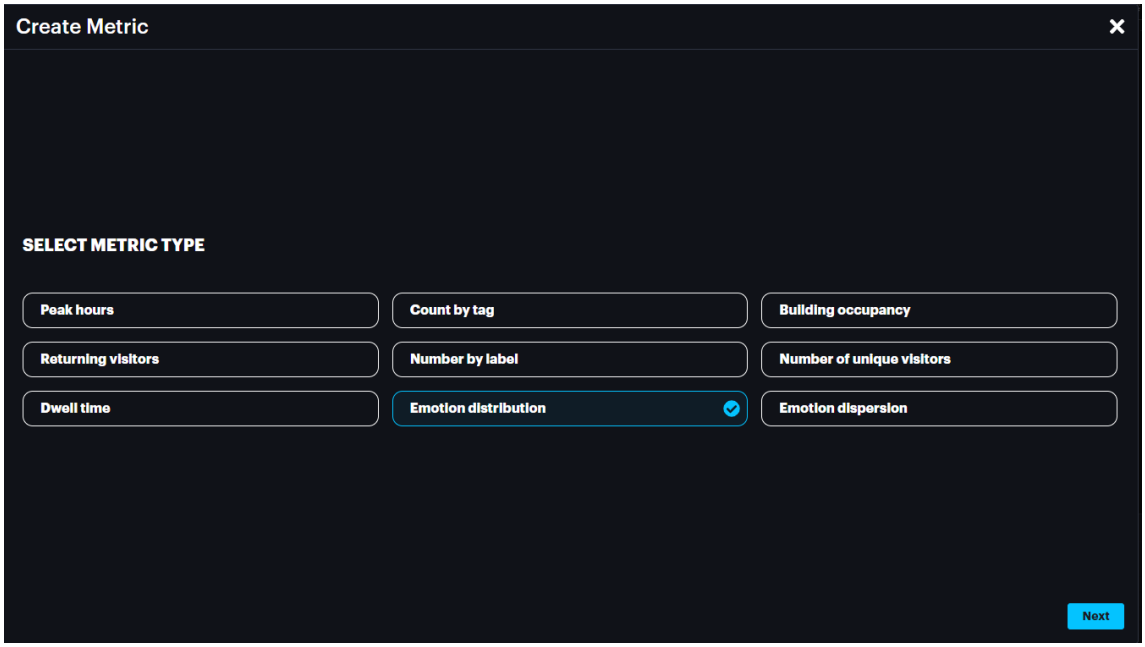
Click **Save.**


Dwell time metric widget is created on dashboard.

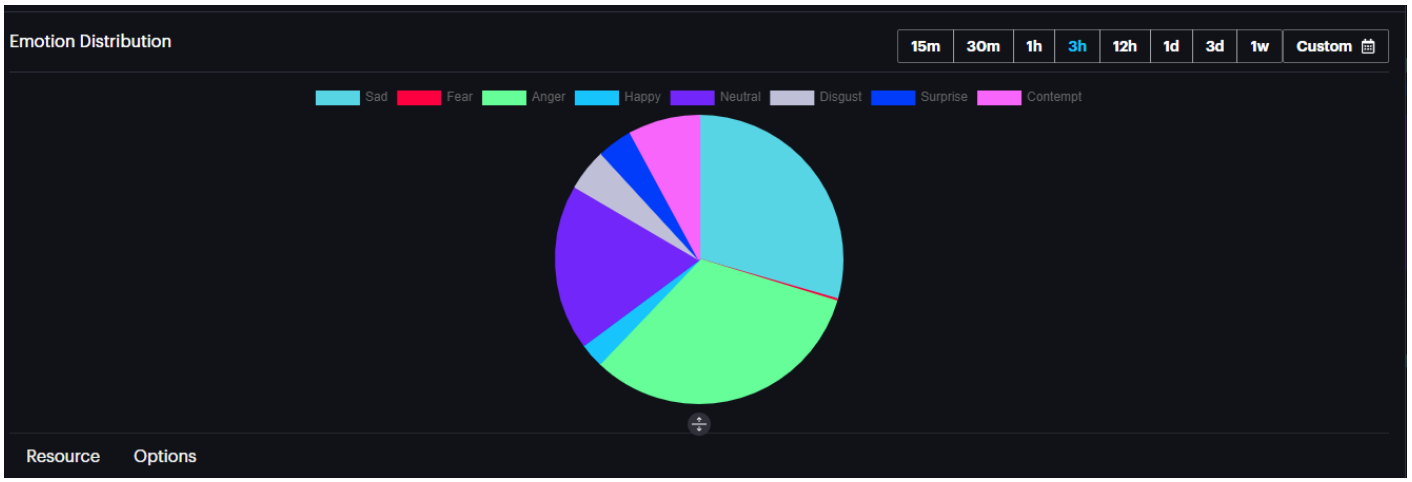
## Emotion distribution

This metric displays different emotion count such as sad, fear, anger, happy, neutral, disgust, surprise and Contempt on a specific camera.

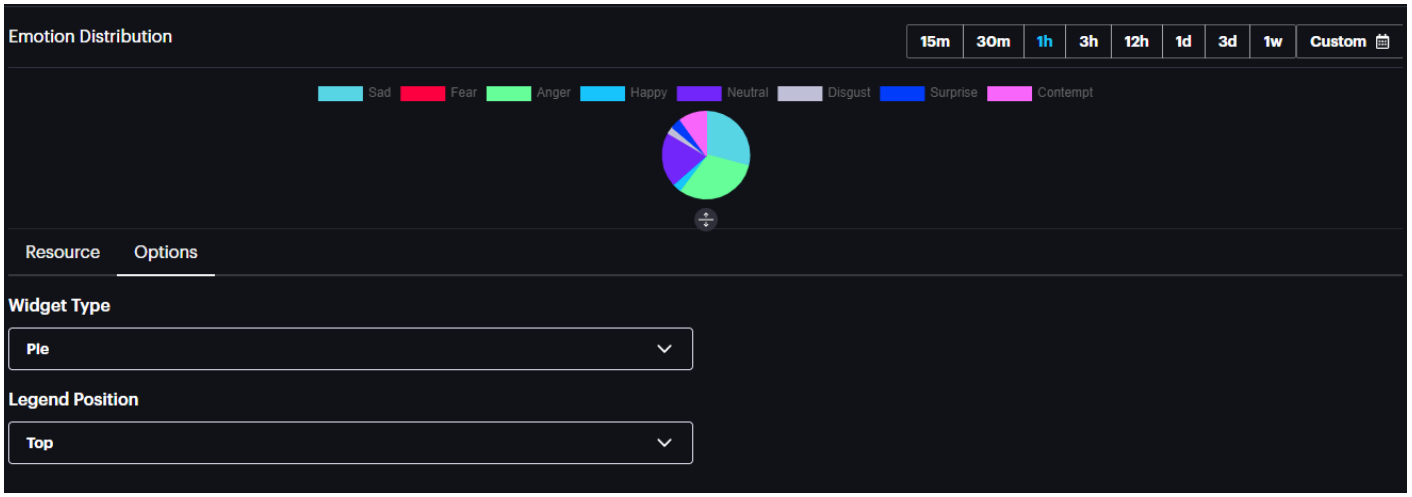
Select Emotion distribution from the metric list and click **Next.**




List of cameras appears under Resources. Click on the desired camera.




Go to the Options tab to configure metric settings.




**Widget Type:** Pie or Doughnut
**Legend Position:** Top, Bottom, Left or Right

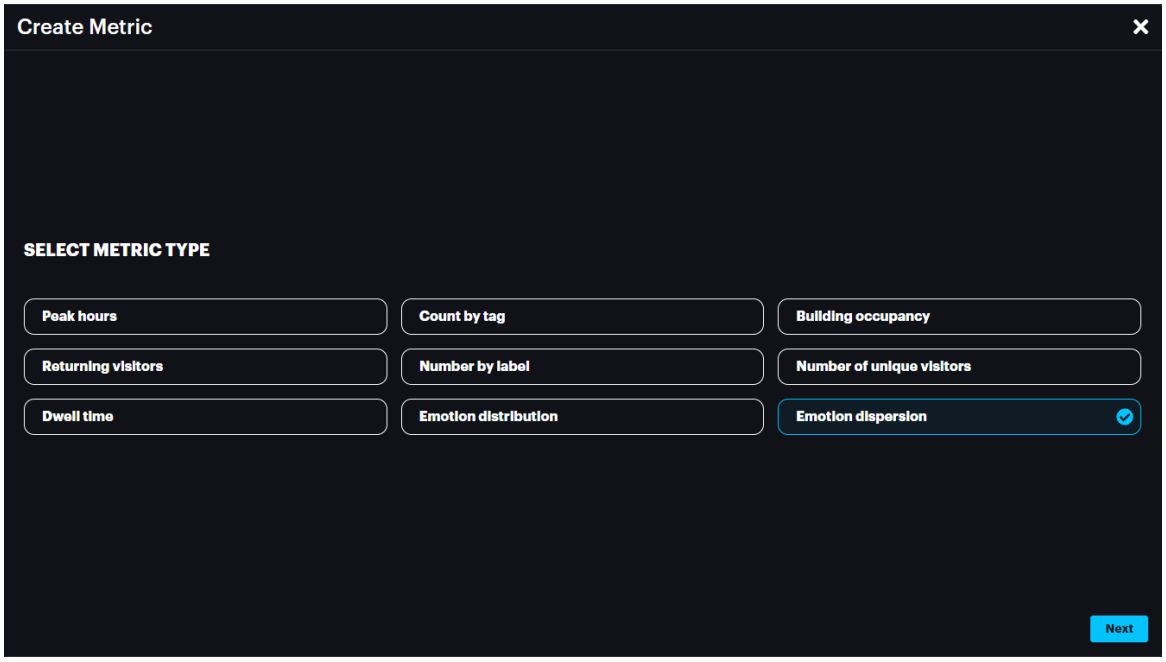
Click **Save.**

Emotion distribution metric widget is created on the dashboard.

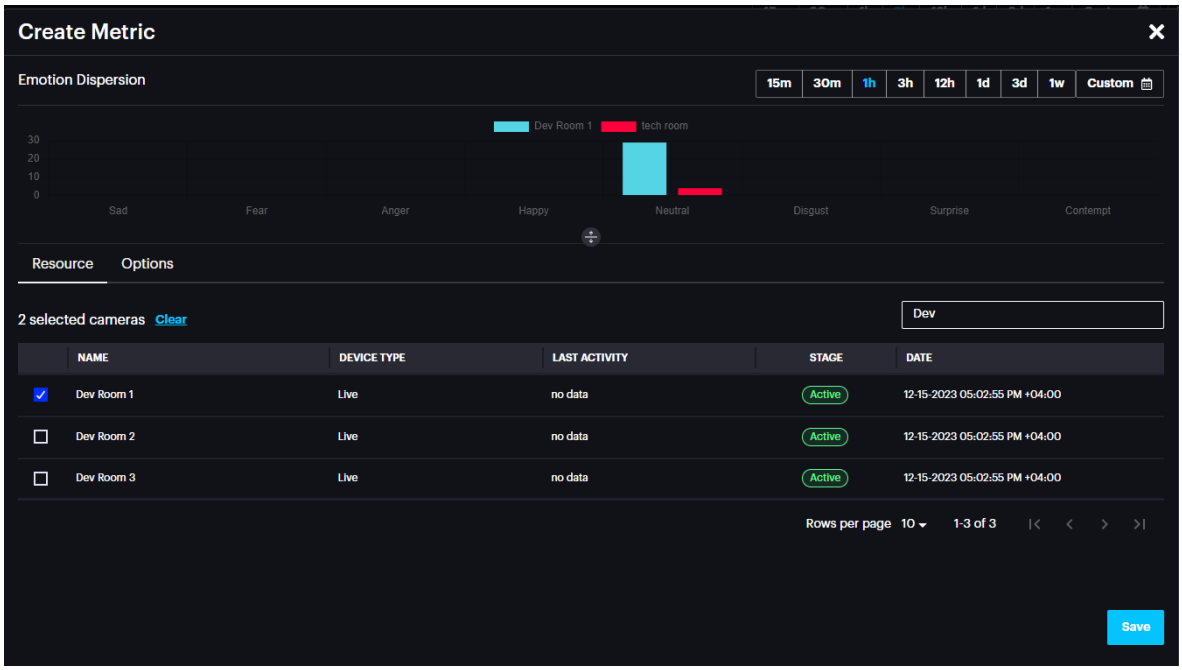

## Emotion Dispersion

This metric displays different emotion count such as sad, fear, anger, happy, neutral, disgust, surprise and Contempt on camera(s).

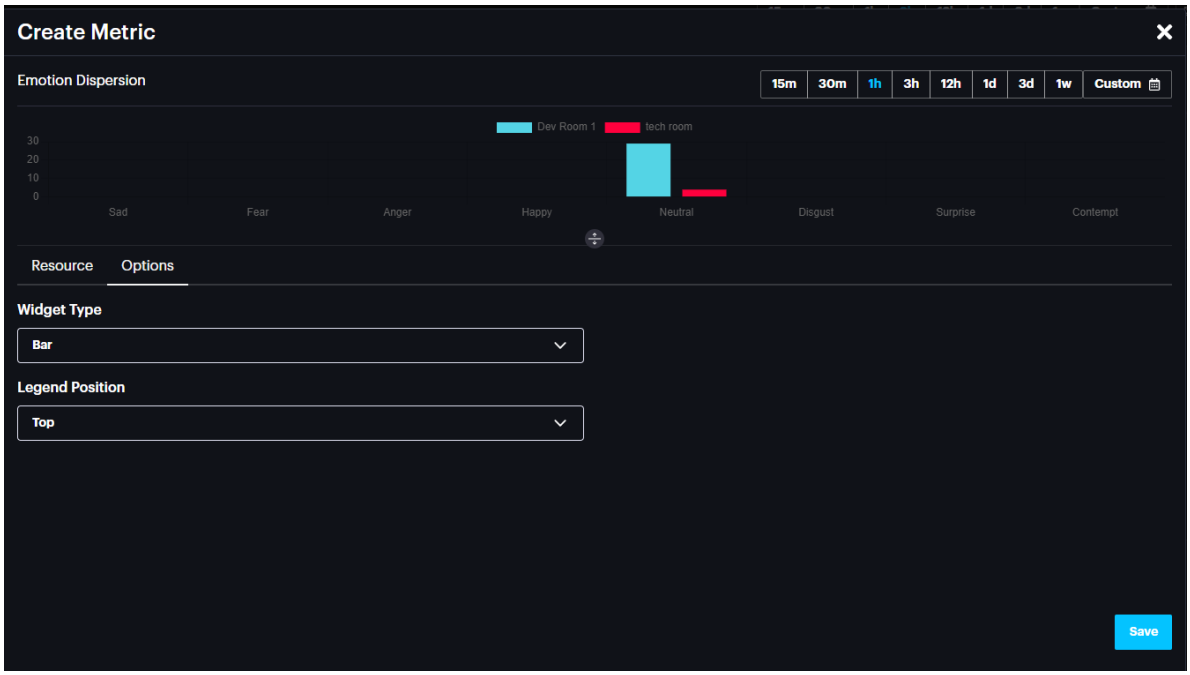
Select Emotion dispersion from the metric list and click **Next.**




List of cameras appears under Resources. Select the desired camera (s).




Go to the Options tab to configure the metric settings.




**Widget Type:** Bar
**Legend Position:** Top, Bottom, Left or Right

Click **Save.**

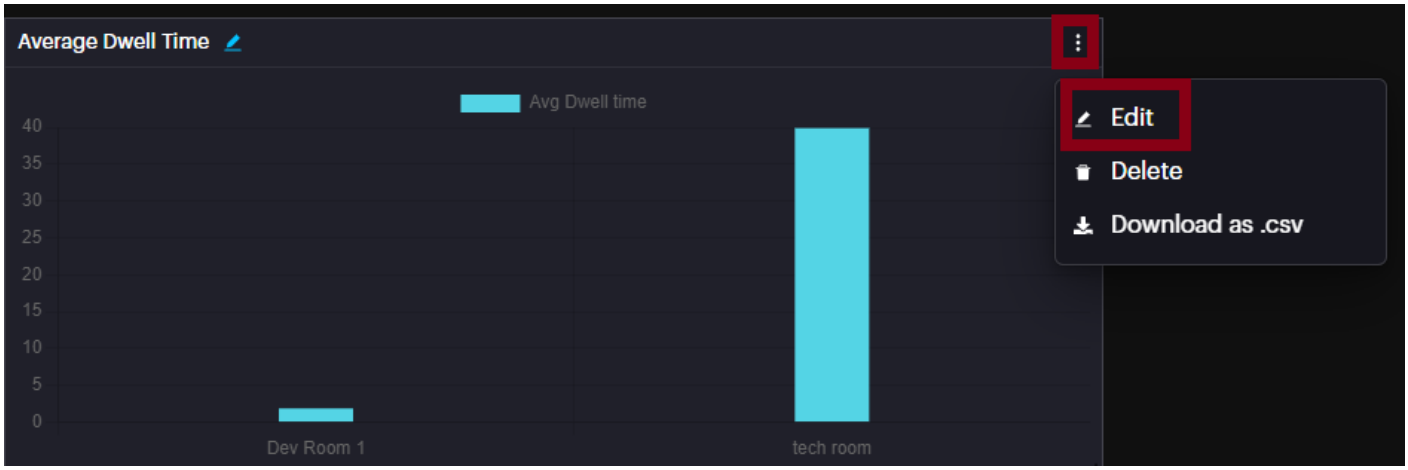

## Report

It is possible to extract the metric as .csv document.

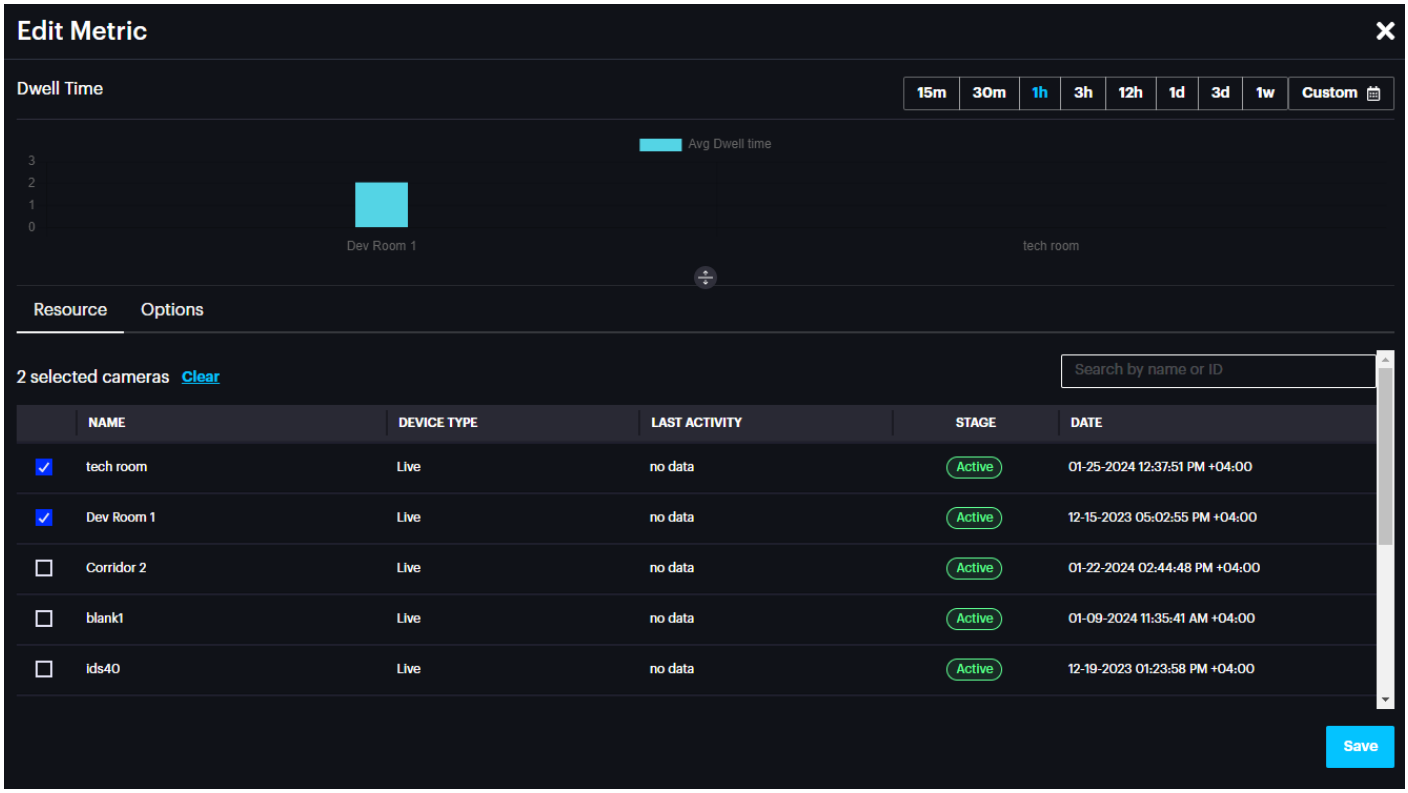
To do so, click on the three dots top right corner of the widget -> Download as .csv

# Edit Metric

To edit any metric, click the three dots -> Edit

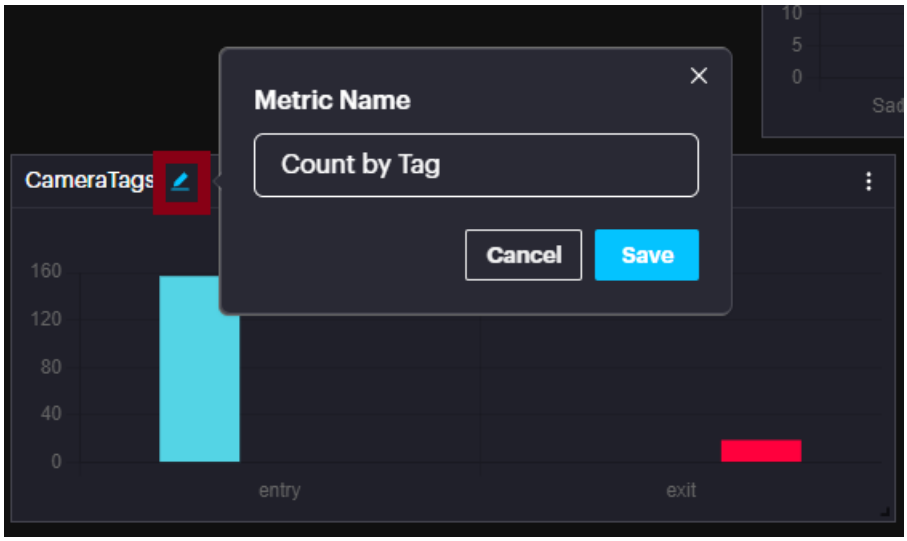



Edit Metric window appears where you can edit metric specific settings and save to update the metric.

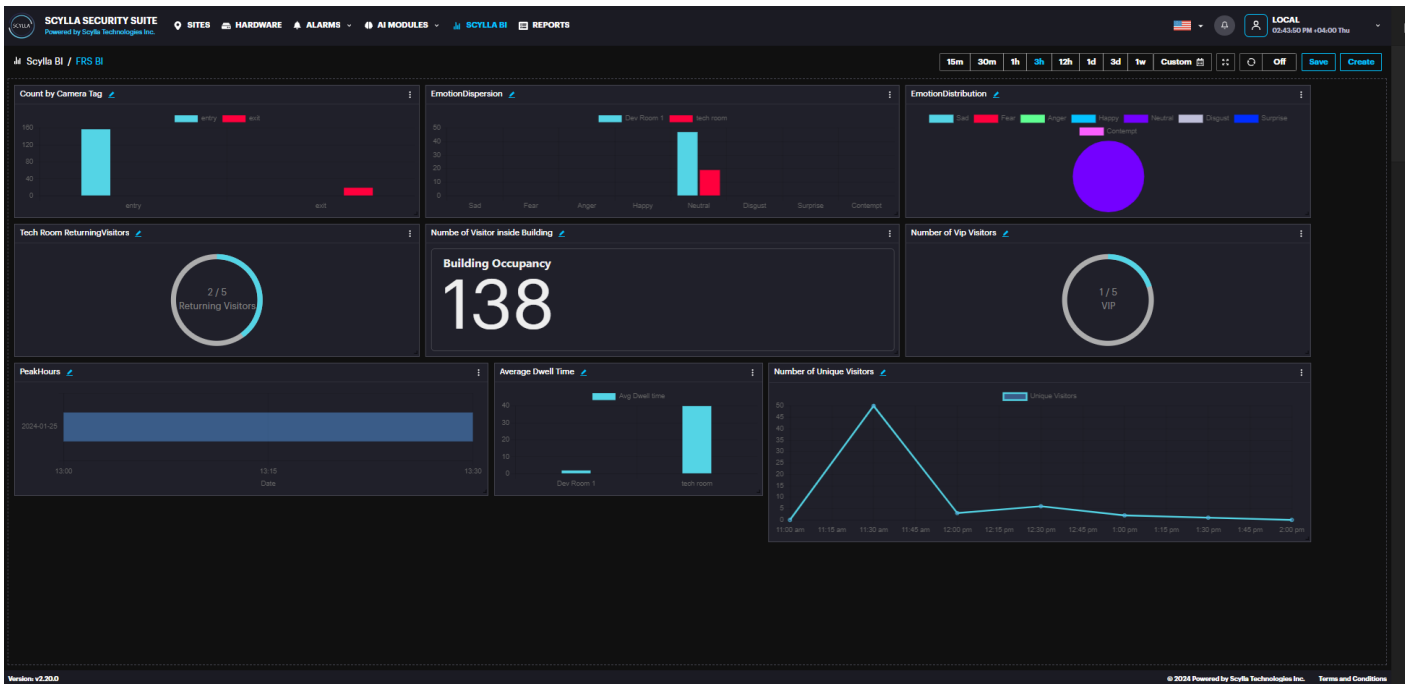


## Customization of Widget

It is possible to rename the metric name by clicking the edit icon next to the title.




It is possible to resize widget by hovering the mouse on the bottom right corner of the widget and once the pointer changes to ⤡ drag to the required size.

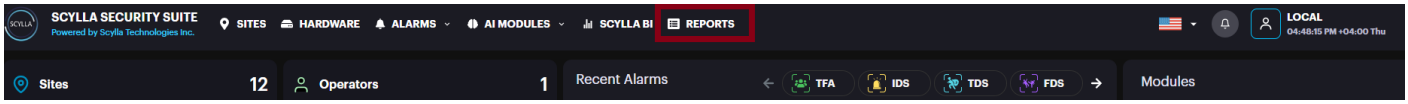



Click **Save** on the Top right corner to save the Dashboard.

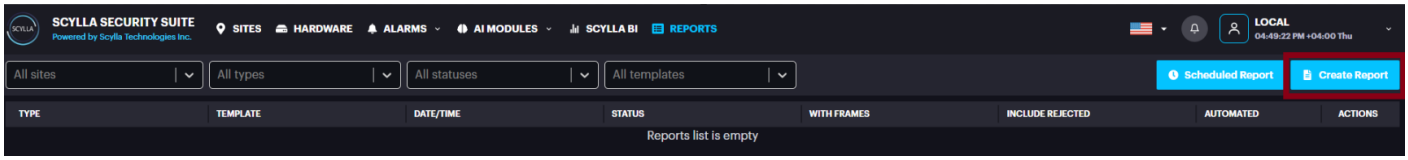
# Report - Face Tracking

Face Tracking counts the dwell time from when the face appears in the camera view until it leaves the view.

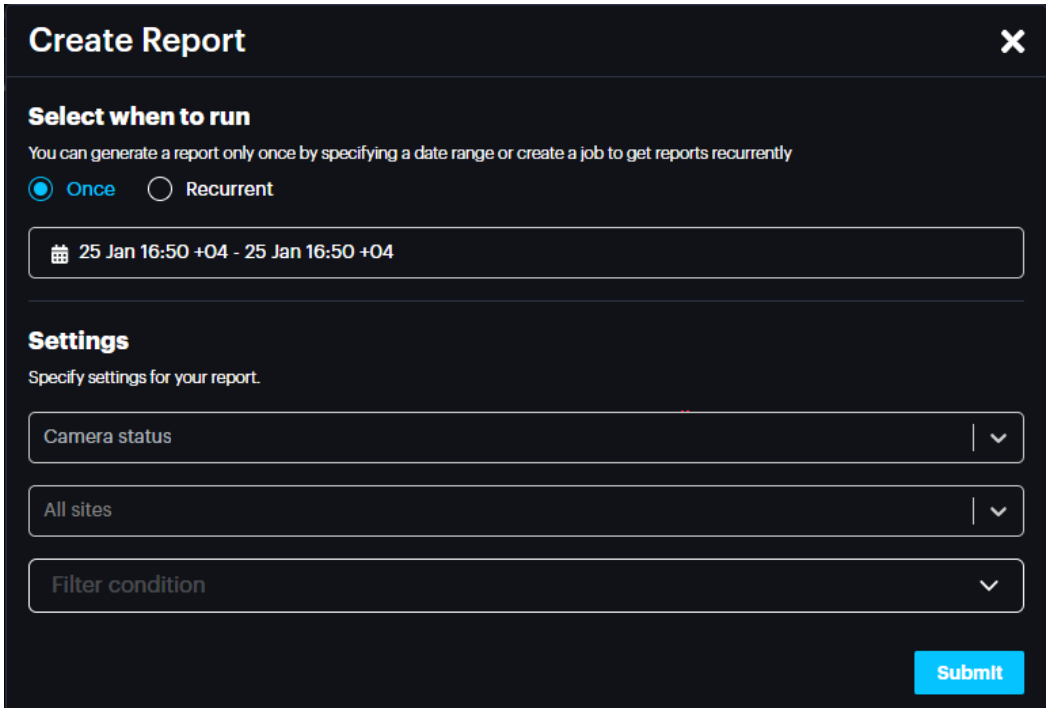
To create a report, go to REPORTS page




Click the **Create Report** button.

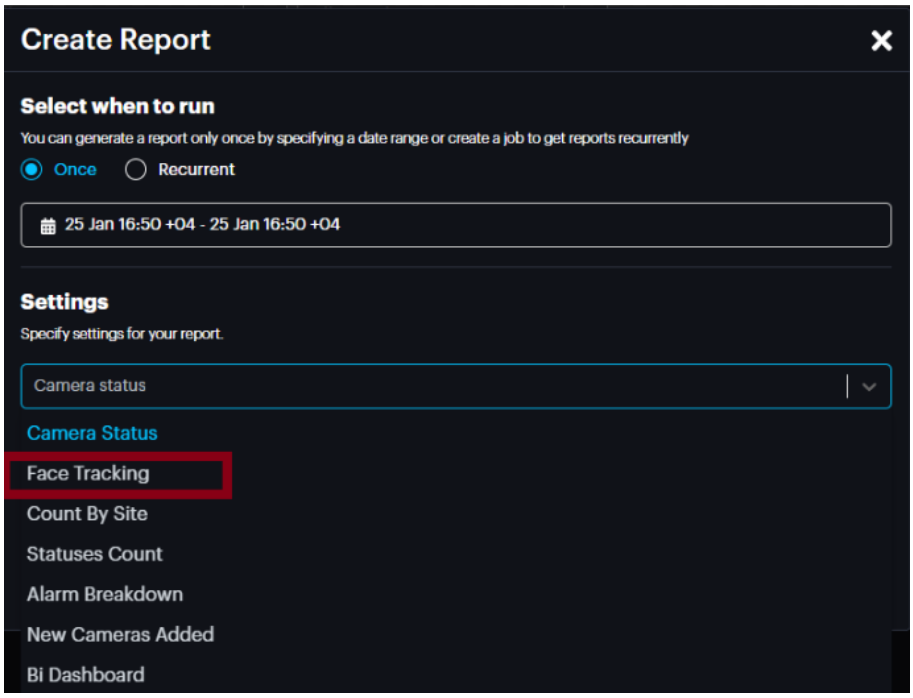



Create Report window appears.




Select when to run: Once or Recurrent
Choose the time range

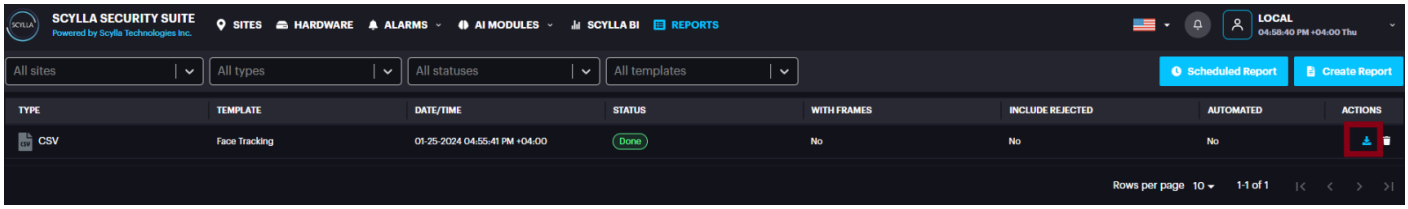
In the Settings section, specify type of report **Face Tracking** from the drop-down list




Select the Site, default is All sites.
Include Filter conditions if required.

Click **Submit.**

A report is added to the list, once the Status is changed to Done click Download button under Actions.

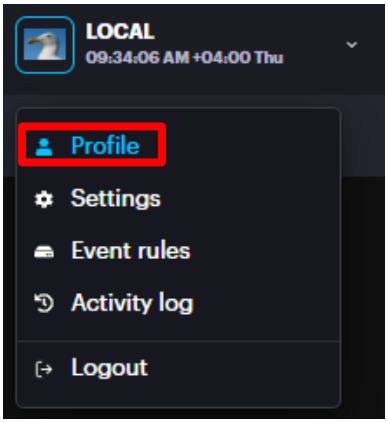



A csv file is downloaded which includes Date Time, Dwell Time, Camera Name, First Name, Last Name, Gender, Age, Person ID.

| DateTime | Dwell Time | Camera Name | First Name | Last Name | Gender | Age | Person ID |
|---|---|---|---|---|---|---|---|
| 25.01.2024 07:40 AM +00:00 Europe/London | 2.16 | FRS1 | | | male | 31-50 | 960cea98-4eb5-455c-abd8-d004cfd7a511 |
| 25.01.2024 07:40 AM +00:00 Europe/London | 1.15 | FRS1 | | | female | 31-50 | 4c7c7c58-dc98-40f6-8f2c-b0dbe73a6e63 |
| 25.01.2024 07:40 AM +00:00 Europe/London | 2.83 | FRS1 | | | male | 18-30 | ed5d5417-b427-400d-8b89-d02f6457e9ad |
| 25.01.2024 07:40 AM +00:00 Europe/London | 1.36 | FRS1 | | | male | 31-50 | fd2f3e9c-433e-464a-bea9-475fc490c88e |

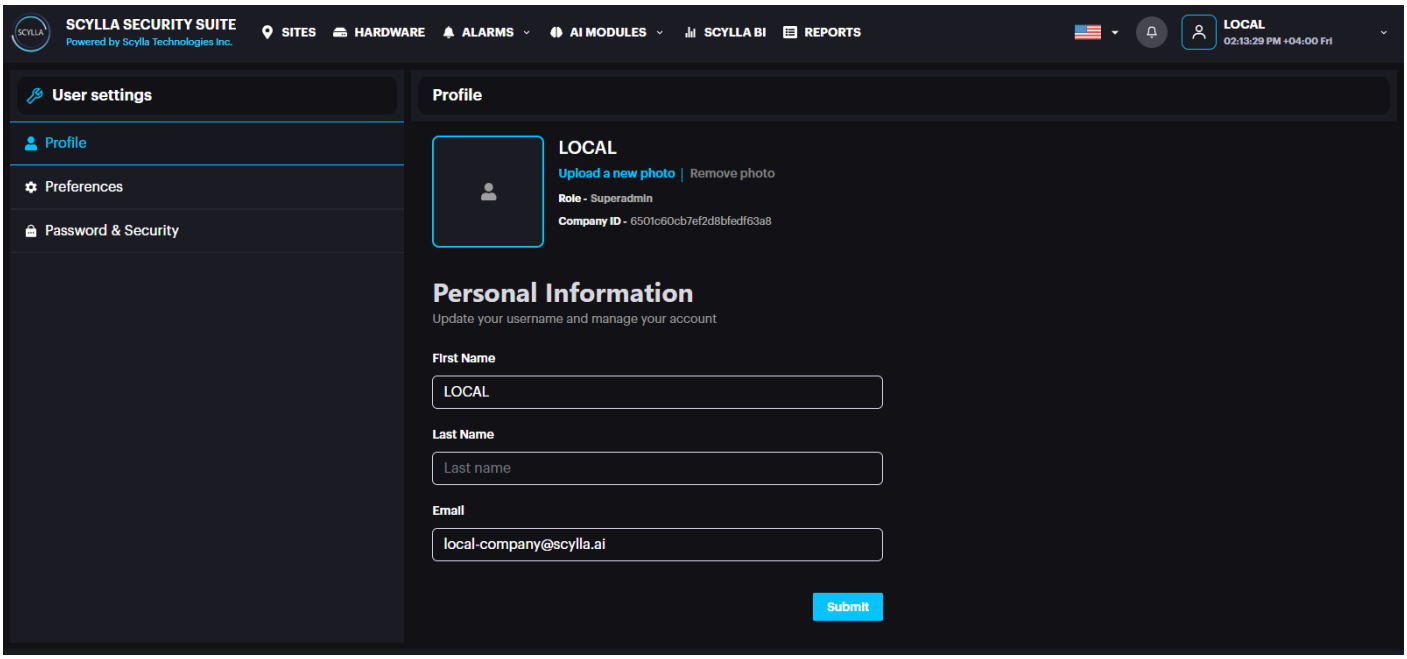
# Profile

To open the **User Settings**, click on the username and click **Profile**

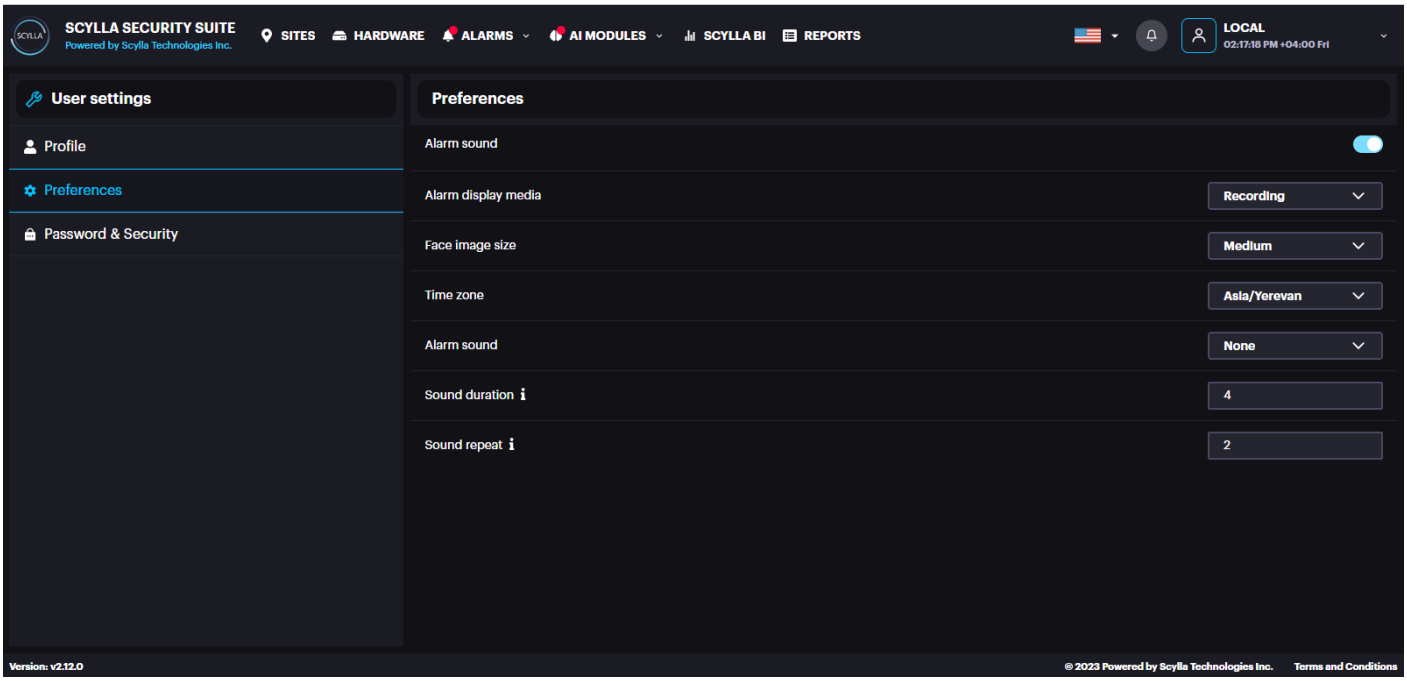



•

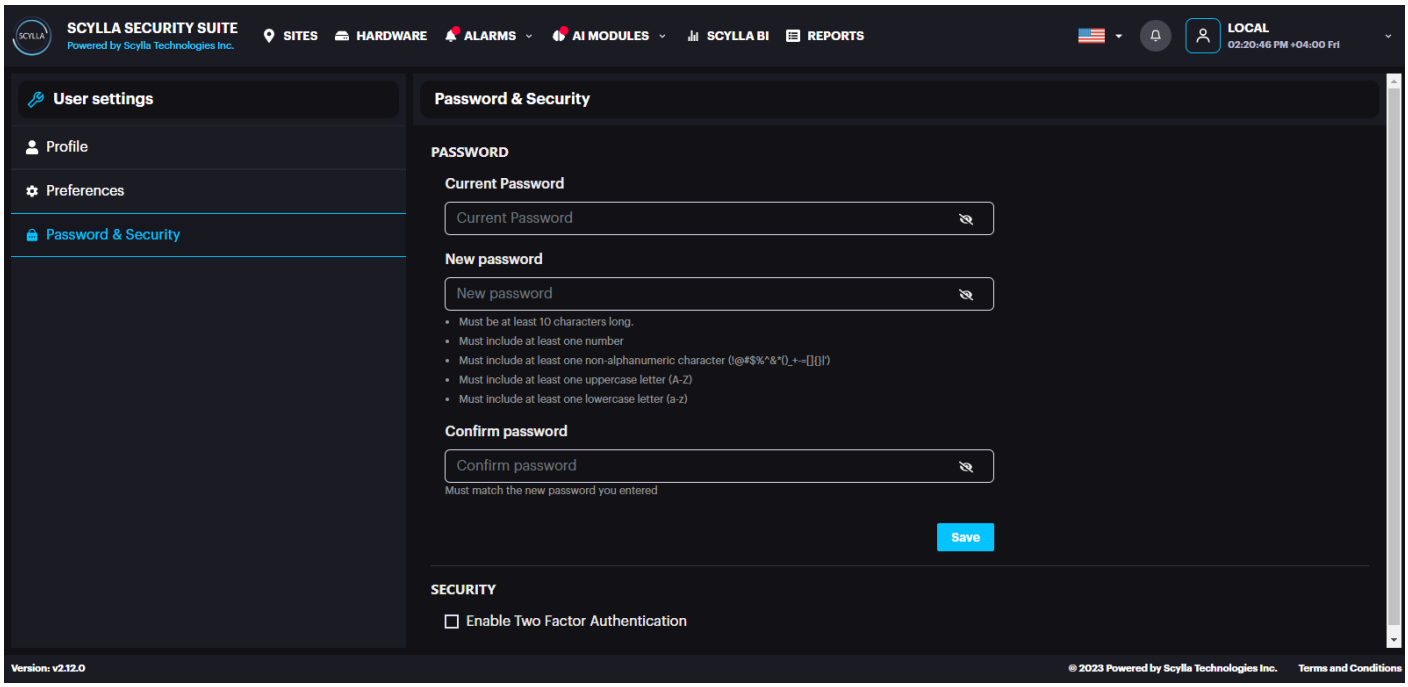
In **Profile** page, you can view and edit the personal information (Name & email address) & photo and view the role.



In the **Preferences** section, you can switch the **Alert sound** toggle to on/off to enable/disable the sound during new alarm detection occurrence. You can click the **Alarm sound** dropdown list to select desired sound for detection occurrences, click on the **Time zone** dropdown list and select the desired time zone. You can select the preferred **Alarm display mode** between snapshot and Recording.
You can select the **Face image size** to be displayed once an alarm occurs.



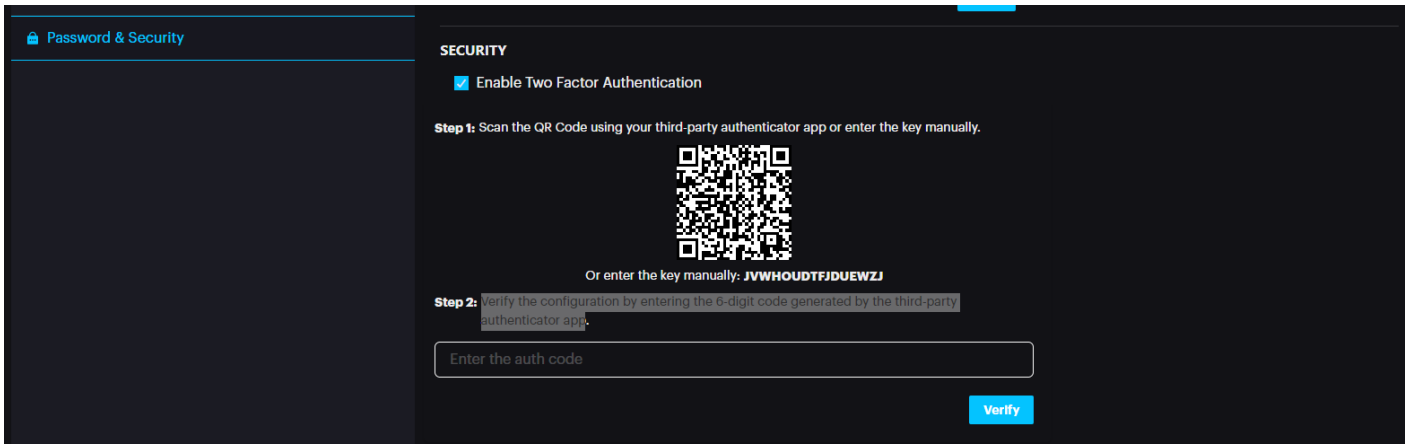

In the **Password & Security** section, you can change the password of the current account and Enable **Two Factor Authentication.**




Once Two Factor Authentication is enabled, two steps will appear to successfully complete this setting.

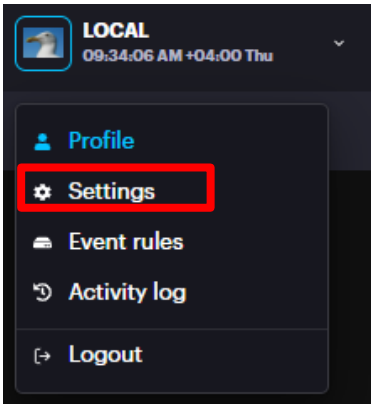
Step1: Scan QR code using third party authenticator app or enter key manually.

Step2: Verify the configuration by entering the 6-digit code generated by the third-party authenticator app

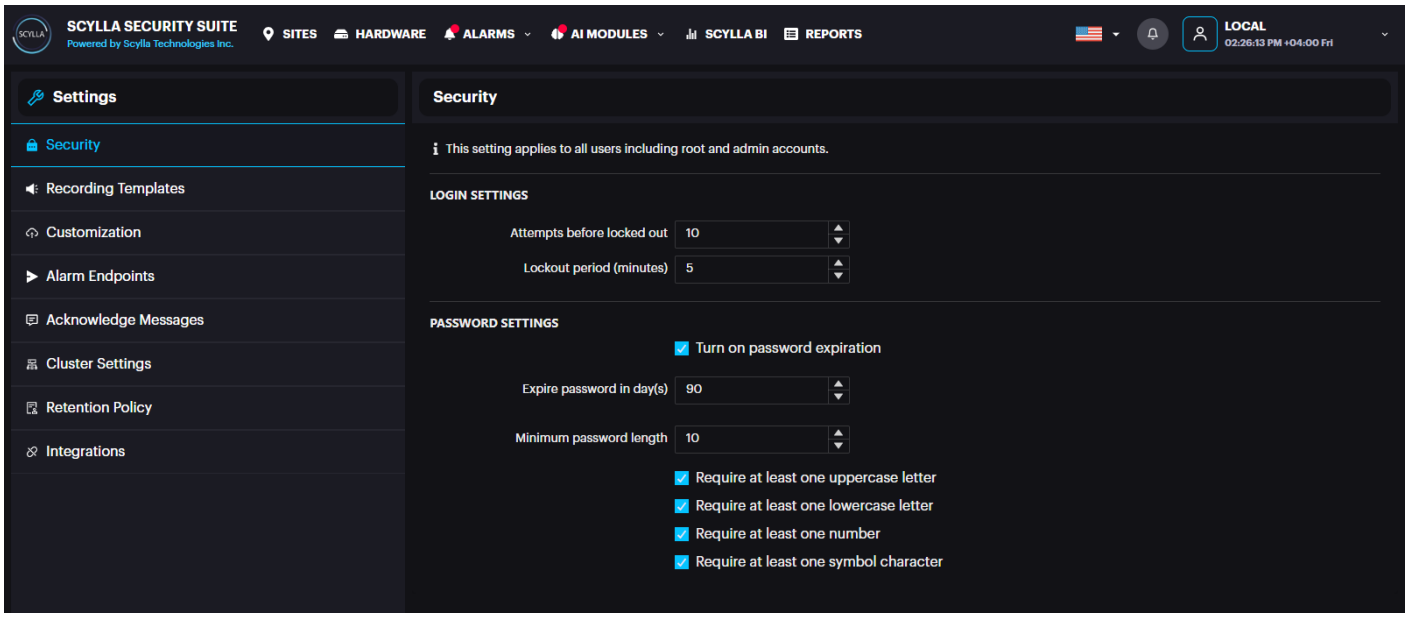


## Settings

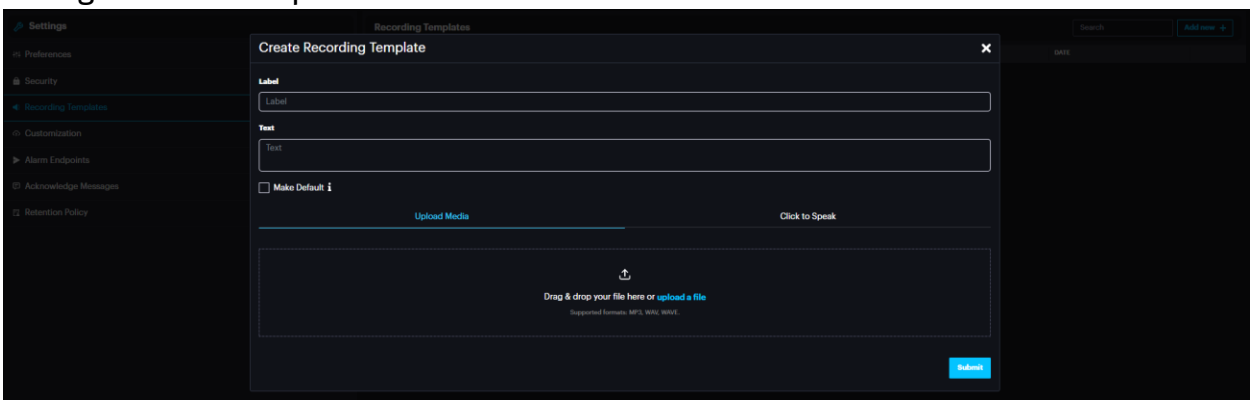
To open the **Settings** page, click on the username and click **Settings.**



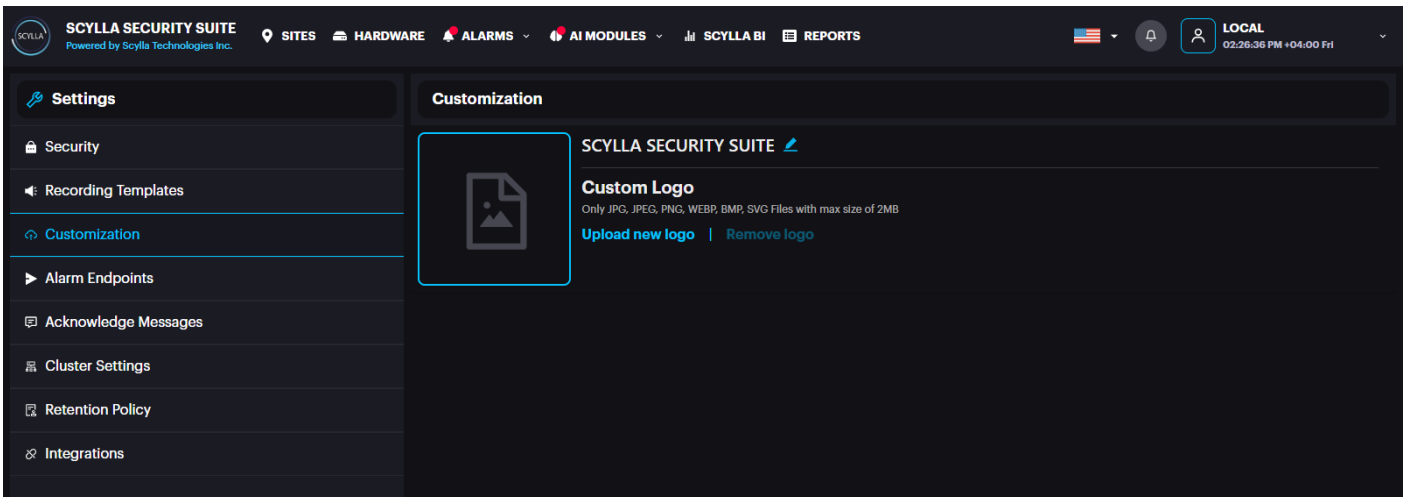

In the **Security** section, you can define **Login settings** such as Attempts before lockout & Lockout Period. You can also define **Password settings** such as Minimum password length and requirements.



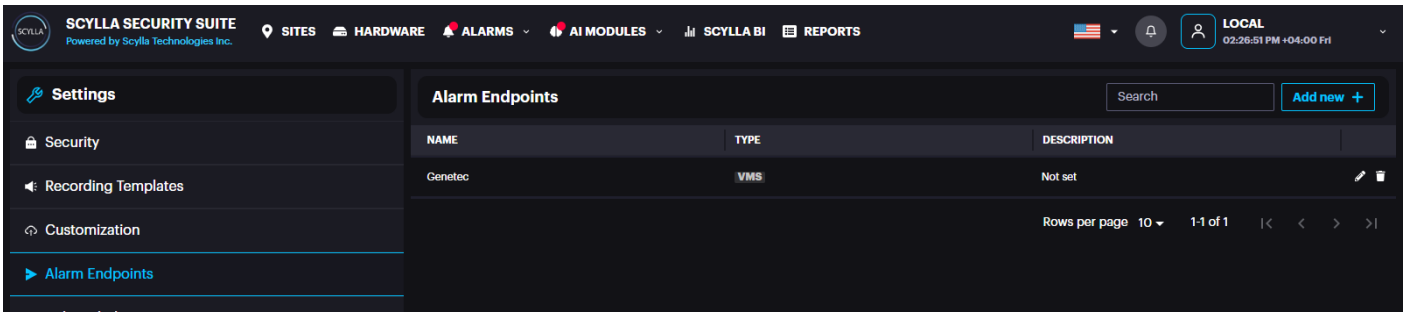
In the **Recording Templates** section, you can create recording templates by uploading Media (MP3, WAV, WAVE) or by recording from web browser using the Click to Speak.



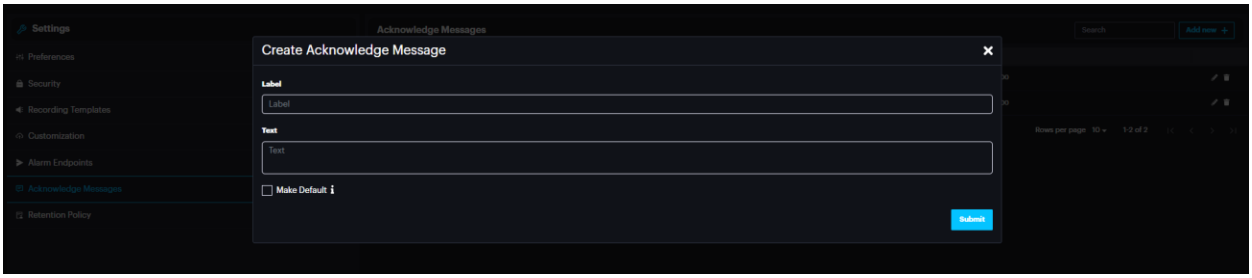

In the **Customization** section, you can upload logos (only JPEG, PNG, WEBP, BMP, SVG files with max size of 2MB).



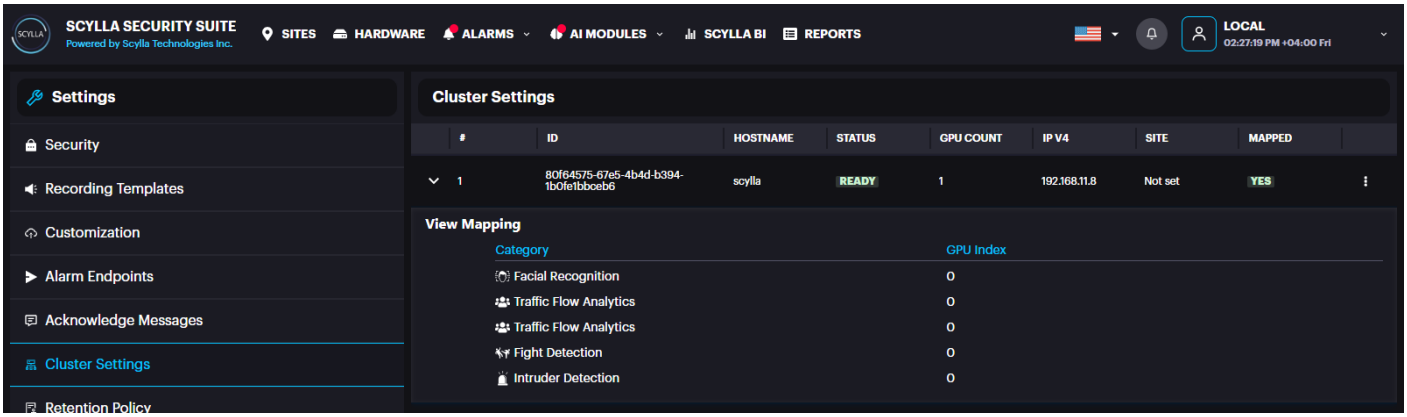

In the **Alarm Endpoints** section, you can create the endpoints (Command – http/tcp/udp , HTTP, SMTP, Scylla Cloud) which will later be selected as **Action** in the **Event Rules.**



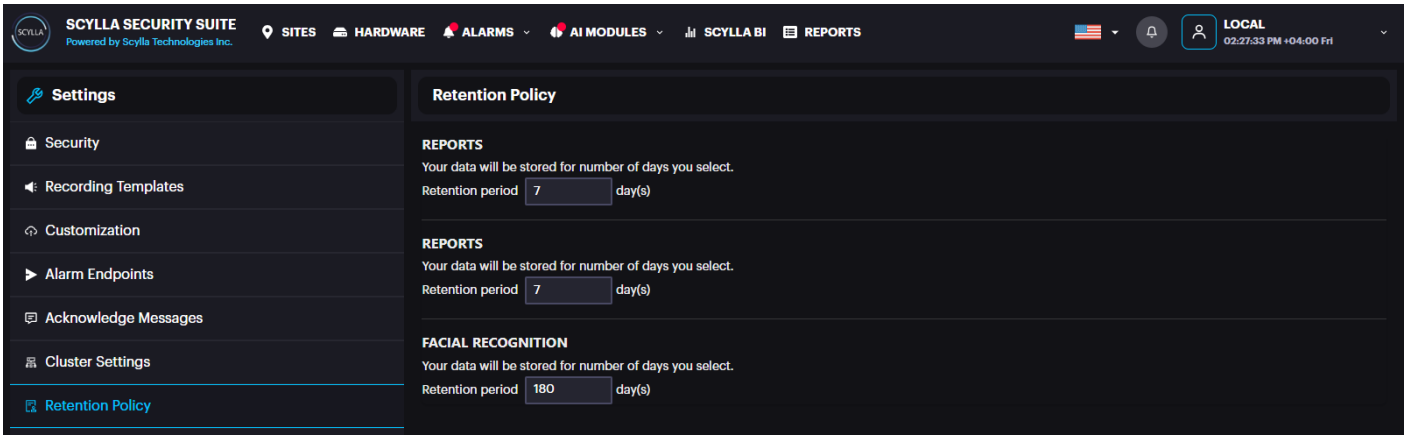
In the **Acknowledge Messages** section, you can create a predefined acknowledge message that can be selected by the operators when acknowledging an alarm.




In the **Cluster Setting** section, you can configure the GPU mapping for AI modules in case of several GPUs before deployment.



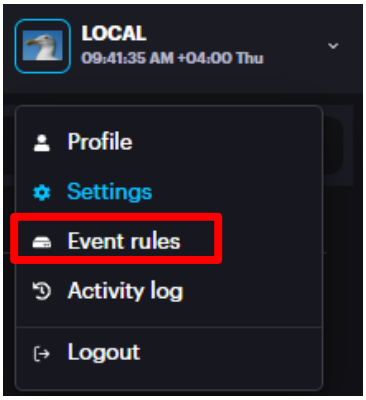

In the **Retention Policy** section, you can define the number of days your data will be stored.



In the **Integrations** section, you can add an integration with Genetec, Milestone, Network Optix, Sylla VMS or Kronos by clicking Add new + button and filling in the required info. Check the manual for each type of integration.

### Event Rules

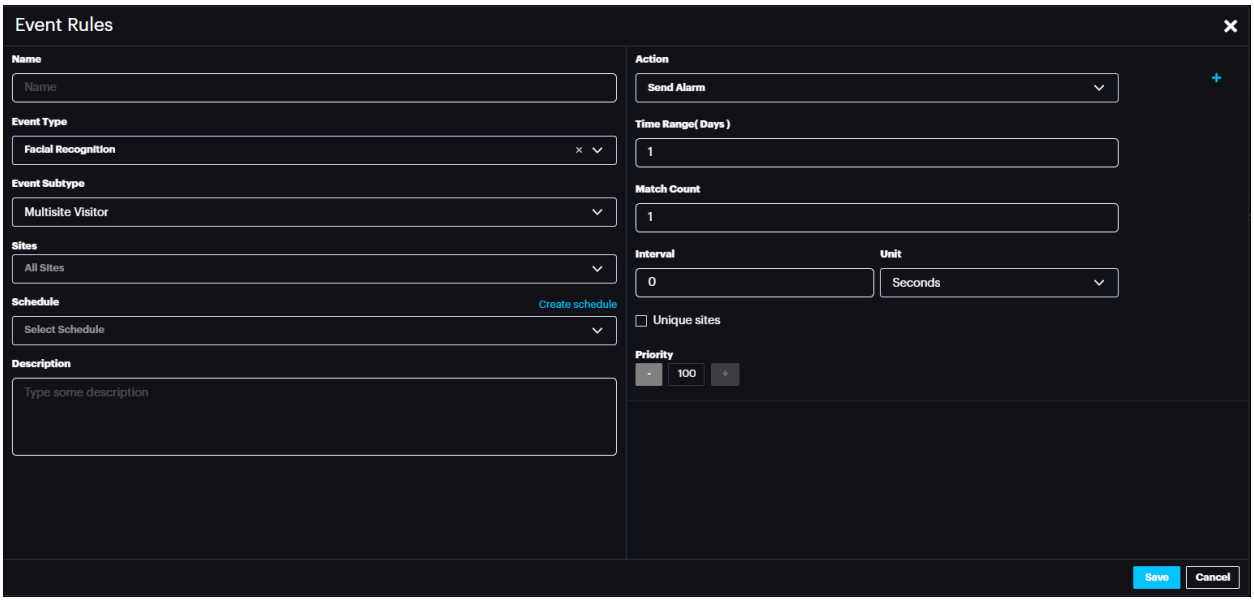
To open the **Even Rules** page, click on the username and click **Event Rules.**




On the Event Rules page, two types of rules can be configured for Facial Recognition module: **Multisite Visitor** or **Underage Visitor** event triggered rules.

## Multisite Visitor

Multisite Visitor rule is used to trigger alarm when the same face is detected X number of time(s) within Y interval.

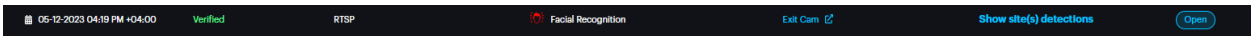



**Name:** Name of the event rule
**Event Type:** Facial Recognition
**Event Subtype:** Multisite Visitor
**Sites:** Sites that will be considered for this event rule
**Schedule:** When the event rule is active. Click the Create schedule button and select the day(s) and time.
**Description**(optional): Description about the event rule

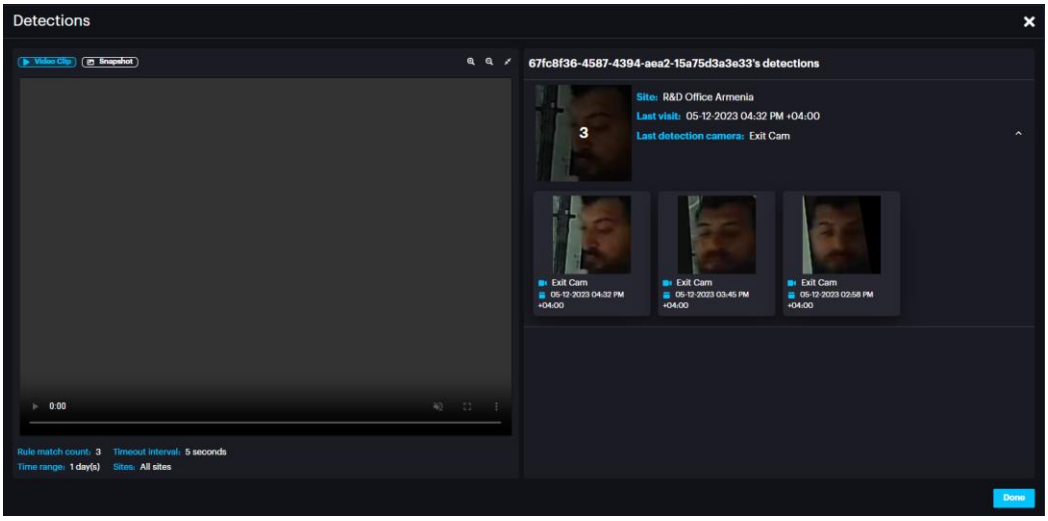
**Action:** Select the action that will be triggered when the conditions are satisfied; Send alarm (alarm appear on dashboard), HTTP endpoint, Send SMTP …

**Time Range (Days):** Face detection happens in this range (Days)
**Match Count:** Number of times the face is detected.
**Interval:** time between two consecutive face detections to be considered as count
**Unique sites:** Enable If required to count the detections only if they happen across different sites and not within one site.

Dashboard Alarm from this event rule

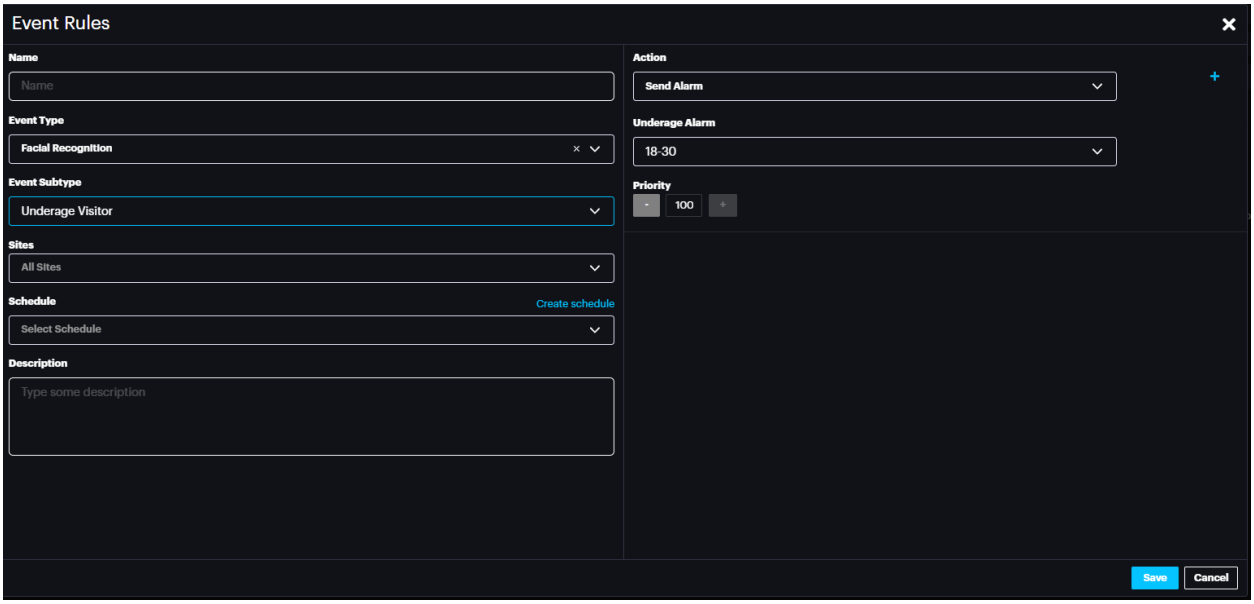



Click **Show site(s) detections** to view info about the multiple detections




## Underage Visitor

The Underage Visitor rule is used to trigger alarm when the face detected has the age range specified.
Age range should already be specified in the face database.



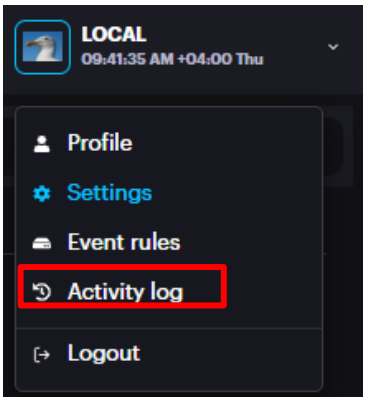
## Watchlist

The Watchlist event is triggered when a face added to watchlist is detected.

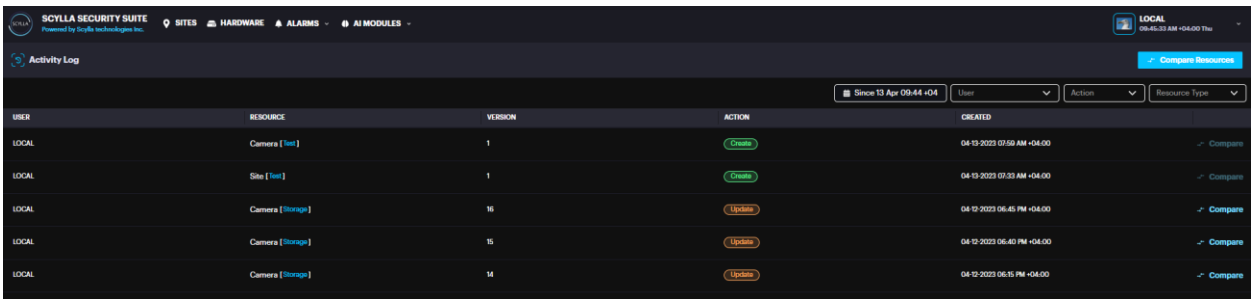
## Tracking

Tracking event is triggered one a detected face leaves the camera view. This will send an event in JSON format specifying the duration between the face entering the camera view face detection) and leaving.

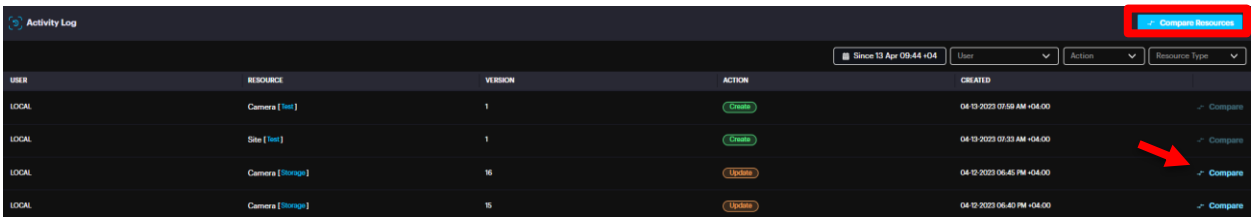
## Activity Log

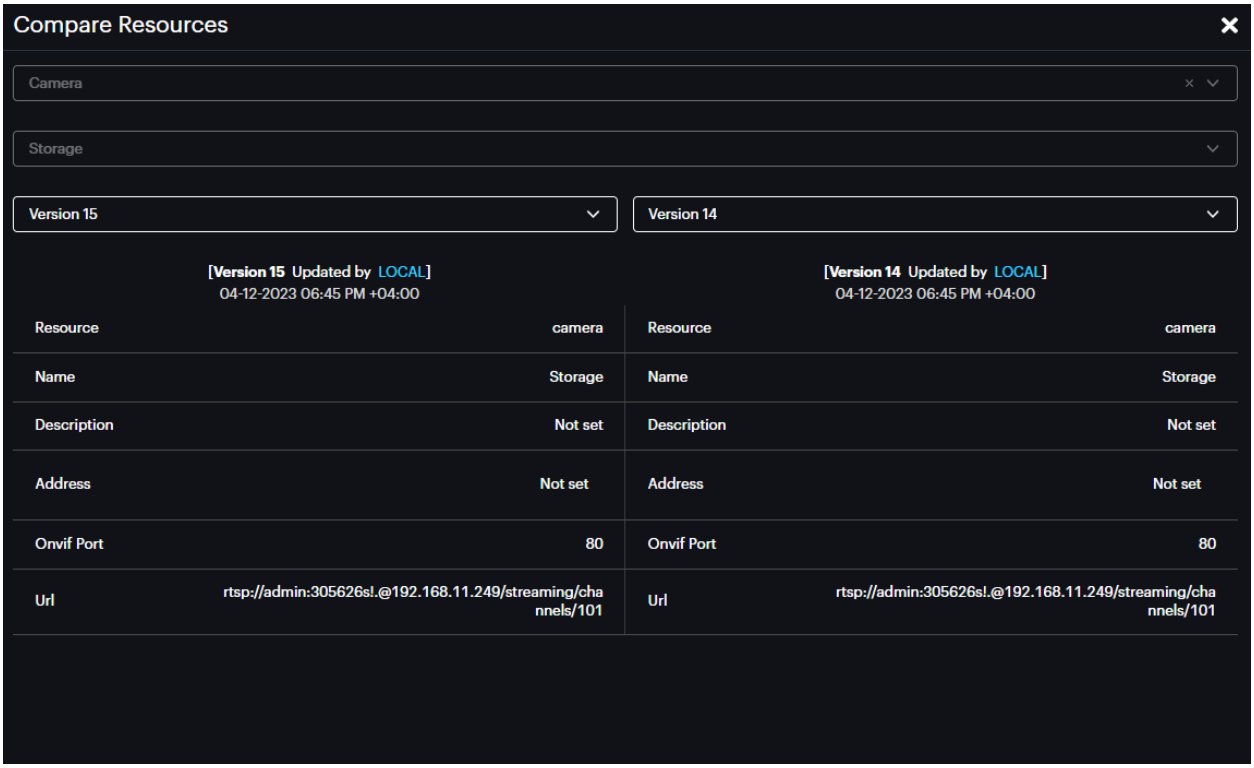



In this page you can follow up for the last activities (**create, update, delete**) on dashboard made by **Users.**



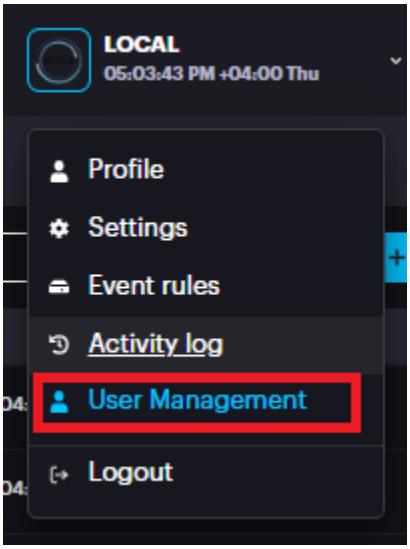

You can also compare the versions, after an update just by clicking the "**compare**" button and choosing the versions that need to be compared.



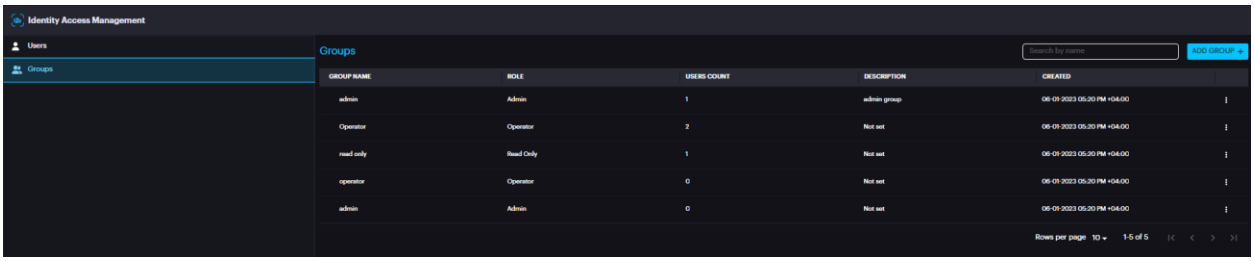

Compare Resources
Camera
Storage
Version 15
Version 14
[Version 15 Updated by LOCAL]
04-12-2023 06:45 PM +04:00
Resource camera
Name Storage
Description Not set
Address Not set
Onvif Port 80
Url rtsp://admin:305626s!.@192.168.11.249/streaming/channels/101
[Version 14 Updated by LOCAL]
04-12-2023 06:45 PM +04:00
Resource camera
Name Storage
Description Not set
Address Not set
Onvif Port 80
Url rtsp://admin:305626s!.@192.168.11.249/streaming/channels/101

## User Management

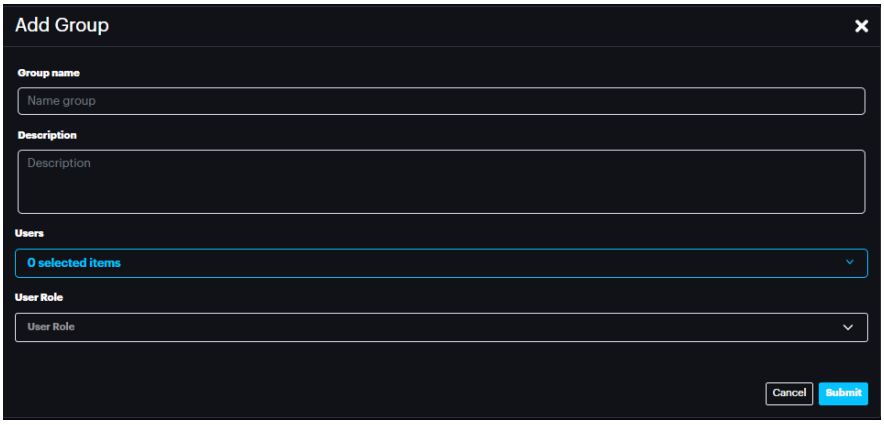
To create dashboard users and user groups, click on the username and click **User Management.**




Create user Group by selecting **Groups** from the left menu then click **ADD GROUP +**




Add Group window will pop up

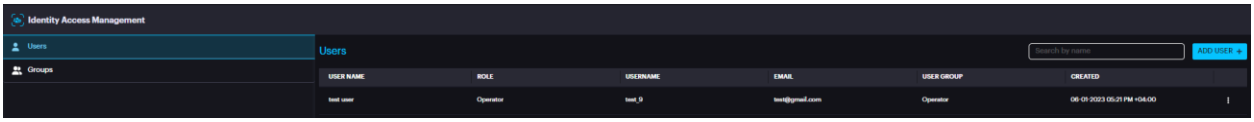


**Group name:** name of user group
**Description:** additional info about the user group
**Users:** Select the users that belong to this group if users are already created
**User Role:** Select one of the predefined Roles; Admin, Operator or Read Only

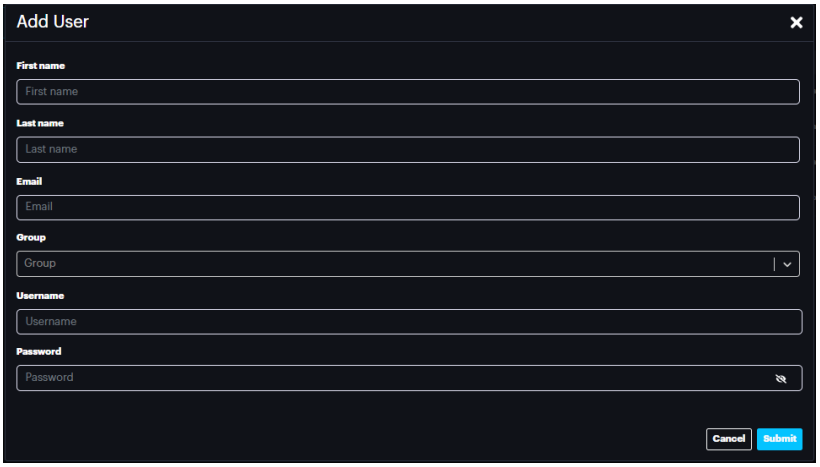
Admin has full permission
Operator has view, manage, export alarm permissions
Read Only has only view permission

Click **Submit.**

Create User by selecting **Users** from the left menu then click **ADD USER +**




Add User window will pop up.

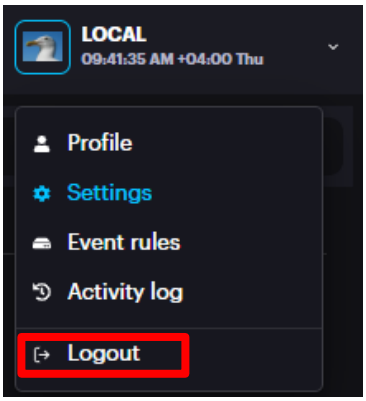



Fill in the username, last name, email address.
Select the Group the user belongs to.
Create Login username and Password and click **Submit**.

Password should match the complexity settings defined in **Settings-> Security** menu.

## Logout

To log out from your user account, click on the username and click **Logout.**




We value and appreciate your feedback. If you have any questions or suggestions, please contact support@scylla.ai or submit a request to the Scylla Help Center at https://support.scylla.ai/portal/en/home.