



Scylla Face Recognition System User Manual

July 3, 2024

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Introduction

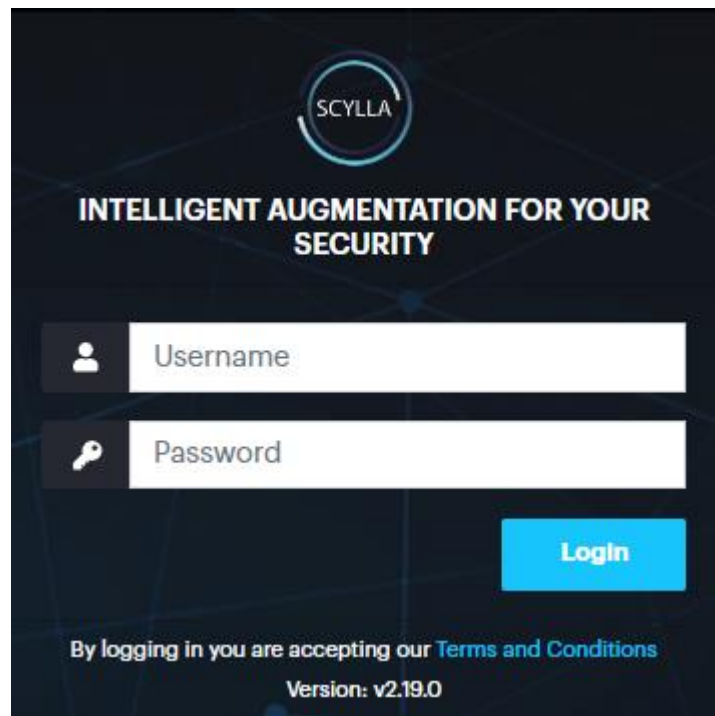
This manual provides an overview of Scylla Face Recognition System and instructions on how to use it.

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.

A screenshot of the Scylla login dashboard. At the top center is the Scylla logo, a circular emblem with the word "SCYLLA" inside. Below the logo, the text "INTELLIGENT AUGMENTATION FOR YOUR SECURITY" is displayed in white. The main area contains two input fields: "Username" with a person icon and "Password" with a key icon. To the right of these fields is a blue "Login" button. At the bottom, there is a line of text: "By logging in you are accepting our [Terms and Conditions](#)" and "Version: v2.19.0". The background is dark with a subtle geometric pattern.

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:

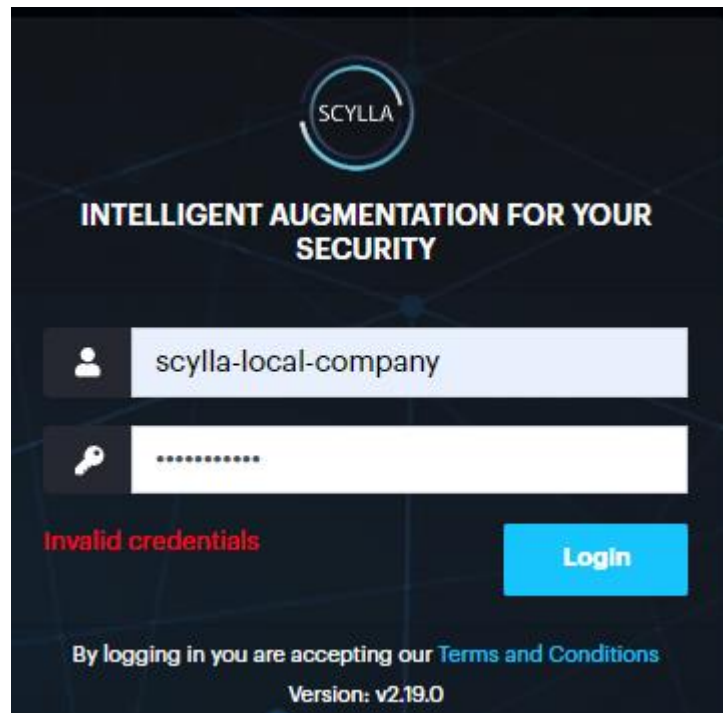
Wrong: “ username” has leading spaces

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**.

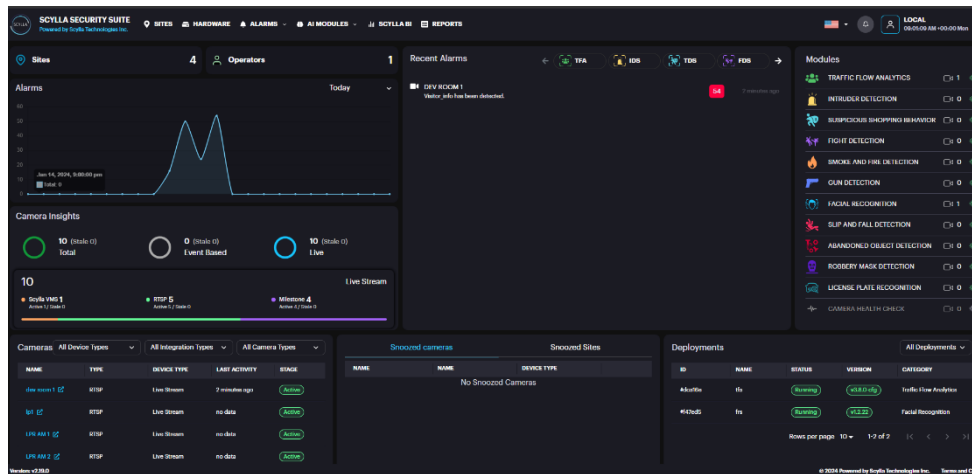
In the **Recent Alarms** middle window, you can see all recent alarms, their locations, and the number of alarms. Filter the alarms by clicking on the module filter icon located from the rotating list (i.e. ).

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.

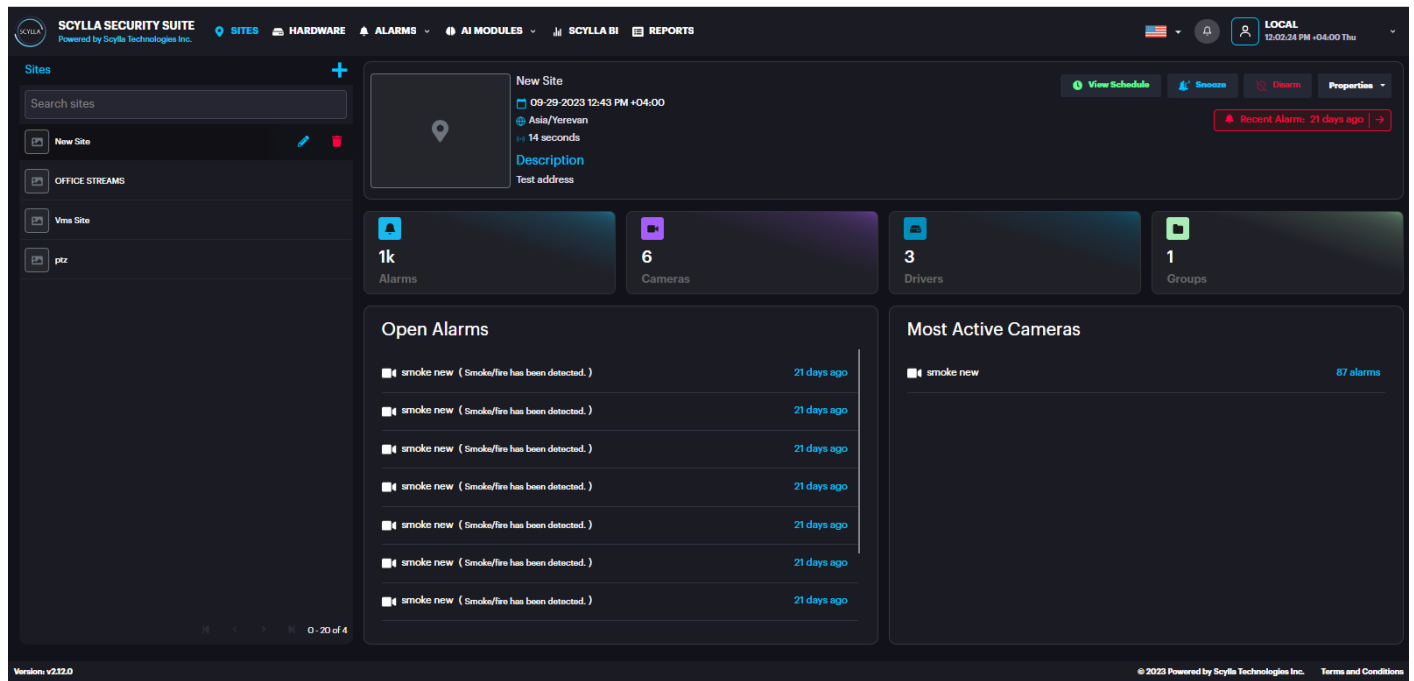


Sites

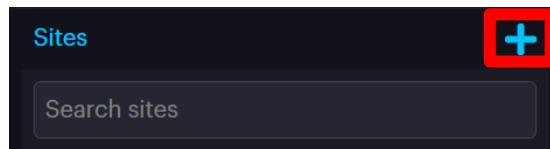
On the **Sites** page you can see the list of sites on the left side.

Select the desired site to see the following stats and options:

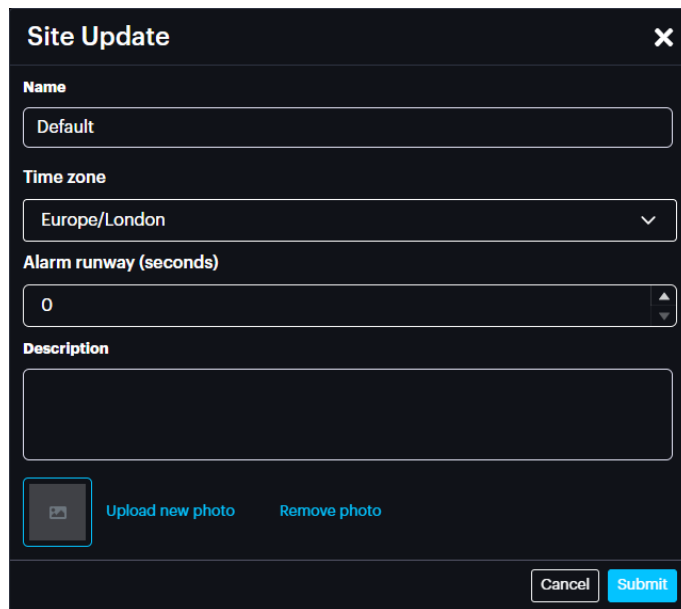
- Site name and creation date
 - Recent alarm — info about the most recent alarm (in red message)
 - Snooze — select the type of alarm notification's snooze action and the duration
 - View Schedule- Info about the schedule of the selected site
- Disarm — disarm the detections from selected Site by specified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

A dark-themed dialog box titled "Site Update" with a close button (X) in the top right corner. The dialog contains several input fields: a text field for "Name" with the value "Default", a dropdown menu for "Time zone" with "Europe/London" selected, a spinner field for "Alarm runway (seconds)" with the value "0", and a large text area for "Description". Below the text area is a photo upload section with a square button containing a camera icon, and two links: "Upload new photo" and "Remove photo". At the bottom right are "Cancel" and "Submit" buttons.

Site Update ✕

Name

Default


Time zone

Europe/London ▼


Alarm runway (seconds)

0 ▲ ▼

Description

 Upload new photo Remove photo

Cancel 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.

The screenshot displays the alarm management interface. On the left, a 'Snapshot' shows a building and parking lot. In the center, a 'Details' panel for 'Intruder Detection' shows 'Integration Type: RTSP', 'Date: 11-07-2023 11:47:25 AM +04:00', 'Camera: cam1', 'Site: IDS', and 'Label: Car, Car'. On the right, a 'Camera [cam1]' view shows a roof. Below these, an 'ALL ALARMS' table lists alarms. The first alarm is ID 1, labeled 'Intruder Detection', with a 'Sub Alarms' field showing '2 (0s)'. The table has columns for ID, Date/Time, Type, Integration Type, Event Type, Camera, Site, Sub Alarms, and Status.

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.

The 'Sub Alarms' window is shown. On the left, a large 'Snapshot' of the main alarm is displayed with details: 'Event Type: Intruder Detection', 'Camera: Cam1', 'Site: IDS', and a red '0s' indicator. On the right, a list of sub alarms is shown. The first sub alarm is at 11:47:31 AM, labeled 'Car', with 'Site: IDS'. The second sub alarm is at 11:47:28 AM, also labeled 'Car', with 'Site: IDS'. Each sub alarm has a 'Details' button. At the bottom, there are buttons for 'Acknowledge', 'Dismiss', 'False', and 'Delete'.

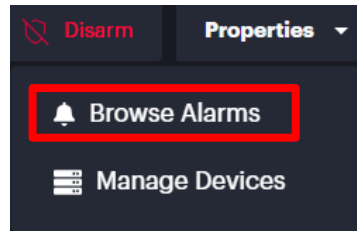
On the left side the main alarm is displayed.

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.

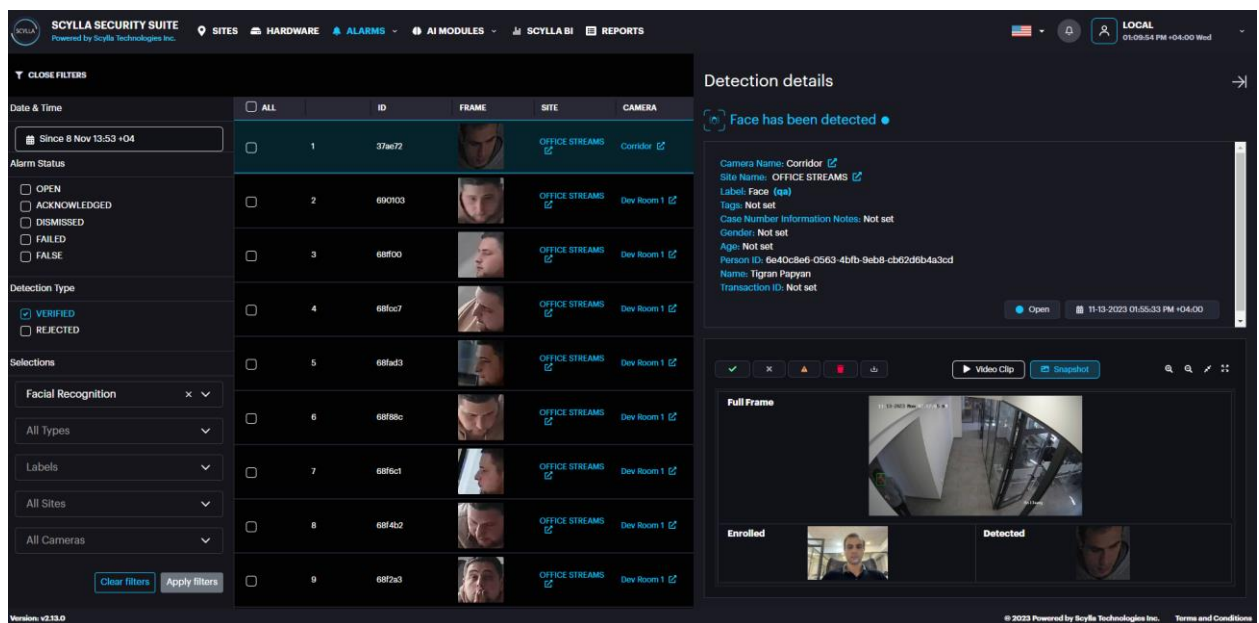
Browse Alarms History

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.








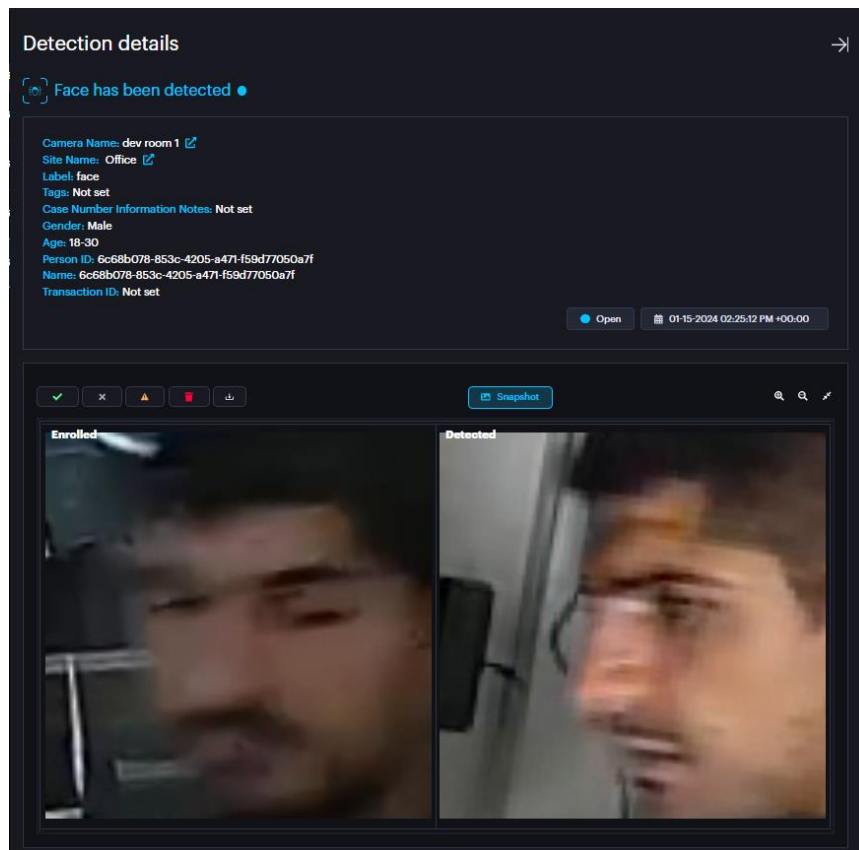
Click the **Close Filters** button to close the filters menu and click **Open Filters** button to open it again.

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).

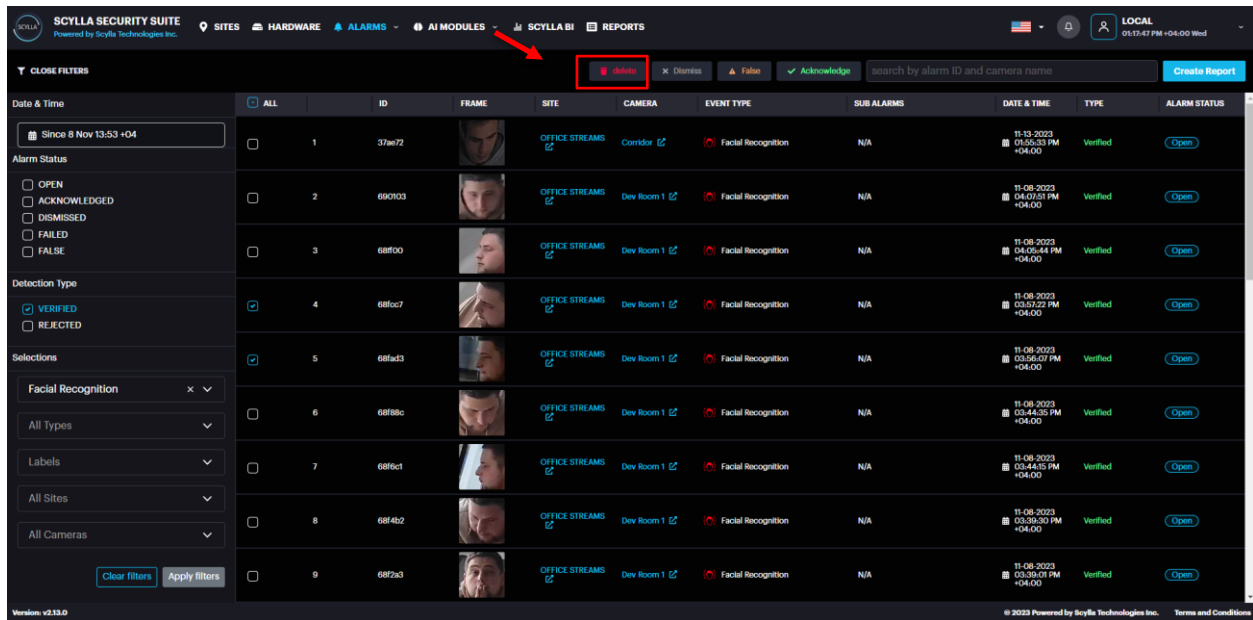
On the **Detection Details** window, you can see the name of the camera and site, date, and time of detection. You can also switch between the Video Clip and Snapshot of the detection occurrence by clicking the corresponding buttons, zoom in/out using the zooming controls, and **Acknowledge** , **Dismiss**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



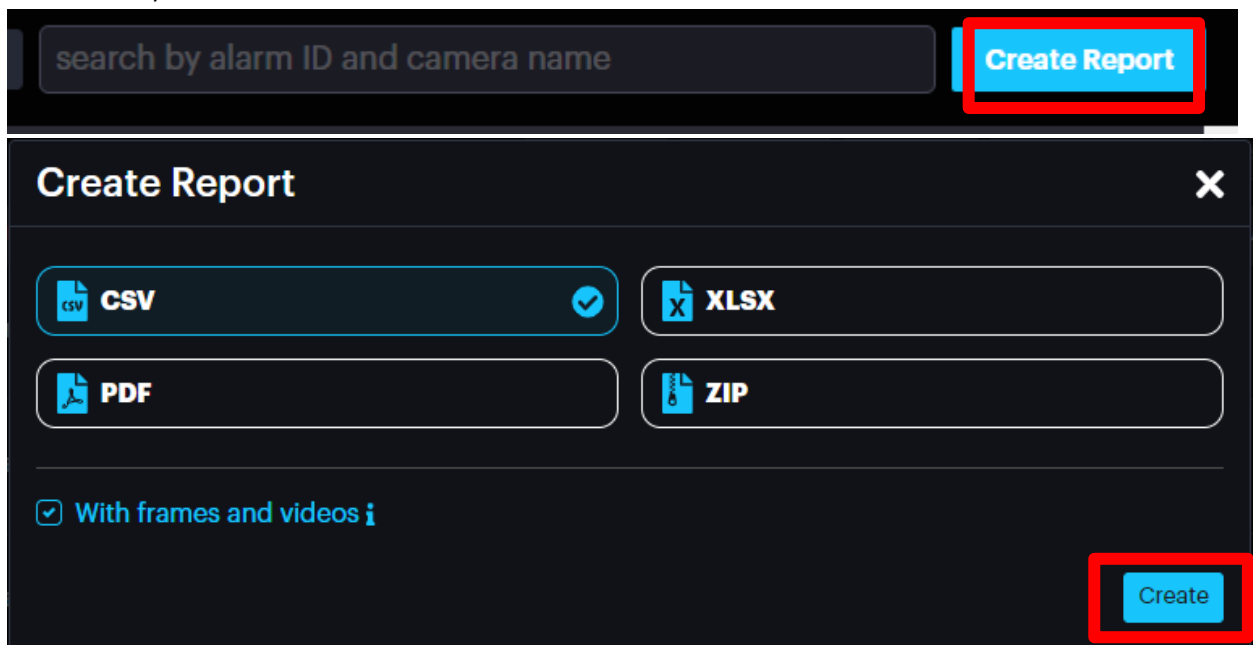
Snapshot includes two images: Left image is the enrolled image in database, right image is the detection image.

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.

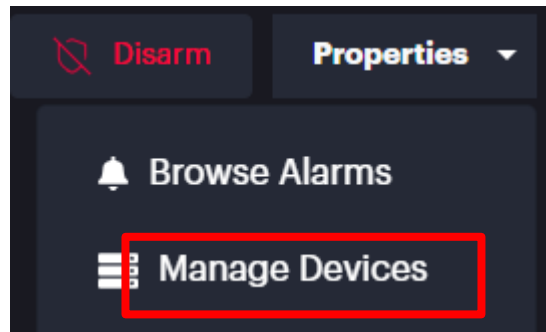


You can **Create report** of multiple alarms by clicking create Report button on up-left side, choose the format, checkmark “with frames and videos” if it’s needed and click Create button.



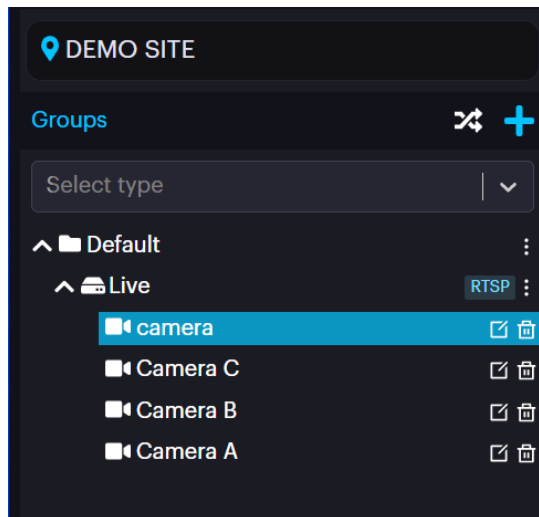
Manage Devices

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.

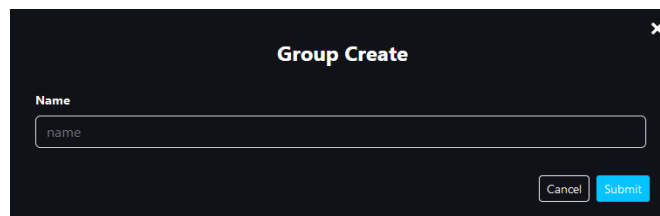
On the **Manage Devices** menu you can open the existing camera groups to see all cameras and be able to change their settings.



Create Group

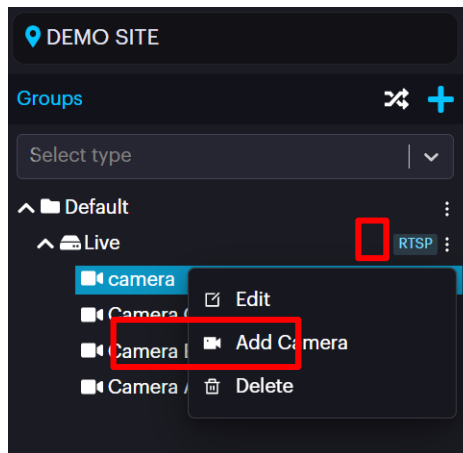
If you need to create a new group, click the **+** button.

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**.

A screenshot of a 'Create Camera' form. It has a sidebar with 'Cameras' and a '+ New camera' button. The main form fields are: 'Name' (text input), 'URL (rtsp, rtmp, http)' (text input with 'rtsp://user:pass@10.10.10.554/media/live' entered), 'Onvif Port' (text input with 'Onvif Port' entered), 'Tags' (dropdown menu), and 'Description' (text area). At the bottom right, there are three buttons: 'Connect', 'Connect All', and 'Create'.

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**.

Create Camera

Cameras +

Entry Camera

Name

Entry Camera

URL (rtsp, rtmp, http)

rtsp://192.168.1.100:554/av0_0

Onvif Port

Onvif Port

Tags

entry x

Description

Description

1920px

25 FPS

1080px

- ✓ Camera Frame Available
- ✓ Onvif Port Reachable
- ✓ Rtmp Port Reachable
- Onvif Supported
- PTZ Supported

✓ Camera is valid.

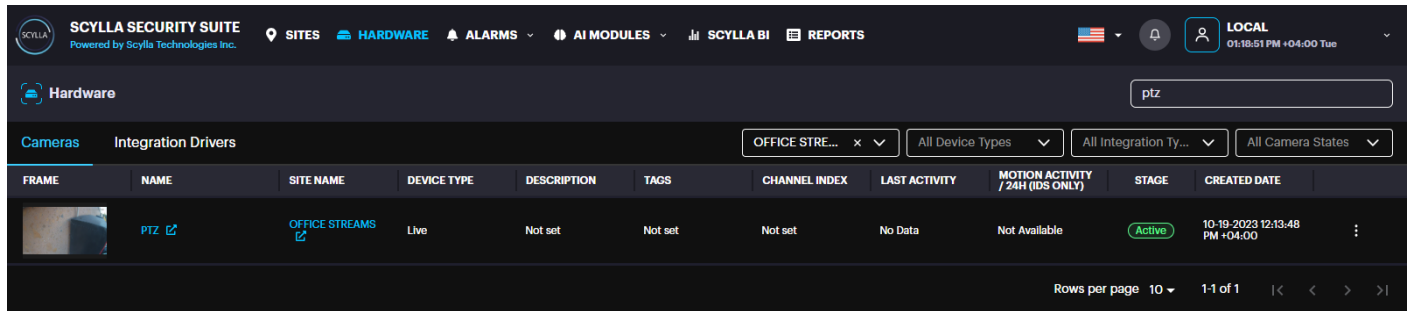
Connect

Connect All Create


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

Hardware

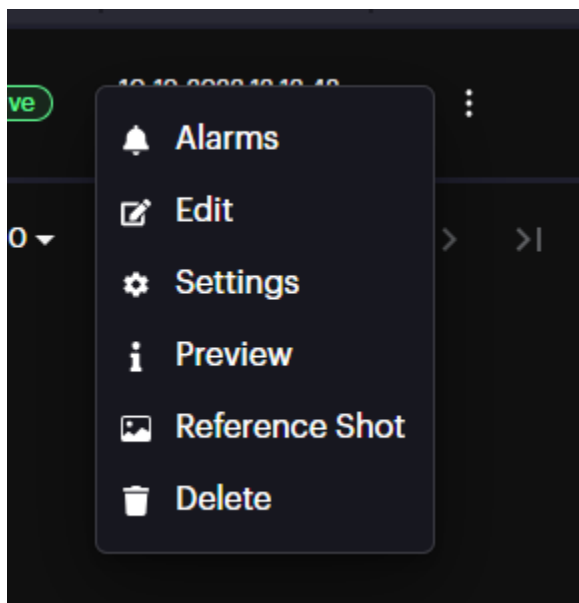
On this page you can see the list of all connected **Cameras** and **Integration Drivers**, as well as filter **Cameras** by **Sites**, **Device type**, **Integration type** and **Camera State**, and sort Integration Drivers by **Site** and **Device Type**.



The screenshot shows the 'Hardware' section of the SCYLLA SECURITY SUITE interface. It features a navigation bar with tabs for 'Cameras' and 'Integration Drivers'. Below the tabs is a table with columns: FRAME, NAME, SITE NAME, DEVICE TYPE, DESCRIPTION, TAGS, CHANNEL INDEX, LAST ACTIVITY, MOTION ACTIVITY / 24H (IDS ONLY), STAGE, and CREATED DATE. A single camera record is visible with the name 'PTZ' and site 'OFFICE STREAMS'. A three-dot menu icon is present at the end of the row.

FRAME	NAME	SITE NAME	DEVICE TYPE	DESCRIPTION	TAGS	CHANNEL INDEX	LAST ACTIVITY	MOTION ACTIVITY / 24H (IDS ONLY)	STAGE	CREATED DATE
	PTZ	OFFICE STREAMS	Live	Not set	Not set	Not set	No Data	Not Available	Active	10-19-2023 12:13:48 PM +04:00

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.

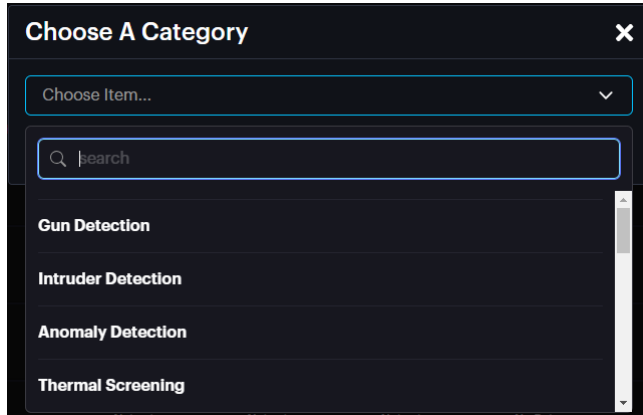
Settings: Allows you to draw detection zone(s)/area(s) & configure module specific settings.

Preview: Displays the camera frame and details

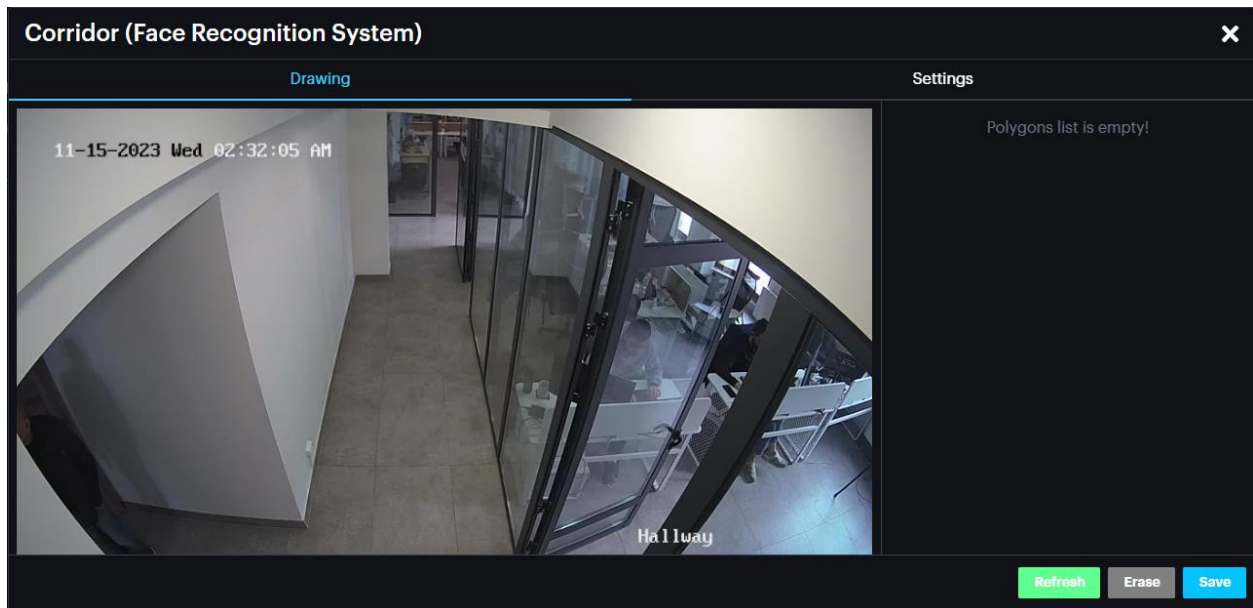
Reference Shot: Refreshes the camera frame in the camera record

Delete: Deletes the camera

Clicking Settings opens **Choose a Category** window



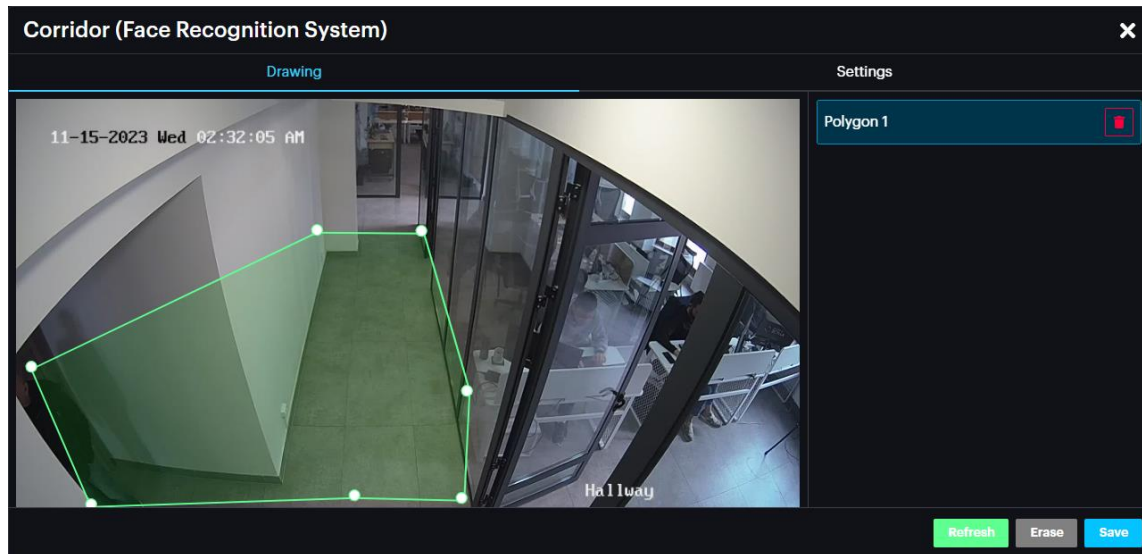
Choose AI module and click **Next**.



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

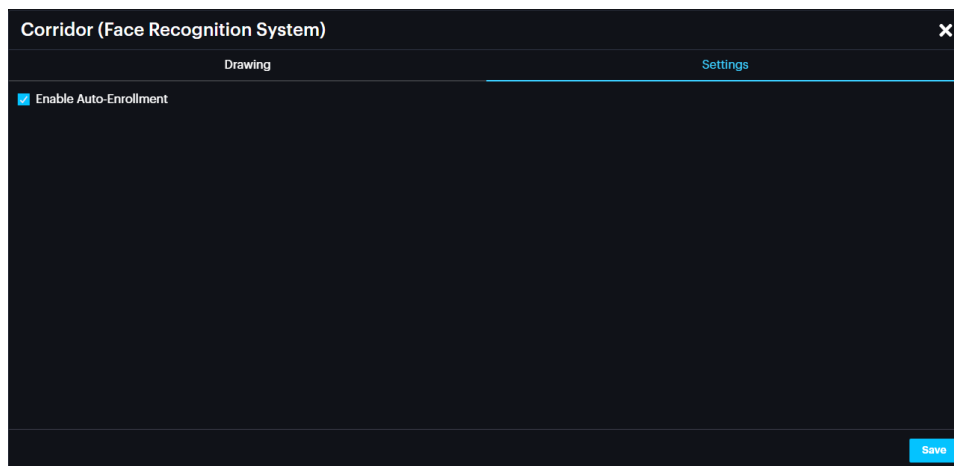
Drawing coordinates

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

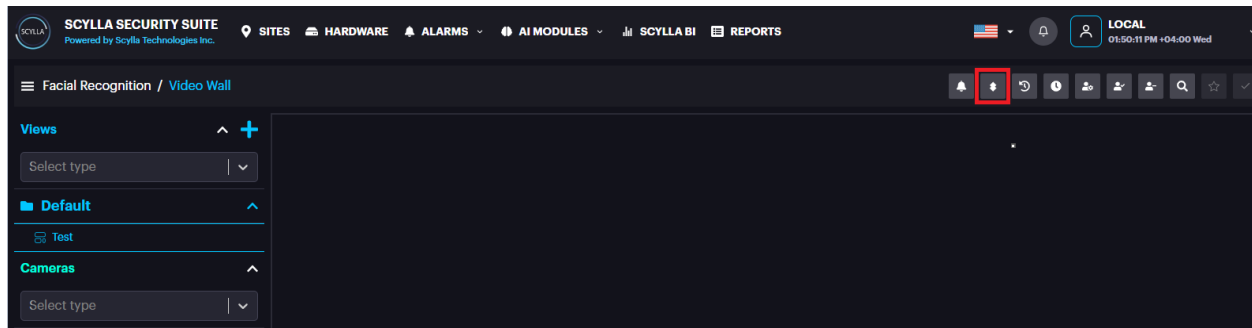
Face Recognition



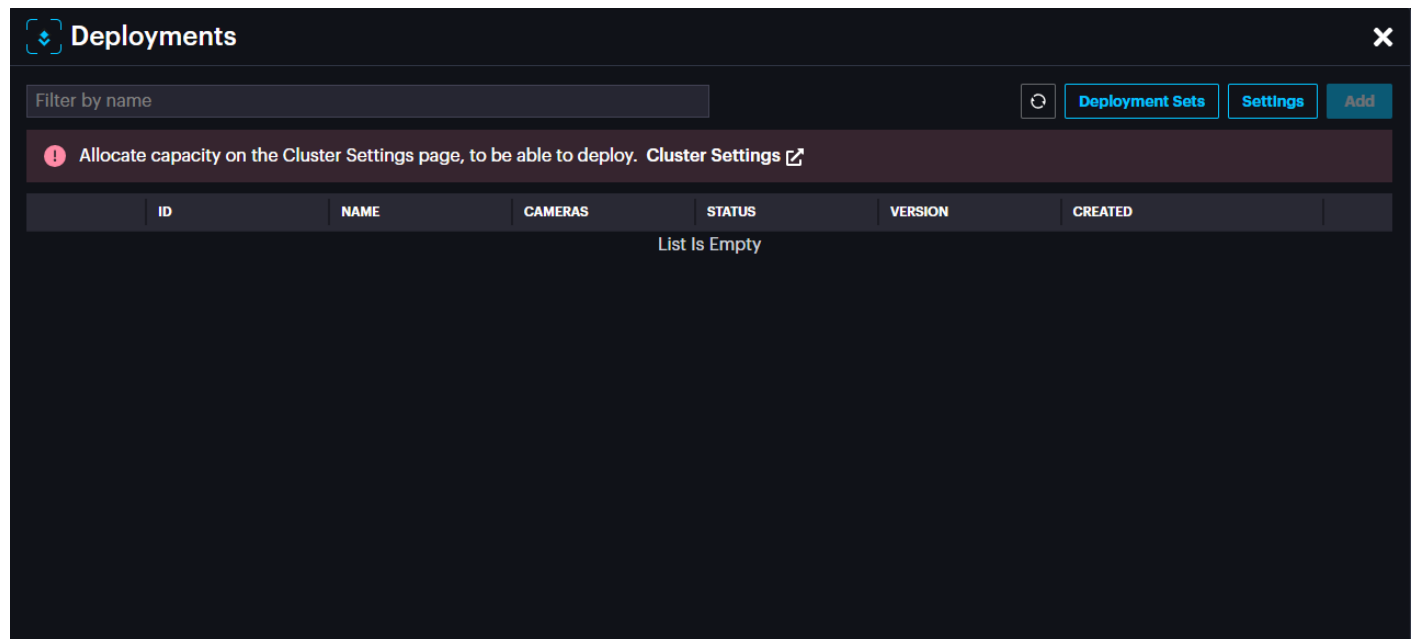
Deployment

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

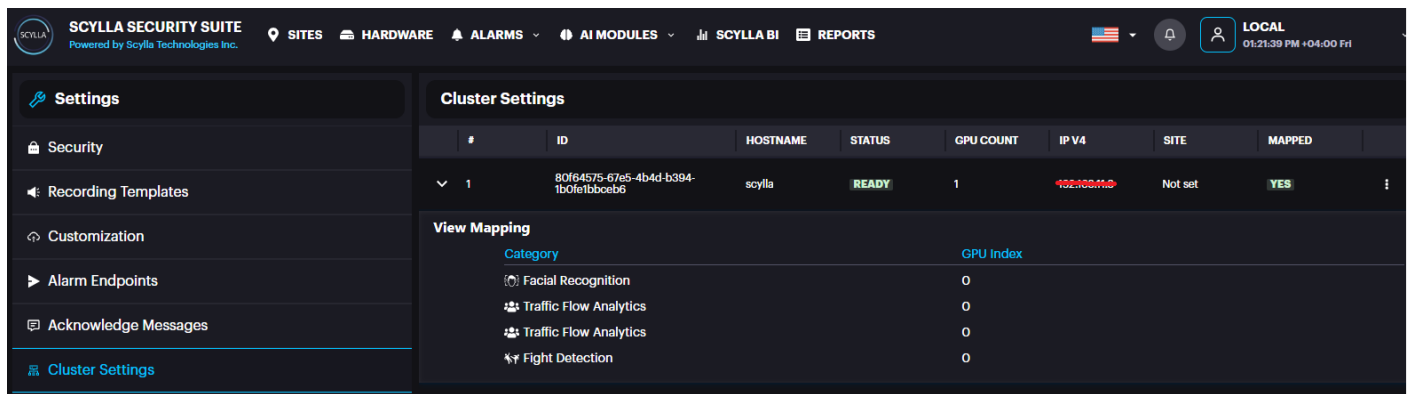
Now Click the **Deployments** icon



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

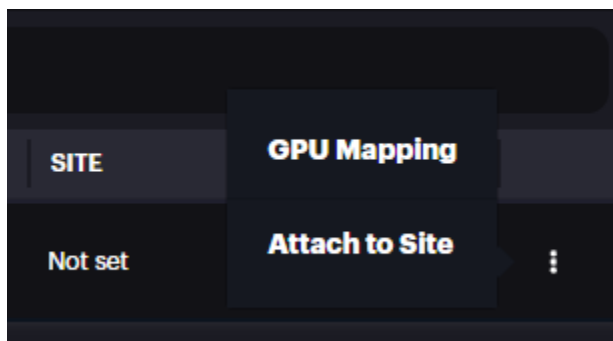


If you have not allocated capacity for this module, a message will appear.
Click on Cluster Settings to navigate to Settings->Cluster Settings.



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.

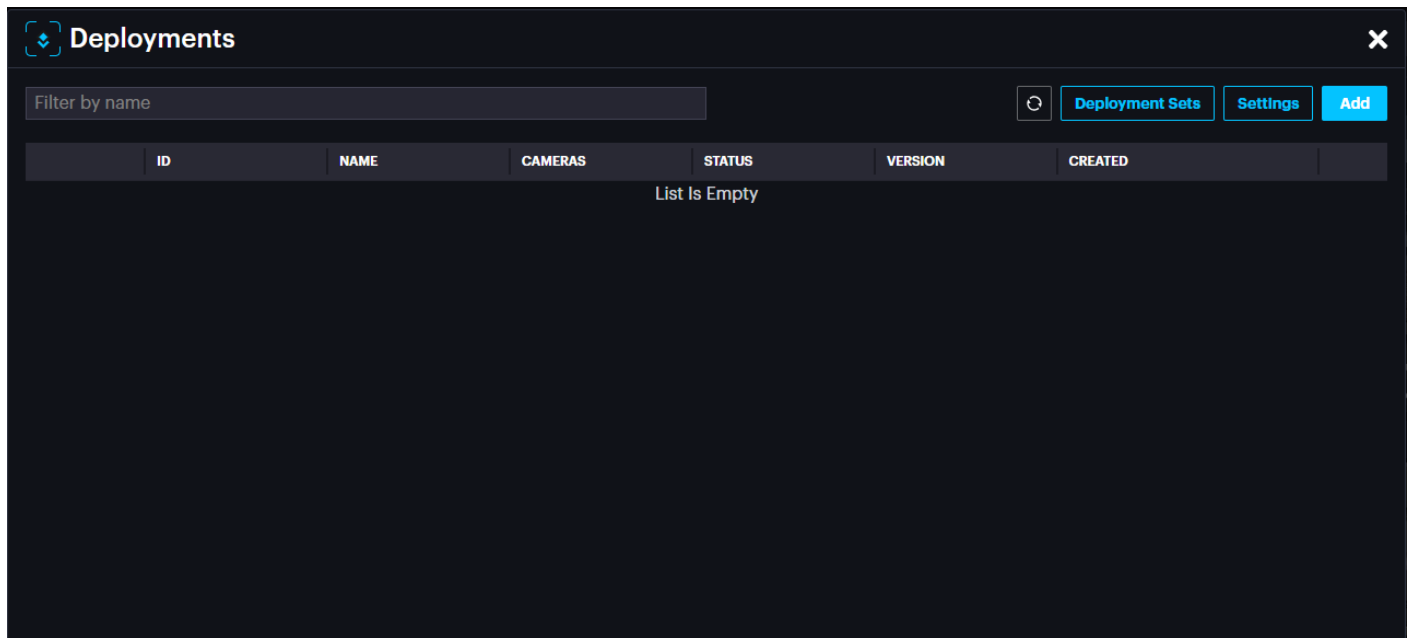
Click on the more options three dots in the cluster record then then GPU Mapping.



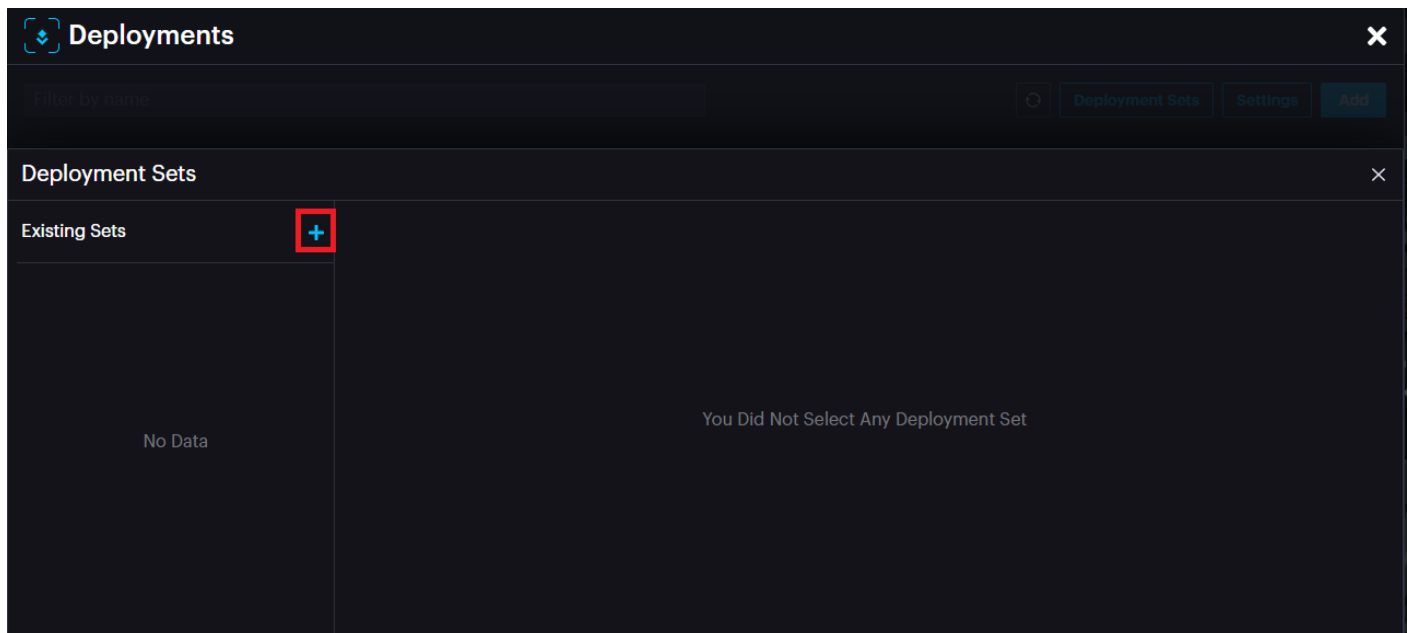
Now the list of modules with their GPU mappings appears, if any.
 You can add mapping by clicking +.

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

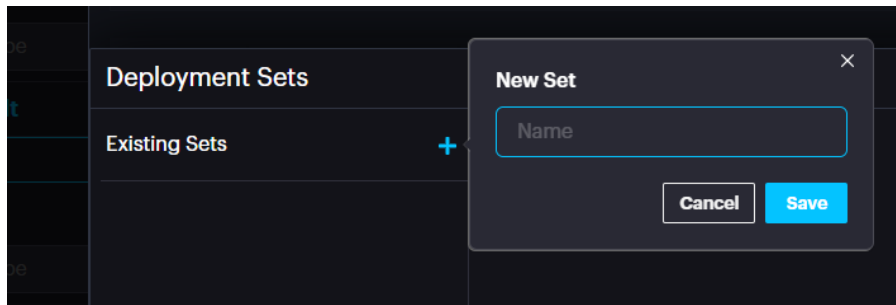
Back to deployments page, it is possible to create **Deployment sets** to assign cameras to sets and save them to avoid camera selection every time manually.



Click Deployment Sets

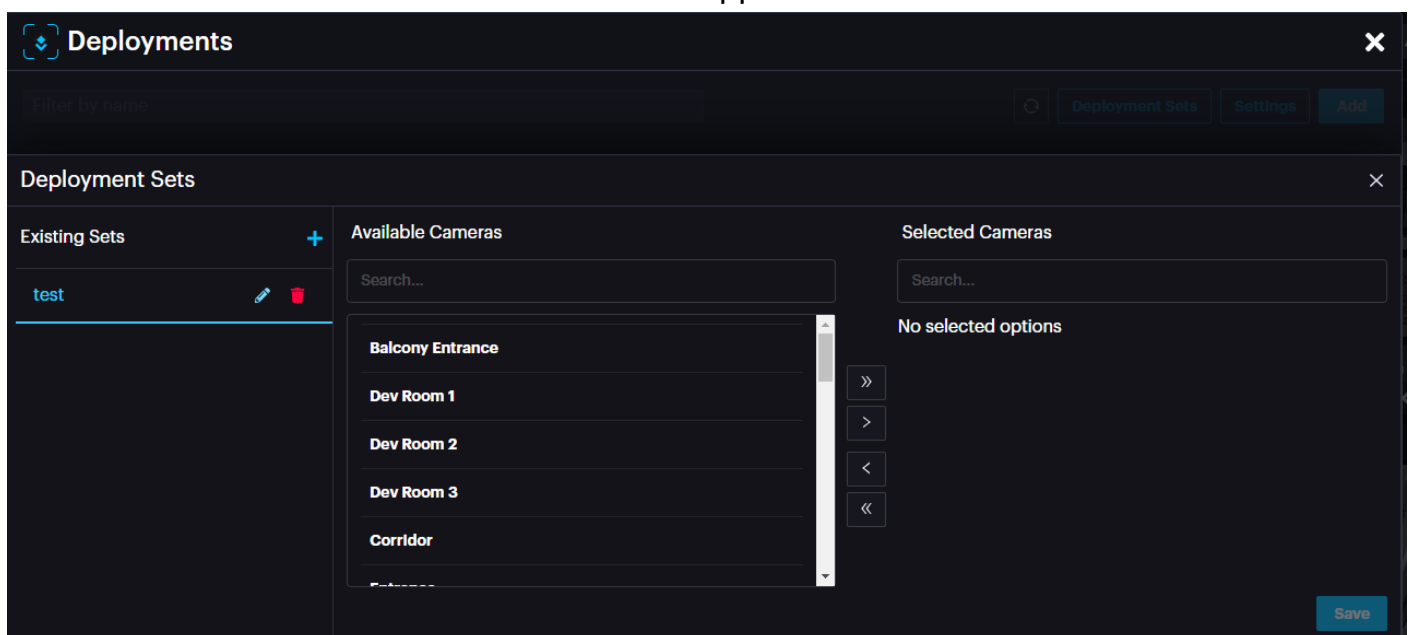


Click the add button to add a Set.



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.

Deployments

Deployment Sets
Settings
Add

Allocate capacity on the Cluster Settings page, to be able to deploy. [Cluster Settings](#)

	ID	NAME	CAMERAS	STATUS	VERSION	CREATED	
1	#e49368	test	1 cameras connected	Running	v1.15.2-clg	10-27-2023 01:48:55 PM +04:00	

Rows per page 10
1-1 of 1

Deployments

Deployment Sets
Settings
Add

ID	NAME	CAMERAS	STATUS	VERSION	CREATED
Deployment settings					

ADD SITE LABEL

Use for multisite deployments only

LOGS LINE COUNT

Specify the number of log lines to be displayed on a log modal in order to effectively analyze the log data.

100

FRS MODE

Face recognition engine running mode

Auto Enrollment

FACE PER STREAM

Number of faces per stream that will be proceeded.

6

FACE SIZE

Min size of the face not to be filtered.

100

VALIDATION IMAGE SIZE

Minimum image resolution for manual

200

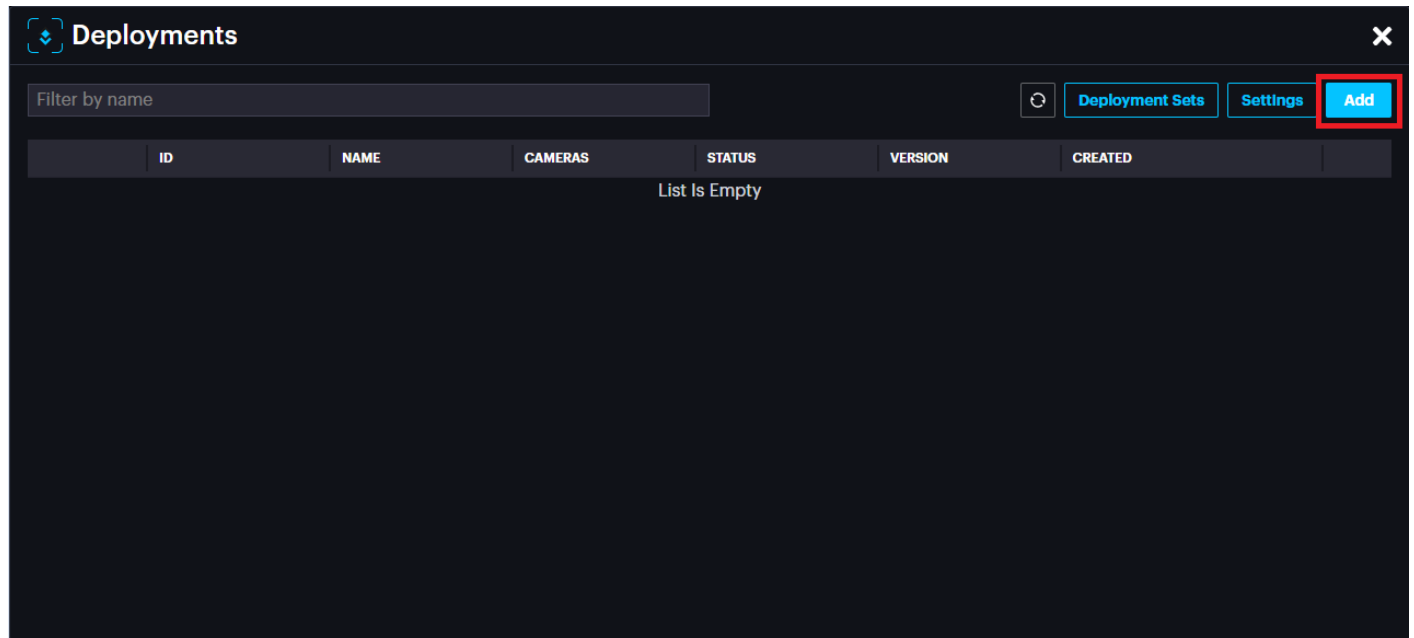
Cancel

Reset to default

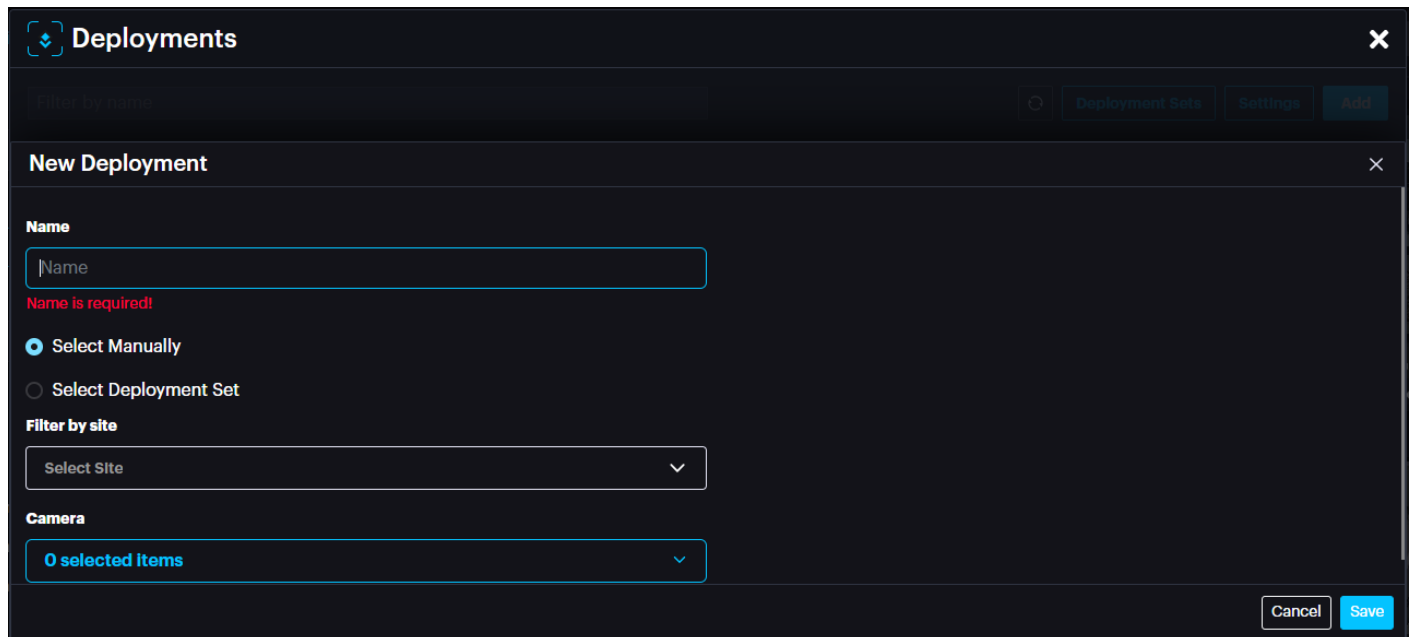
Save

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

Now click on the add button to add a deployment.



A new deployment window appears.

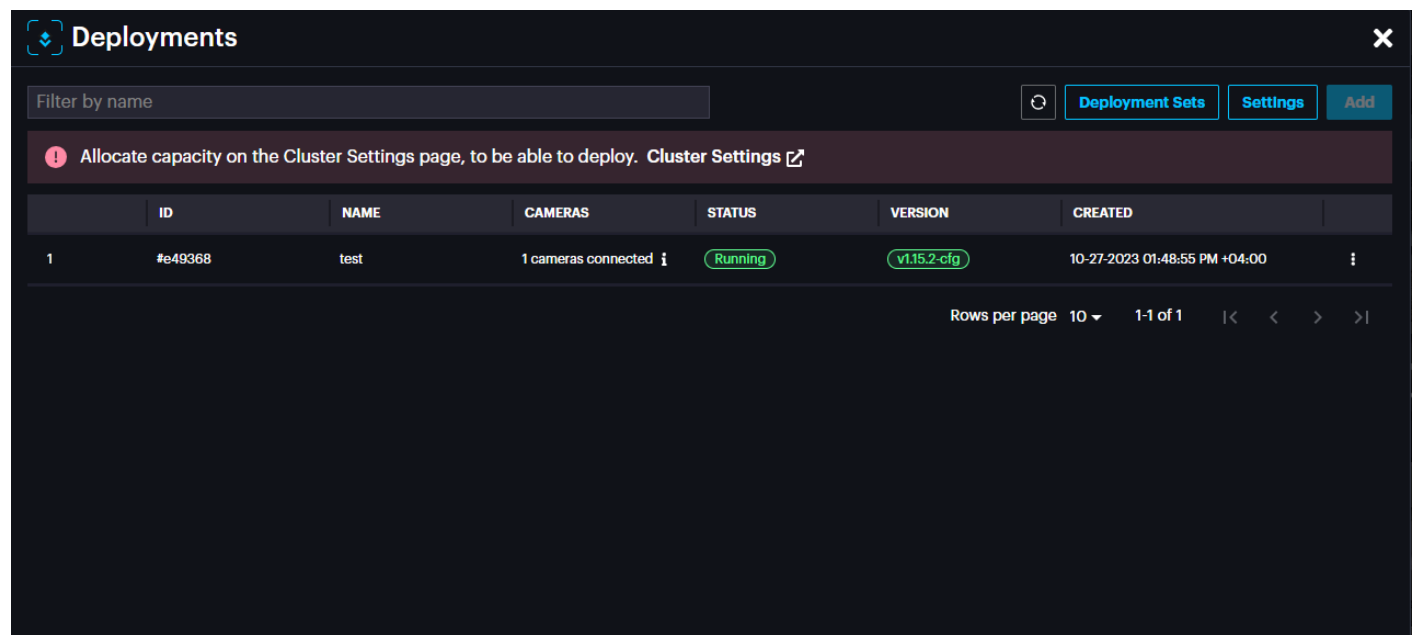


Name: Name of deployment

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**.



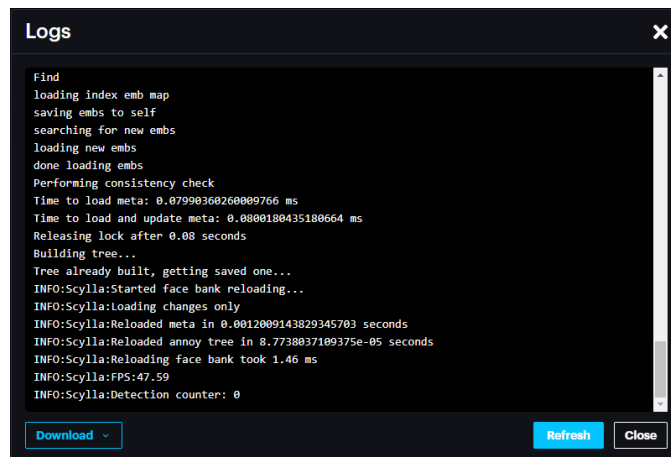
The screenshot shows a web interface titled "Deployments" with a close button (X) in the top right corner. Below the title is a search bar labeled "Filter by name" and a refresh button. To the right of the search bar are three buttons: "Deployment Sets", "Settings", and "Add". A red notification banner at the top of the table area states: "Allocate capacity on the Cluster Settings page, to be able to deploy. Cluster Settings [link]". Below this is a table with the following columns: ID, NAME, CAMERAS, STATUS, VERSION, and CREATED. The table contains one row with the following data: ID: #e49368, NAME: test, CAMERAS: 1 cameras connected (with a dropdown arrow), STATUS: Running (in a green pill), VERSION: v1.15.2-cfg (in a green pill), and CREATED: 10-27-2023 01:48:55 PM +04:00. At the bottom right of the table, there is a pagination control showing "Rows per page 10", "1-1 of 1", and navigation arrows.

	ID	NAME	CAMERAS	STATUS	VERSION	CREATED
1	#e49368	test	1 cameras connected	Running	v1.15.2-cfg	10-27-2023 01:48:55 PM +04:00

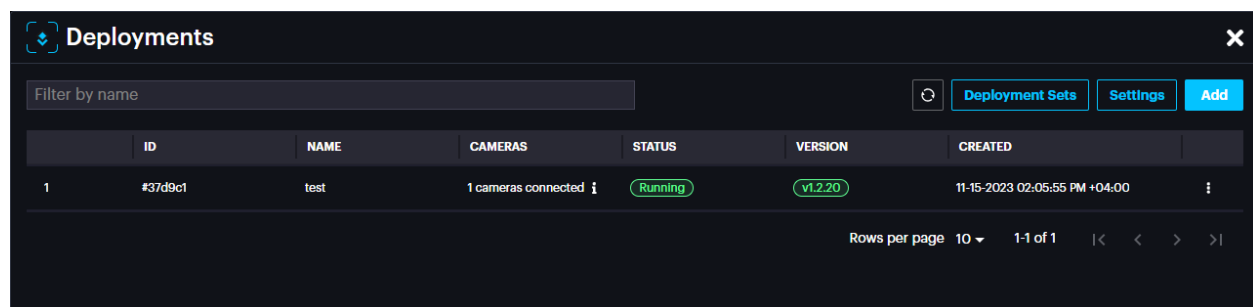
The new deployment will appear with the status (Pending, Waiting or Running).

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.

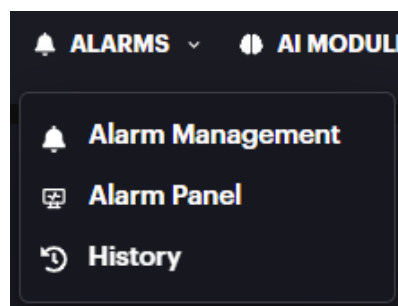
In case the status is not changed to Running, it is possible to check the logs by clicking more options (three dots) then View Logs. In the Logs window it is possible to Download the logs from the bottom left section.



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

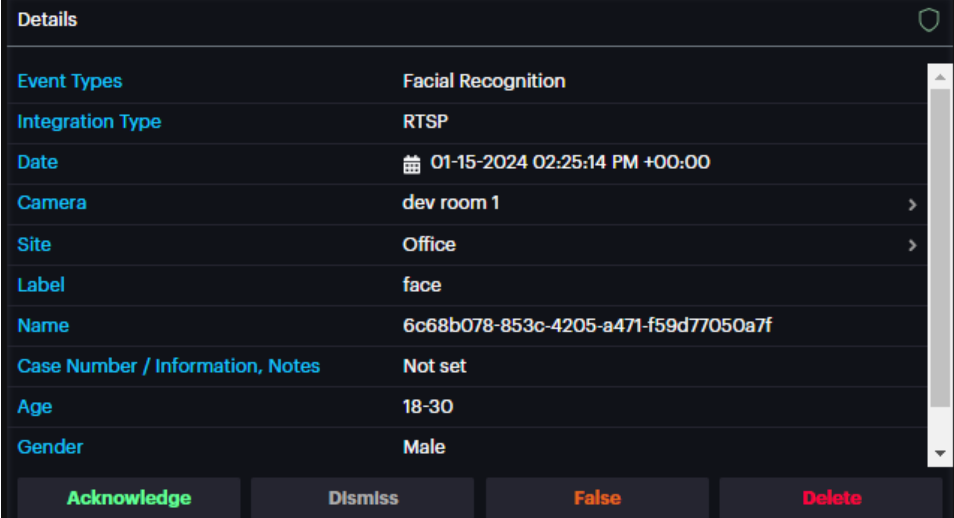
Alarm Management dashboard allows to:

- 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**.

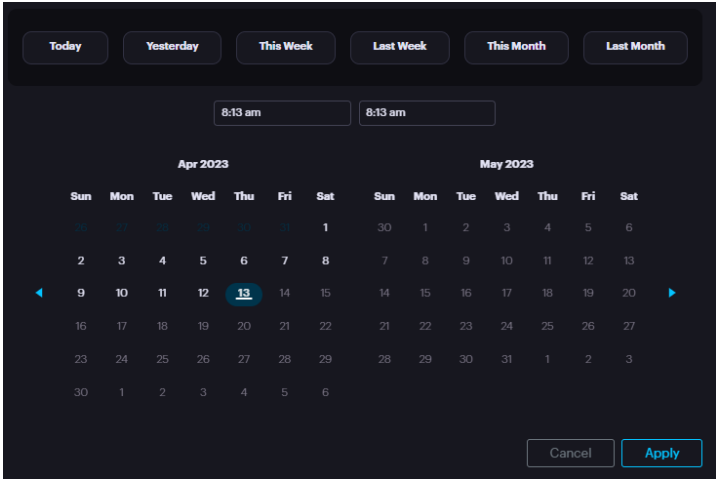
Select the desired alarm. You can see the snapshot of detection occurrence, and a recording (if available).

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.



Details	
Event Types	Facial Recognition
Integration Type	RTSP
Date	01-15-2024 02:25:14 PM +00:00
Camera	dev room 1
Site	Office
Label	face
Name	6c68b078-853c-4205-a471-f59d77050a7f
Case Number / Information, Notes	Not set
Age	18-30
Gender	Male
<div> Acknowledge Dismiss False Delete </div>	

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).



Today
Yesterday
This Week
Last Week
This Month
Last Month

8:13 am
8:13 am






Apr 2023
May 2023

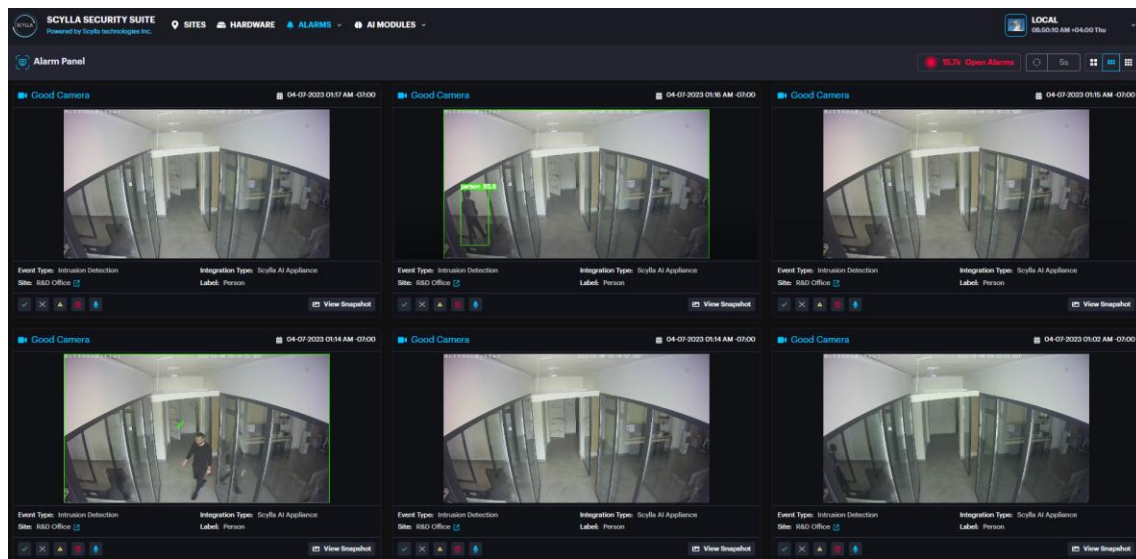
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5	30	1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31	1	2	3
30	1	2	3	4	5	6							

Cancel
Apply

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.

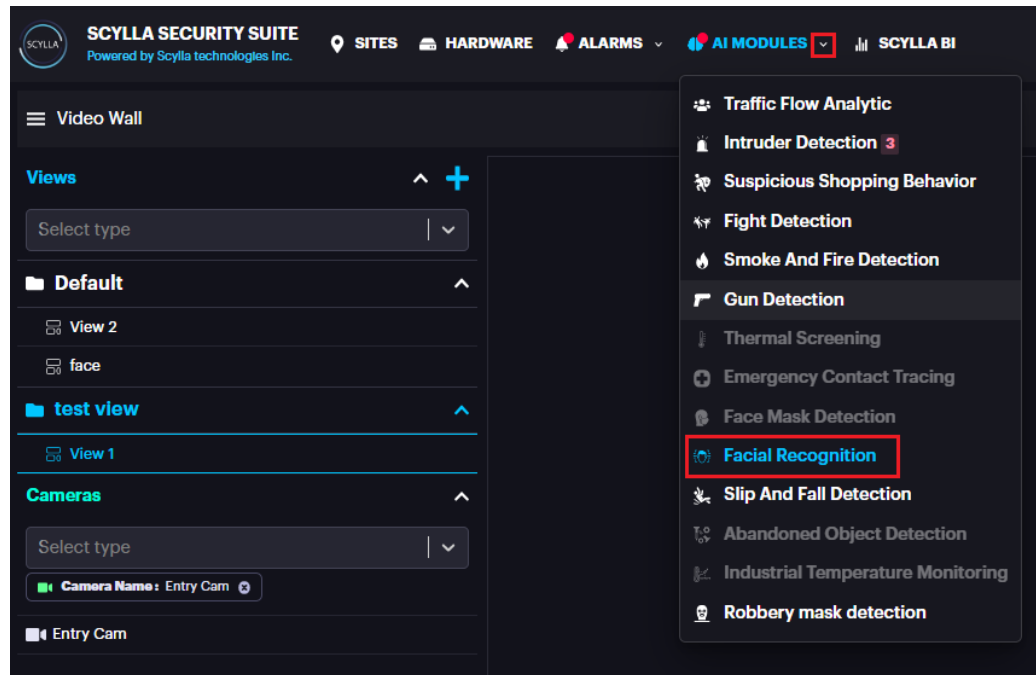


History

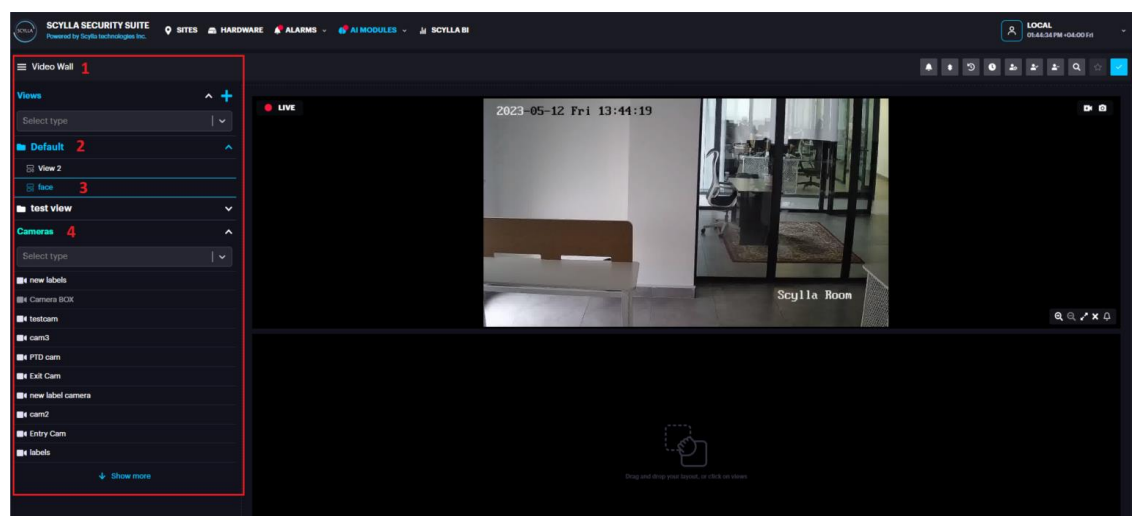
Click on the **History** button to open the [Browse Alarms History](#) page but without having a specific site's alarms history preselected in the **Quick Filters** menu.

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.

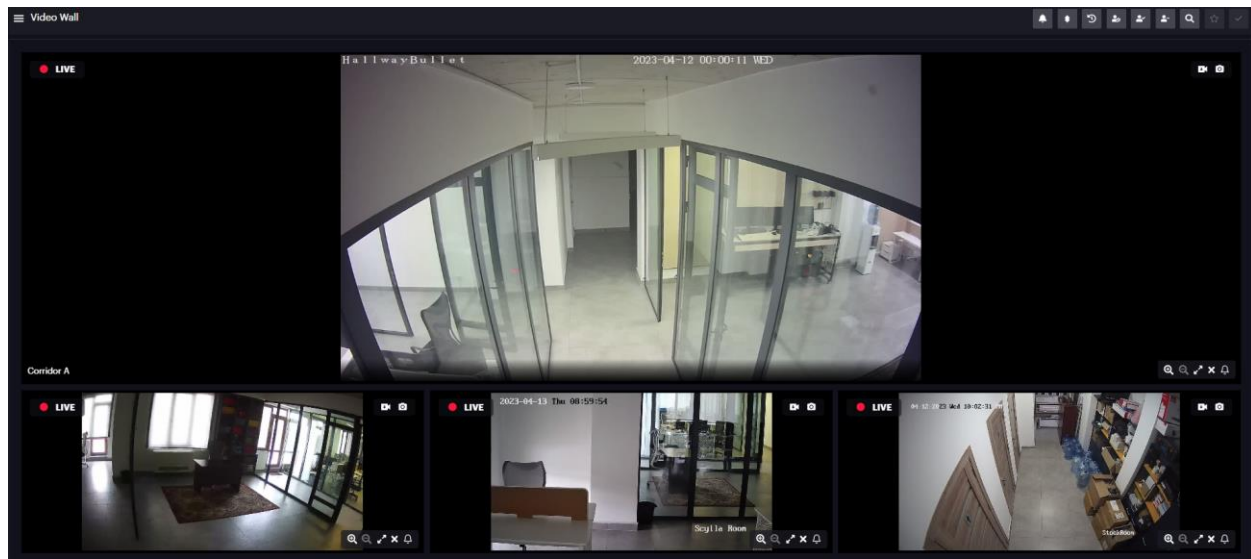
View Group – View groups include view.

Views –Layouts; can be user-defined or predefined

Cameras – List of the cameras

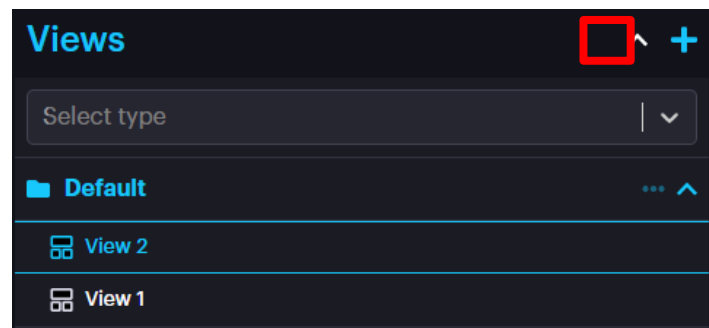
Video Wall

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

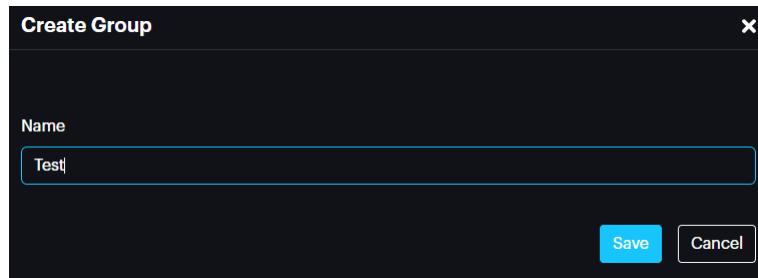


View Groups & Views

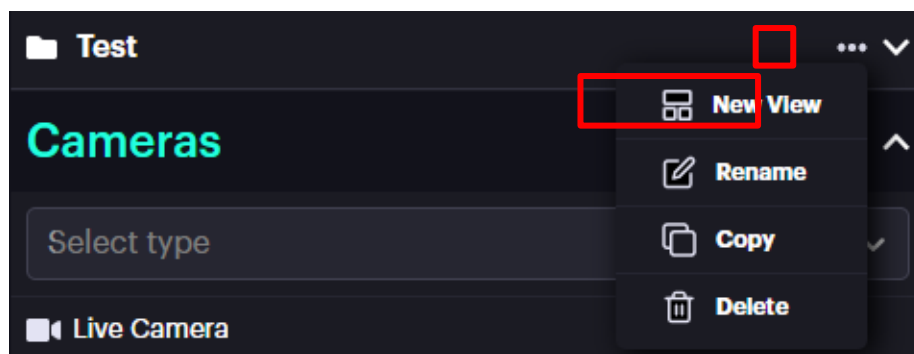
Here you can create **Group** of **Views** with customized **group of cameras** of your choice. To create the Group, click on the Add new Group button.



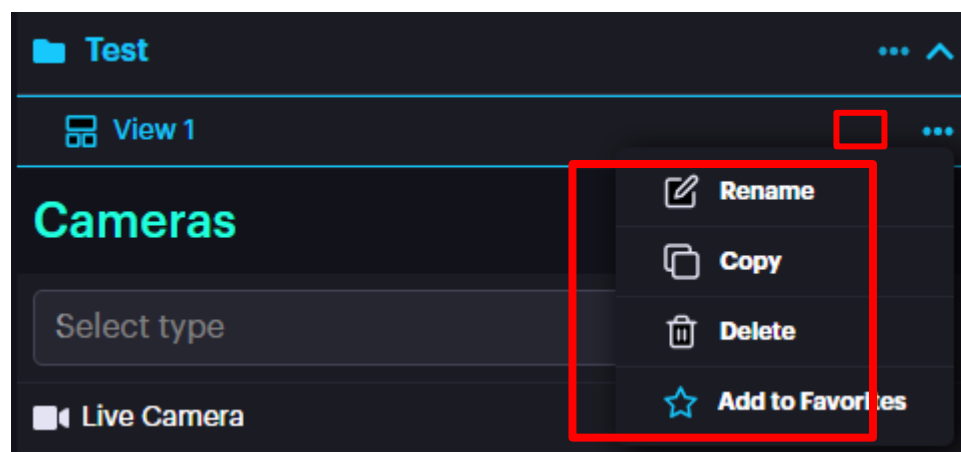
Name the group and click **save**.



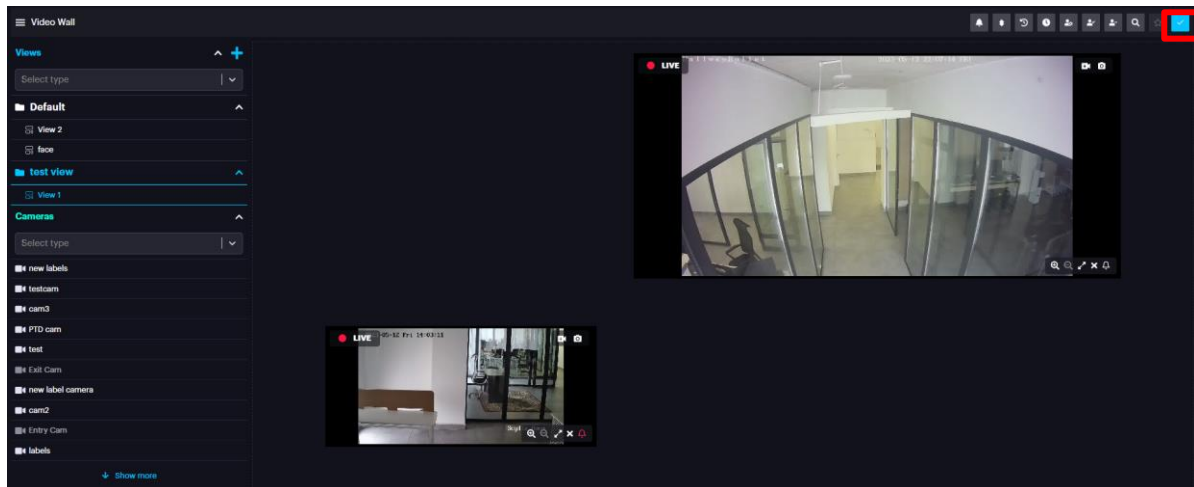
Then you need to **add** the **View** in the Created group. To add View, click on the **More Options** button on the desired group and click **New View**. You also can **Rename**, **Copy** and **Delete** the group by clicking the corresponding button.



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

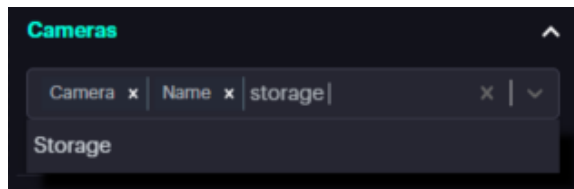


After creating a View, you need to add cameras to customize your view with the cameras needed. Drag and drop your cameras from **Cameras** section and create custom layout, or you can use predefined ones after adding the cameras click **save** button.



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**.

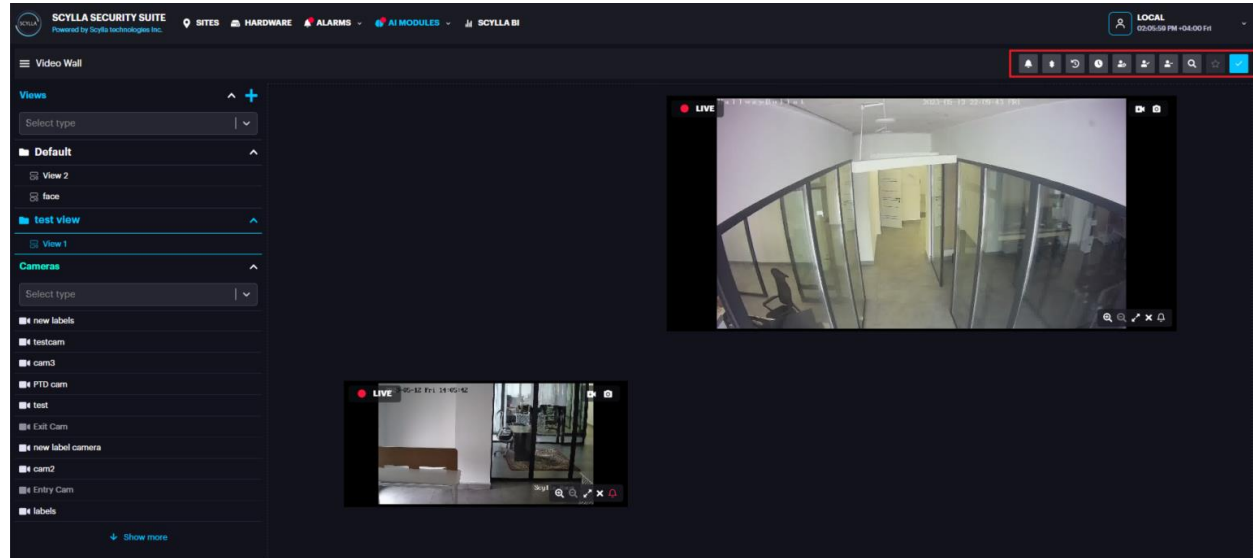


Camera thumbnail has the following features



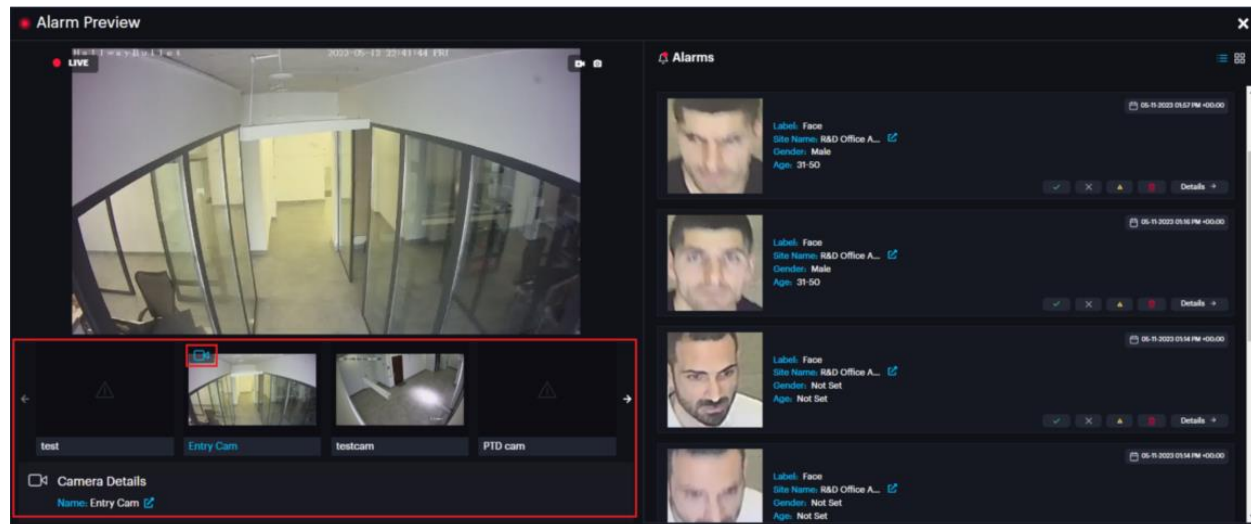
- Download 10 sec record.
- Download screenshot.
- Zoom In
- Zoom Out
- Full Screen
- Remove Camera from view.
- Alarm Preview

The right side consists of buttons each representing unique function.

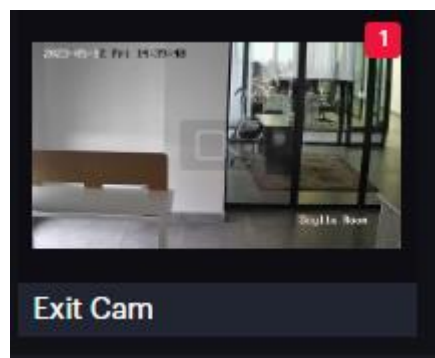


- **Alarm View**
- **Deployments**
- **History List**
- **Time Attendance**
- **Database**
- **Watchlist**
- **Whitelist**
- **Person Search**
- **Favorites**
- **Save**

Alarm View



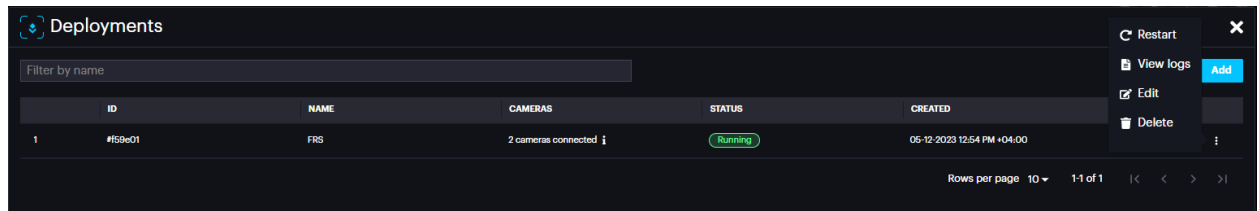
Select the required camera from the left menu (selected camera has camera icon in its thumbnail)
In case of new alarm, the camera thumbnail displays the number of new alarms.



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.

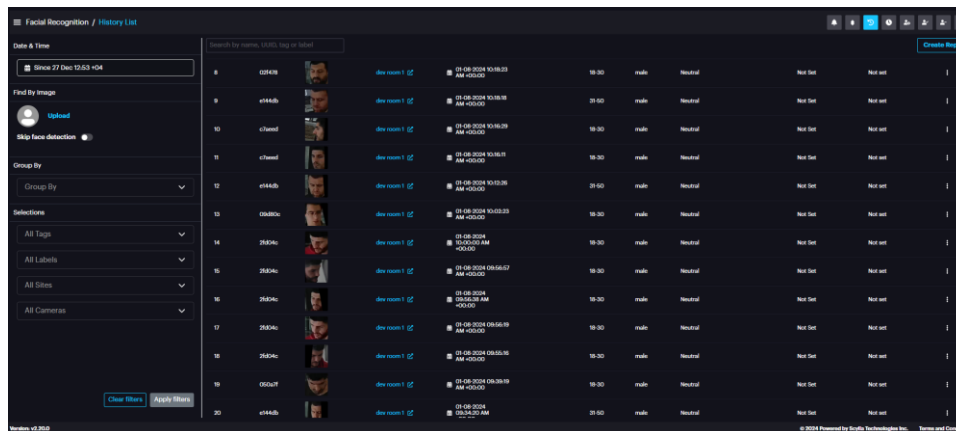


More options include Restarting deployment, viewing deployment logs, editing deployment and Deleting deployment.

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).

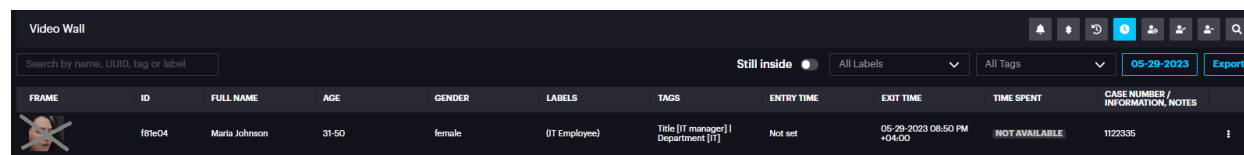
It is possible to export the detections snapshots by enabling the with frames option (Reports with frames can contain maximum 1000 alarms).

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.



The screenshot shows the 'Video Wall' interface. At the top, there's a search bar 'Search by name, UUID, tag or label'. To the right, there are filters for 'Still inside' (a toggle switch), 'All Labels', and 'All Tags'. A date filter is set to '05-29-2023' with an 'Export' button. Below this is a table with the following columns: FRAME, ID, FULL NAME, AGE, GENDER, LABELS, TAGS, ENTRY TIME, EXIT TIME, TIME SPENT, and CASE NUMBER / INFORMATION, NOTES. The first row of data shows a person with ID 'f81e04', Full Name 'Maria Johnson', Age '31-50', Gender 'female', Label 'IT Employee', Title 'IT manager | Department [IT]', Entry Time 'Not set', Exit Time '05-29-2023 08:50 PM +04:00', Time Spent 'NOT AVAILABLE', and Case Number '1122335'.

FRAME	ID	FULL NAME	AGE	GENDER	LABELS	TAGS	ENTRY TIME	EXIT TIME	TIME SPENT	CASE NUMBER / INFORMATION, NOTES
	f81e04	Maria Johnson	31-50	female	IT Employee	Title [IT manager] Department [IT]	Not set	05-29-2023 08:50 PM +04:00	NOT AVAILABLE	1122335

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.

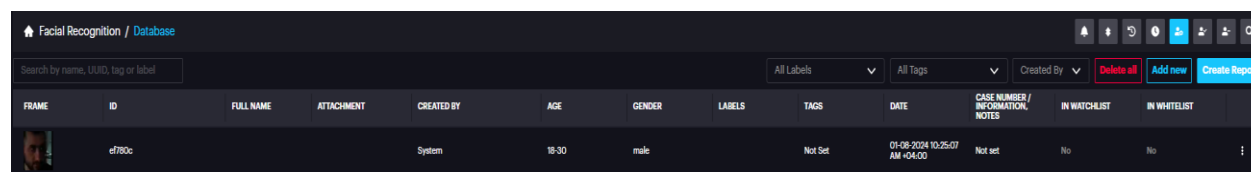
To Export report of Time attendance, click the **Create Report** button, and choose the format (CSV, XLSX, PDF or ZIP).

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).



The screenshot shows the 'Facial Recognition / Database' interface. At the top, there's a search bar 'Search by name, UUID, tag or label'. To the right, there are filters for 'All Labels', 'All Tags', and 'Created By'. There are also buttons for 'Delete all', 'Add new', and 'Create Report'. Below this is a table with the following columns: FRAME, ID, FULL NAME, ATTACHMENT, CREATED BY, AGE, GENDER, LABELS, TAGS, DATE, CASE NUMBER / INFORMATION, NOTES, IN WATCHLIST, and IN WHITELIST. The first row of data shows a person with ID 'cf780c', Full Name 'System', Age '18-30', Gender 'male', Label 'Not Set', Date '01-08-2024 10:25:07 AM +04:00', Case Number 'Not set', In Watchlist 'No', and In Whitelist 'No'.

FRAME	ID	FULL NAME	ATTACHMENT	CREATED BY	AGE	GENDER	LABELS	TAGS	DATE	CASE NUMBER / INFORMATION, NOTES	IN WATCHLIST	IN WHITELIST
	cf780c			System	18-30	male		Not Set	01-08-2024 10:25:07 AM +04:00	Not set	No	No

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**).

First Name

First name

Last Name

Last name

Labels

Labels

Age

Age

Gender

Gender

Case Number / Information, Notes

Case number / information, notes

Tags

Key

Value

+

Images

Upload

min - 1 | max - 5

Every provided image should contain a single face only. .Png .Jpg with max size of 10MB and minimal resolution is 200x200

Attach Document

Upload

max - 1

Only PDF with max size of 5MB

Submit

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.

Facial Recognition / Database

Search by name, UUID, tag or label

All Labels

All Tags

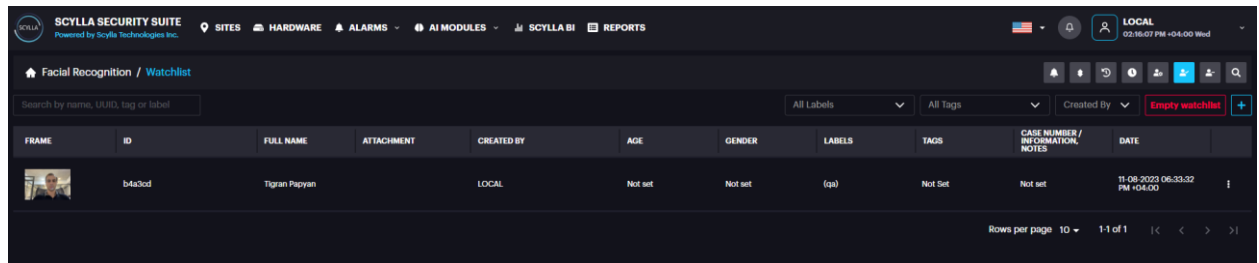
Created By

FRAME	ID	FULL NAME	CREATED BY	AGE	GENDER	LABELS	TAGS	DATE	CASE NUMBER / INFORMATION, NOTES	IN WATCHLIST	
	3078f	dan test	Operator	0-12	male	(abc)	Not Set	05-31-2023 04:58 PM +04:00	T23	No	<div> <div>Add to watchlist</div> <div>Add to whitelist</div> <div>Delete</div> </div>

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.

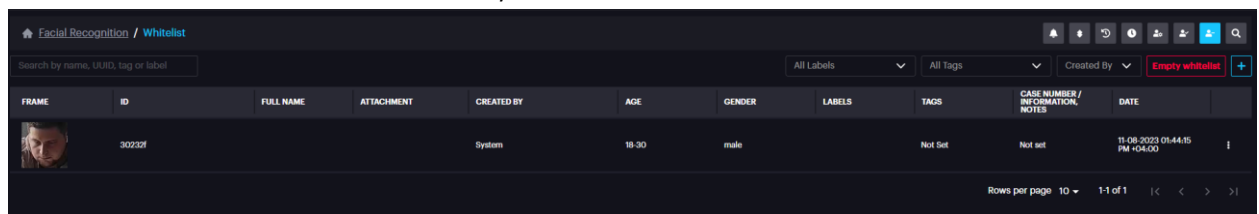
To Remove a face from watchlist or move to whitelist, click the **more option three dots** in the record and choose the required action.

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.






Search

Search by full name or UUID



Skip face detection ☐


Group By Person ▼

FRAME	ID	FULL NAME	CREATED BY	AGE	GENDER	LABELS	DATE	CASE NUMBER / INFORMATION, NOTES	IN WATCHLIST	IN WHITELIST
	b636458-c36c-459f-8ff5-82526a4de043	Hamo Harutyunyan	System	Not Set	Not Set	(criminal)	05-08-2023 03:04 PM +04:00	Not set	Yes	No
	9cd49313-c1f7-4a3d-ba10-3fb5dadcc466		System	Not Set	Not Set		05-12-2023 04:01 PM +04:00	Not set	No	No
	4f6ecb0-106b-4166-8f60-8c392d4761f7	Hovig Kouyoumjan	Operator	18-30	male	(footballer)	05-09-2023 11:15 AM +04:00	5	No	No
	90e9968f-8be1-42f7-b929-67fb69ea7dfe		System	Not Set	Not Set		05-08-2023 03:33 PM +04:00	Not set	No	No
	73d25dc-0245-445e-8e1e-611c368cd24		System	Not Set	Not Set		05-11-2023 05:17 PM +04:00	Not set	No	No

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


Search

fbatb0b... x Search by full name or UUID



Skip face detection ☐

Group By Person ▼

FRAME	ID	FULL NAME	CREATED BY	AGE	GENDER	LABELS	DATE	CASE NUMBER / INFORMATION, NOTES	IN WATCHLIST	IN WHITELIST
	c12fc7f6-133e-4ce1-a724-17826fc551f9	Hamo Harutyunyan	Operator	31-50	male	(footballer)	05-11-2023 05:06 PM +04:00	Not set	No	No

Rows per page 10

1-1 of 1


<

>

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

Search


fbatb0b... x Search by full name or UUID



Skip face detection ☐

Group By Person ▼

People List / Person Details



Hamo Harutyunyan

ID

c12fc7f6-133e-4ce1-a724-17826fc551f9

CREATED BY

Operator

AGE

31-50

GENDER

male

LABELS

















(footballer)

DATE

05-11-2023 05:06 PM +04:00

Latest Alarms

Latest Detections

FRAME	CAMERA	DATE & TIME	TYPE	ALARM STATUS
	Exit Cam 	05-12-2023 04:07 PM +04:00	Verified	Open
	Exit Cam 	05-12-2023 03:57 PM +04:00	Verified	Open
	Exit Cam 	05-12-2023 03:35 PM +04:00	Verified	Open
	Exit Cam 	05-12-2023 02:44 PM +04:00	Verified	Open
	Exit Cam 	05-12-2023 01:58 PM +04:00	Verified	Open
	Exit Cam 	05-12-2023 01:07 PM +04:00	Verified	Open
	Exit Cam 	05-12-2023 01:05 PM +04:00	Verified	Open
	Entry Cam 	05-11-2023 05:57 PM +04:00	Verified	Open

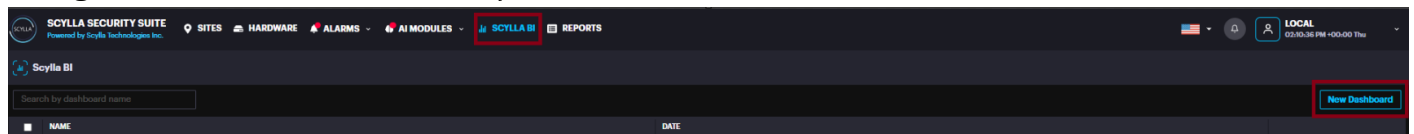
40

Scylla BI

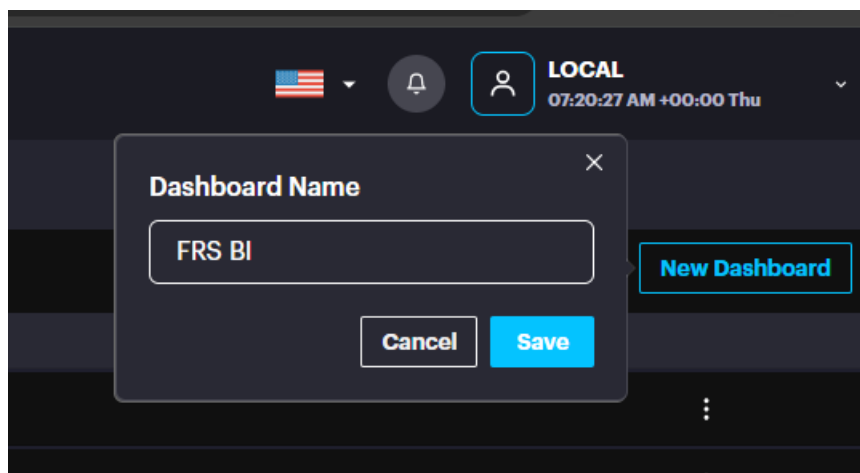
Scylla BI includes different types of metrics which are visually presented by widgets on dashboard for business insights and Visitor Tracking.

Creating Dashboard

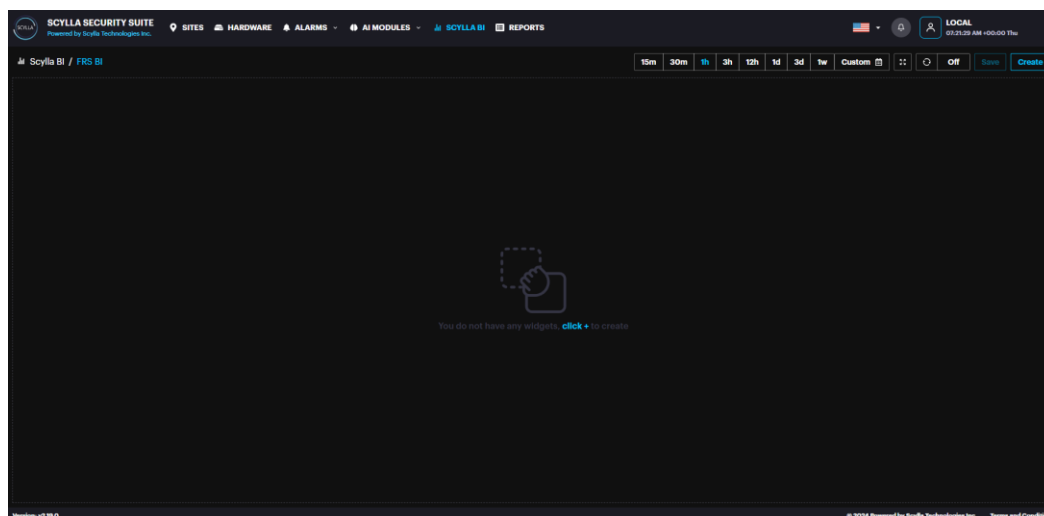
Navigate to SCYLLA BI from the top menu and click New Dashboard.



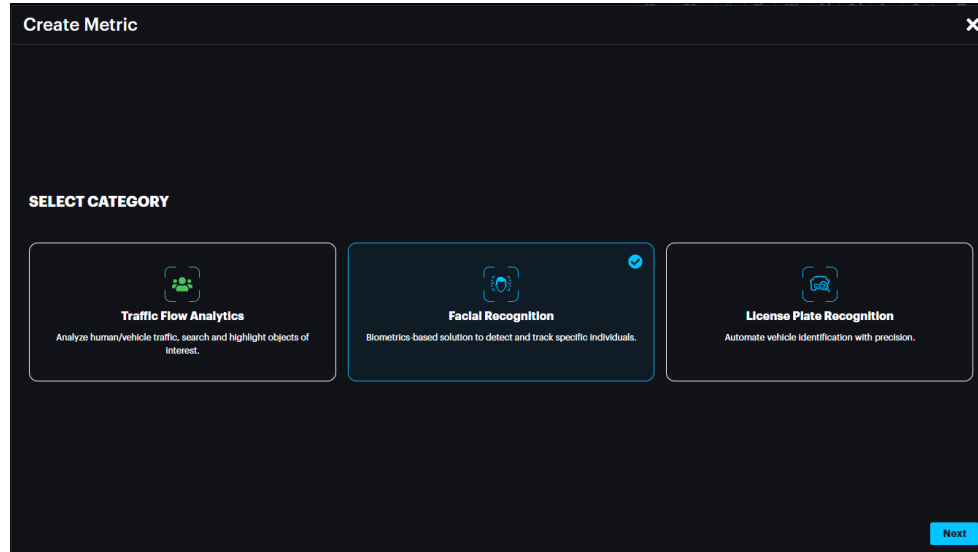
Name the dashboard and click **Save**.



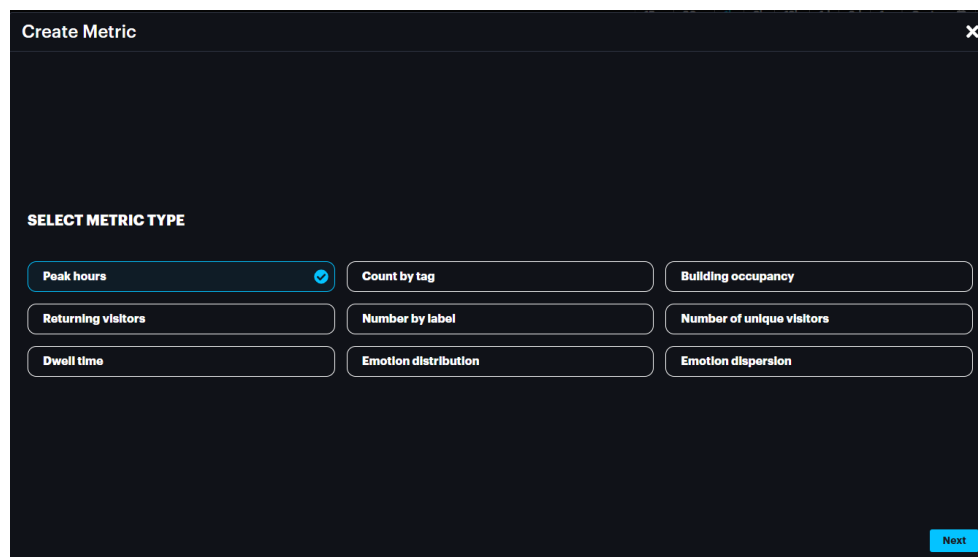
A new dashboard under SCYLLA BI is created.



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.

Create Metric

SELECT METRIC TYPE

Peak hours

Count by tag

Building occupancy

Returning visitors

Number by label

Number of unique visitors

Dwell time

Emotion distribution

Emotion dispersion

Next

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

Create Metric

Peak Hours

15m30m1h3h12h1d3d1wCustom

12:18

Date

ResourceOptions

Search by name or ID

	NAME	DEVICE TYPE	LAST ACTIVITY	STAGE	DATE
<input type="checkbox"/>	4K	Live	no data	Active	12-15-2023 05:02:55 PM +04:00
<input type="checkbox"/>	AOD1	Live	no data	Active	12-15-2023 04:54:46 PM +04:00
<input type="checkbox"/>	AOD10	Live	no data	Active	12-15-2023 04:54:46 PM +04:00
<input type="checkbox"/>	AOD11	Live	no data	Active	12-15-2023 04:54:46 PM +04:00
<input type="checkbox"/>	AOD12	Live	no data	Active	12-15-2023 04:54:46 PM +04:00

Save

Select the desired camera(s)

Create Metric

Peak Hours

15m 30m 1h 3h 12h 1d 3d 1w Custom

2024-01-25

13:30 13:45 14:00

Date

Resource Options

2 selected cameras [Clear](#)

tech

	NAME	DEVICE TYPE	LAST ACTIVITY	STAGE	DATE
<input checked="" type="checkbox"/>	tech room	Live	no data	Active	01-25-2024 12:37:51 PM +04:00

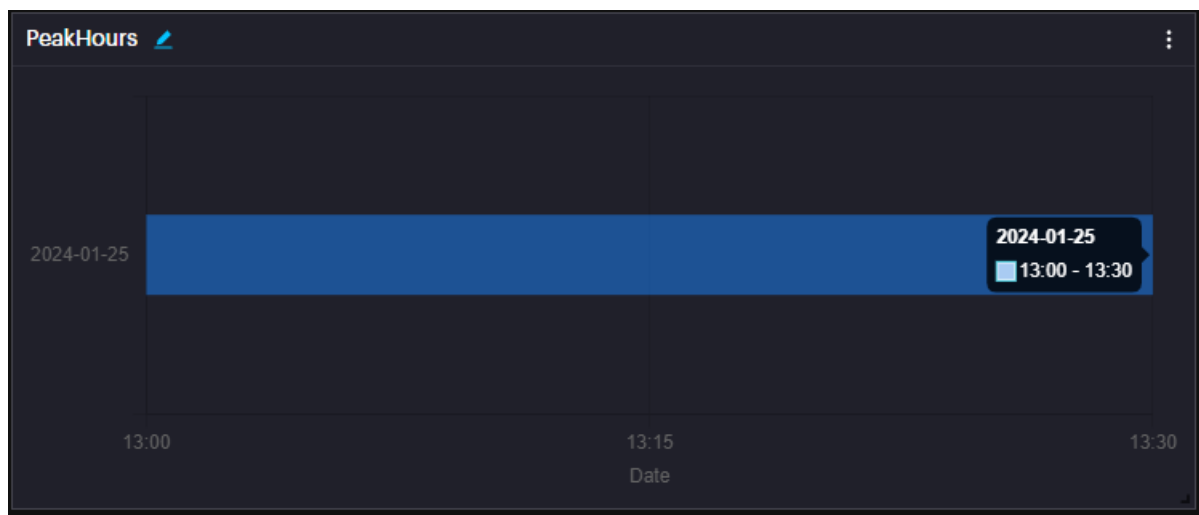
Rows per page 10 1-1 of 1

Save

Go to options to configure metric settings.

Widget Type: Gantt

Click **Save**.

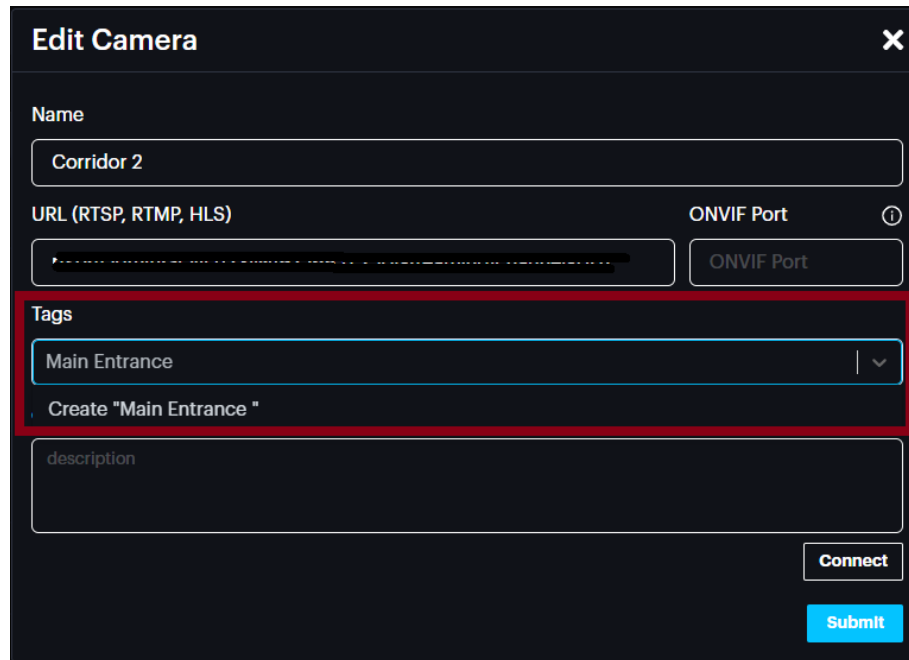


Peak hour metric widget is created on the dashboard.

Count by Tag

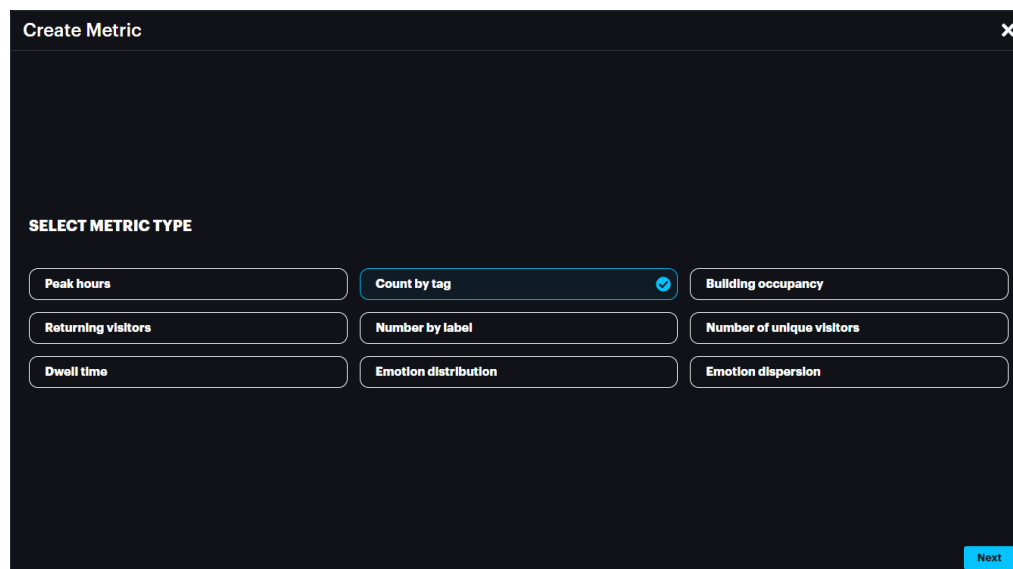
This metric displays the visitor count based on face detection on a specific camera.

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



The screenshot shows the 'Edit Camera' form. The 'Name' field contains 'Corridor 2'. The 'URL (RTSP, RTMP, HLS)' field is partially obscured. The 'ONVIF Port' field contains 'ONVIF Port'. The 'Tags' section is highlighted with a red border and contains a dropdown menu with 'Main Entrance' selected. Below the dropdown is a link that says 'Create "Main Entrance"'. The 'description' field is empty. At the bottom right, there are 'Connect' and 'Submit' buttons.

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



The screenshot shows the 'Create Metric' form. Under the 'SELECT METRIC TYPE' section, there are nine buttons: 'Peak hours', 'Count by tag' (which is selected with a blue checkmark), 'Building occupancy', 'Returning visitors', 'Number by label', 'Number of unique visitors', 'Dwell time', 'Emotion distribution', and 'Emotion dispersion'. A 'Next' button is located at the bottom right.

Create Metric

Count By Tag

15m 30m 1h 3h 12h 1d 3d 1w Custom

8
4
0

Tech Support Room

Tech Support Room

Options

Widget Type

Bar

Legend Position

Top

Tags

1 selected items

Select people

☒ Tech Support Room

☐ entry

☐ exit

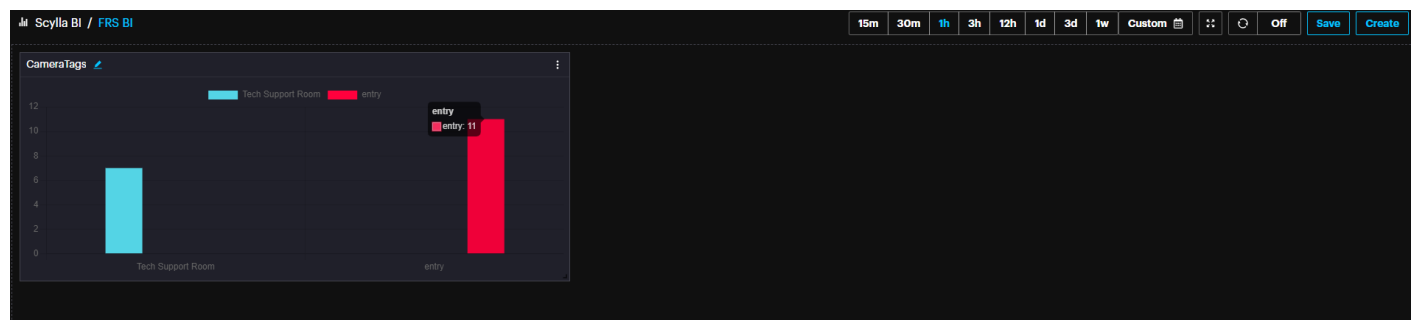
Save

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.



The screenshot shows the 'Edit Camera' interface. The 'Name' field contains 'Corridor 1'. The 'URL (RTSP, RTMP, HLS)' field is empty. The 'ONVIF Port' field is empty. The 'Tags' field is highlighted with a red box and contains a list of tags: 'entry' and 'exit'. Each tag has a red 'x' icon next to it. The 'Connect' button is visible at the bottom right.

Field	Value
Name	Corridor 1
URL (RTSP, RTMP, HLS)	
ONVIF Port	
Tags	entry, exit

Back to Scylla BI metric list, select Building occupancy.

Create Metric

×

SELECT METRIC TYPE

Peak hours

Count by tag

Building occupancy

Returning visitors

Number by label

Number of unique visitors

Dwell time

Emotion distribution

Emotion dispersion

Next

and click **Next**.

Create Metric

X

Building Occupancy

15m30m1h3h12h1d3d1wCustom

Building Occupancy

139

+

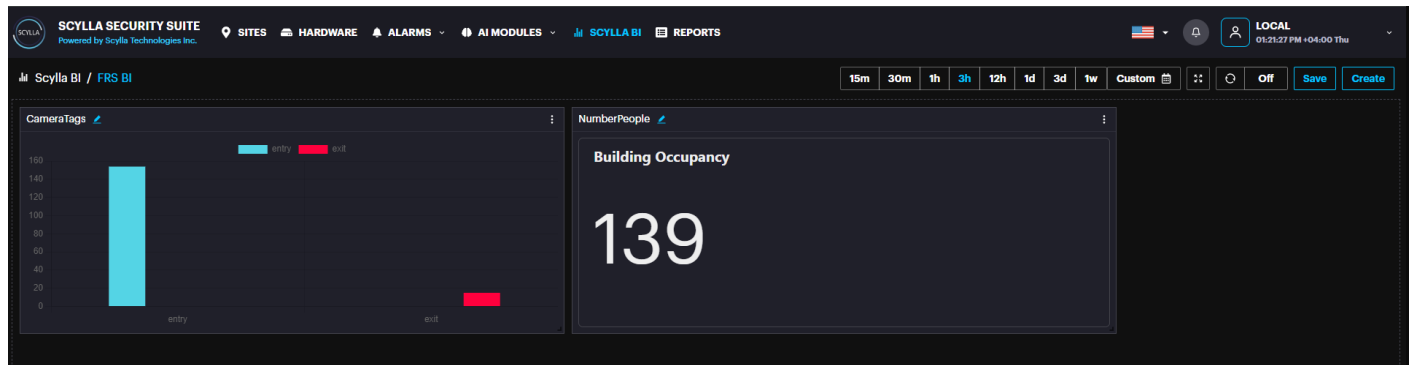
Options

Widget Type

Number

Save

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.

The 'Create Metric' dialog box is shown with a close button (X) in the top right corner. Under the heading 'SELECT METRIC TYPE', there are nine buttons arranged in a 3x3 grid. The 'Returning visitors' button is selected, indicated by a blue checkmark. The other buttons are: Peak hours, Count by tag, Building occupancy, Number by label, Number of unique visitors, Dwell time, Emotion distribution, and Emotion dispersion. A 'Next' button is located at the bottom right of the dialog.

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

Create Metric

Returning Visitors

15m30m1h3h12h1d3d1wCustom

2 / 5

Returning Visitors

Resource

Options

1 selected cameras
Clear

tech

	NAME	DEVICE TYPE	LAST ACTIVITY	STAGE	DATE
<input checked="" type="checkbox"/>	tech room	Live	no data	Active	01-25-2024 12:37:51 PM +04:00

Rows per page 10
1-1 of 1

Save

Go to the Options Tab to configure metric settings.

Create Metric

Returning Visitors

15m30m1h3h12h1d3d1wCustom

2 / 5

Returning Visitors

Resource

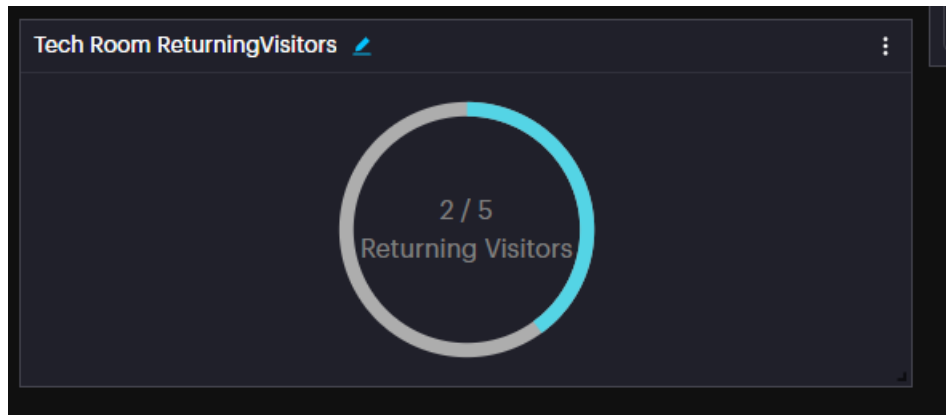
Options

Widget Type

Progress

Save

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

A screenshot of the "Edit Face" form in a facial recognition system. The form is divided into two main sections: a left sidebar for personal information and a right main area for tags, images, and document uploads. The left sidebar contains fields for "First Name" (Person1), "Last Name" (Person), "Labels" (VIP), "Age" (18-30), "Gender" (Male), and "Case Number / Information, Notes" (Case number / information, notes). The right main area includes a "Tags" section with a dropdown menu showing "Key" and "Value", an "Images" section with a "PRIMARY" image of a man's face, and an "Attach Document" section with an "Upload" button and a note "max - 1". A "Submit" button is located at the bottom right. A warning message at the top states: "Image for auto-enrolled faces is not subject to change".

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

Create Metric

SELECT METRIC TYPE

Peak hours

Count by tag

Building occupancy

Returning visitors

Number by label

Number of unique visitors

Dwell time

Emotion distribution

Emotion dispersion

Next

Select Number by label from the metric list and click **Next**.

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

Create Metric

Number By Label

15m

30m

1h

3h

12h

1d

3d

1w

Custom

Resource

Options

1 selected cameras [Clear](#)

tech

	NAME	DEVICE TYPE	LAST ACTIVITY	STAGE	DATE
<input checked="" type="checkbox"/>	tech room	Live	no data	Active	01-25-2024 12:37:51 PM +04:00

Rows per page 10 1-1 of 1

Save

Go to the Options tab to configure metric settings.

Number By Label

15m 30m 1h 3h 12h 1d 3d 1w Custom

1 / 5
VIP

Resource Options

Widget Type Label

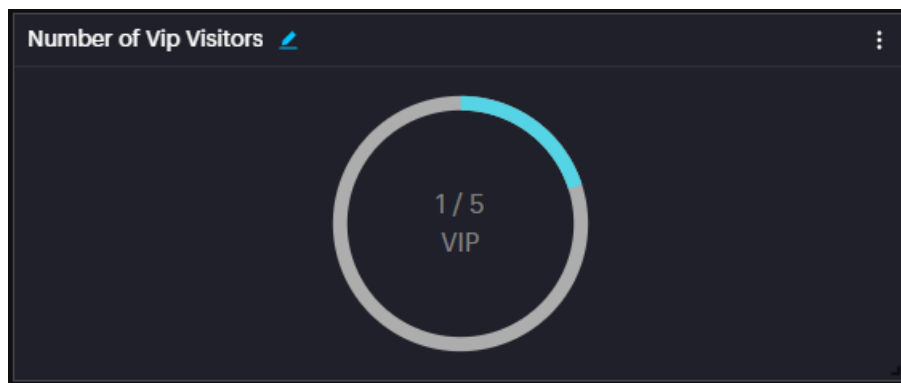
Progress VIP

Save

Widget Type: Progress or Number

Label: Label list already created in face database

Click **Save**.

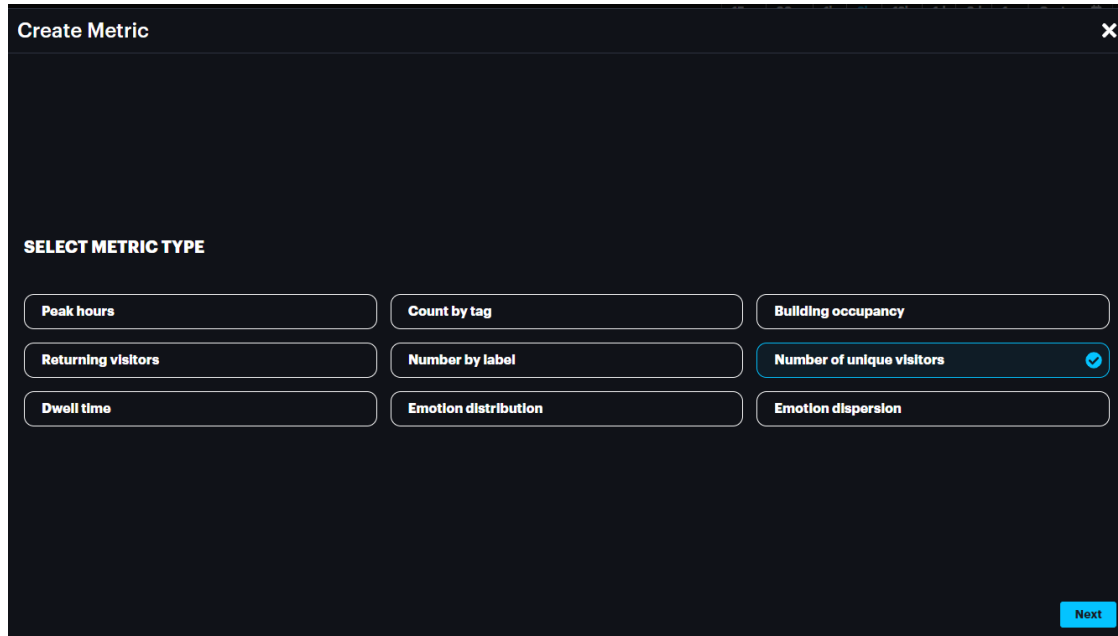


Number by Label metric widget is created on dashboard.

In the example above, out of 5 visitors to Tech room there is 1 VIP visitor.

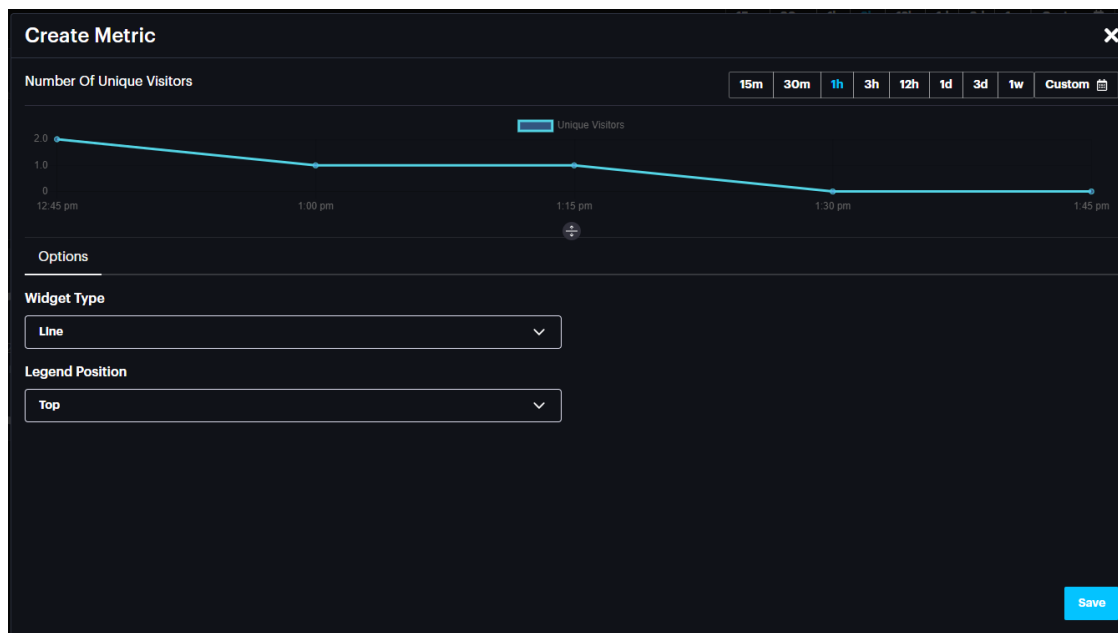
Number of Unique visitors

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



The 'Create Metric' dialog box features a 'SELECT METRIC TYPE' section with nine buttons arranged in a 3x3 grid. The buttons are: 'Peak hours', 'Count by tag', 'Building occupancy', 'Returning visitors', 'Number by label', 'Number of unique visitors' (which is highlighted with a blue border and a checkmark), 'Dwell time', 'Emotion distribution', and 'Emotion dispersion'. A 'Next' button is located at the bottom right of the dialog.

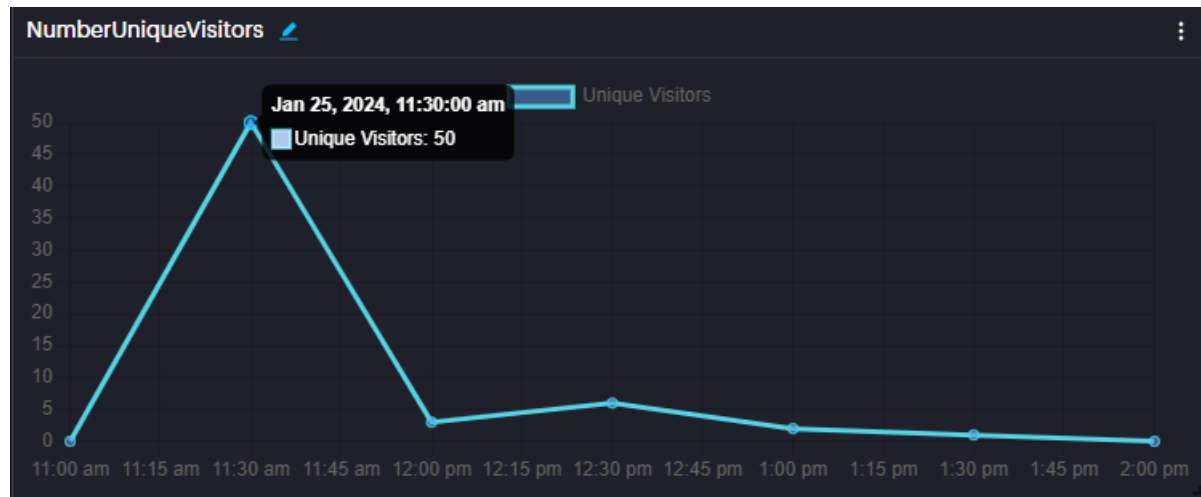
Select Number of unique visitors from the metric list and click **Next**.



Widget Type: Line

Legend Position: Top, bottom, left or Right

Click **Save**.



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

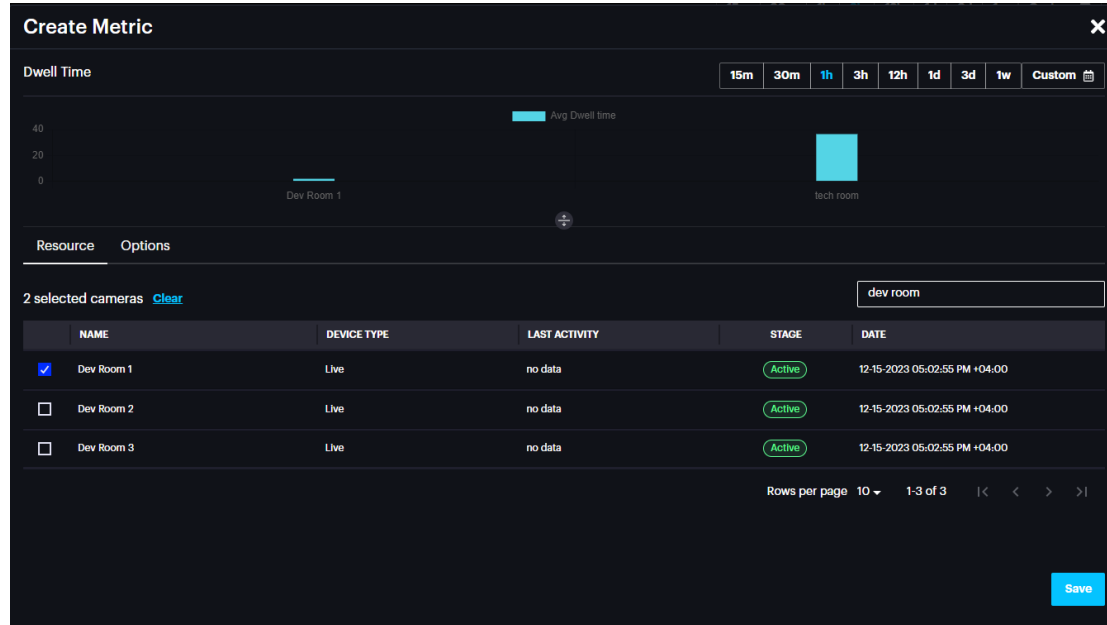
Dwell time

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**.

The 'Create Metric' dialog box is shown. It has a title bar with 'Create Metric' and a close button (X). Below the title bar is a section titled 'SELECT METRIC TYPE'. This section contains a grid of buttons for different metric types. The buttons are: 'Peak hours', 'Count by tag', 'Building occupancy', 'Returning visitors', 'Number by label', 'Number of unique visitors', 'Dwell time' (which is selected and has a blue checkmark), 'Emotion distribution', and 'Emotion dispersion'. At the bottom right of the dialog box is a blue button labeled 'Next'.

SELECT METRIC TYPE		
Peak hours	Count by tag	Building occupancy
Returning visitors	Number by label	Number of unique visitors
Dwell time <input checked="" type="checkbox"/>	Emotion distribution	Emotion dispersion

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



Go to the Options tab to configure the metric settings.

Create Metric

Dwell Time

15m 30m 1h 3h 12h 1d 3d 1w Custom

Avg Dwell time

Dev Room 1

tech room

Resource Options

Widget Type

Bar

Stat type

Avg

Legend Position

Top

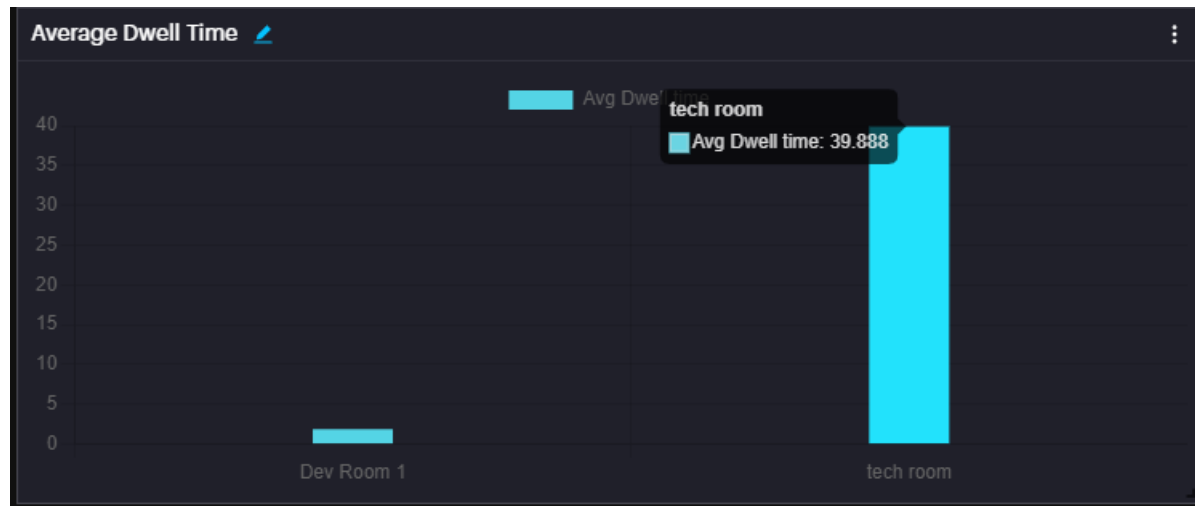
Save

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

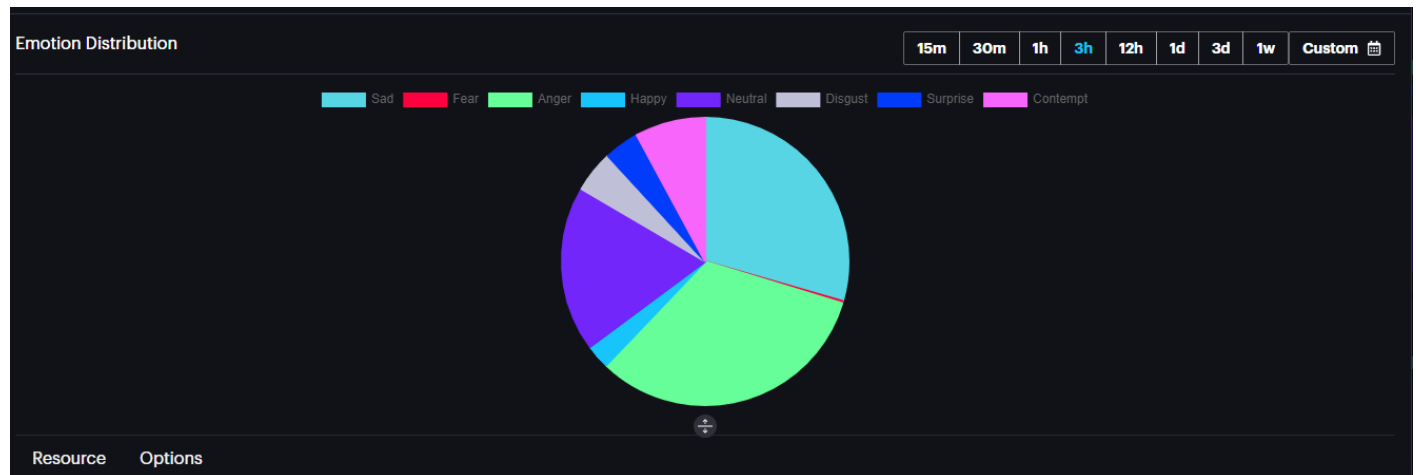
This metric displays different emotion count such as sad, fear, anger, happy, neutral, disgust, surprise and Contempt on a specific camera.

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

A 'Create Metric' dialog box with a close button (X) in the top right corner. Under the heading 'SELECT METRIC TYPE', there are nine buttons arranged in a 3x3 grid. The 'Emotion distribution' button is highlighted with a blue border and a blue checkmark icon. A 'Next' button is located at the bottom right of the dialog.

SELECT METRIC TYPE		
Peak hours	Count by tag	Building occupancy
Returning visitors	Number by label	Number of unique visitors
Dwell time	Emotion distribution <input checked="" type="checkbox"/>	Emotion dispersion

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



Go to the Options tab to configure metric settings.

Emotion Distribution

15m 30m 1h 3h 12h 1d 3d 1w Custom

Resource Options

Widget Type

Pie

Legend Position

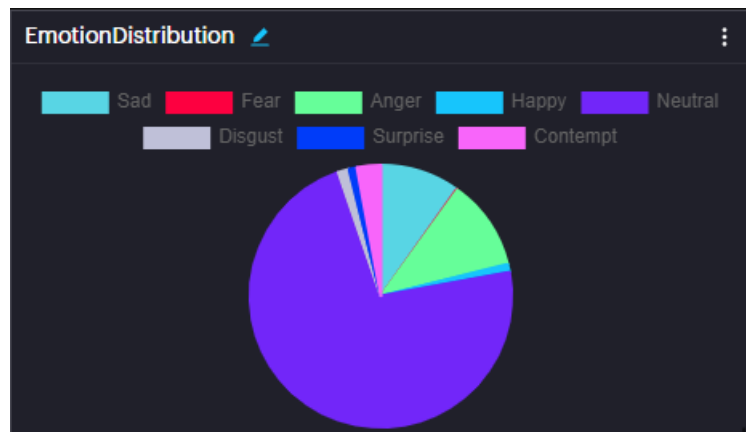
Top

Widget Type: Pie or Doughnut

Legend Position: Top, Bottom, Left or Right

Click **Save**.

Emotion distribution metric widget is created on the dashboard.



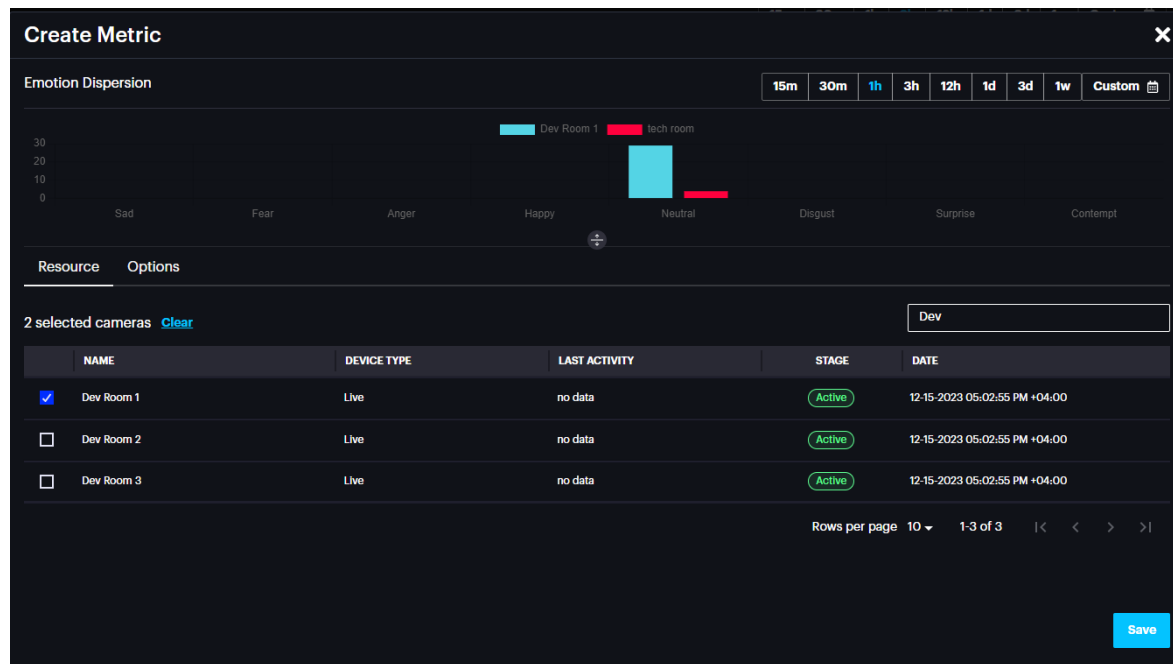
Emotion Dispersion

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**.

The figure shows a "Create Metric" dialog box with a close button (X) in the top right corner. Under the heading "SELECT METRIC TYPE", there is a grid of nine buttons. The buttons are arranged in three rows and three columns. The first row contains "Peak hours", "Count by tag", and "Building occupancy". The second row contains "Returning visitors", "Number by label", and "Number of unique visitors". The third row contains "Dwell time", "Emotion distribution", and "Emotion dispersion". The "Emotion dispersion" button is highlighted with a blue border and a blue checkmark icon, indicating it is the selected option. A "Next" button is located at the bottom right of the dialog box.

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



Go to the Options tab to configure the metric settings.

Create Metric

Emotion Dispersion

15m 30m 1h 3h 12h 1d 3d 1w Custom

Dev Room 1 Dev Room 2

30 20 10 0

Sad Fear Anger Happy Neutral Disgust Surprise Contempt

Resource Options

Widget Type

Bar

Legend Position

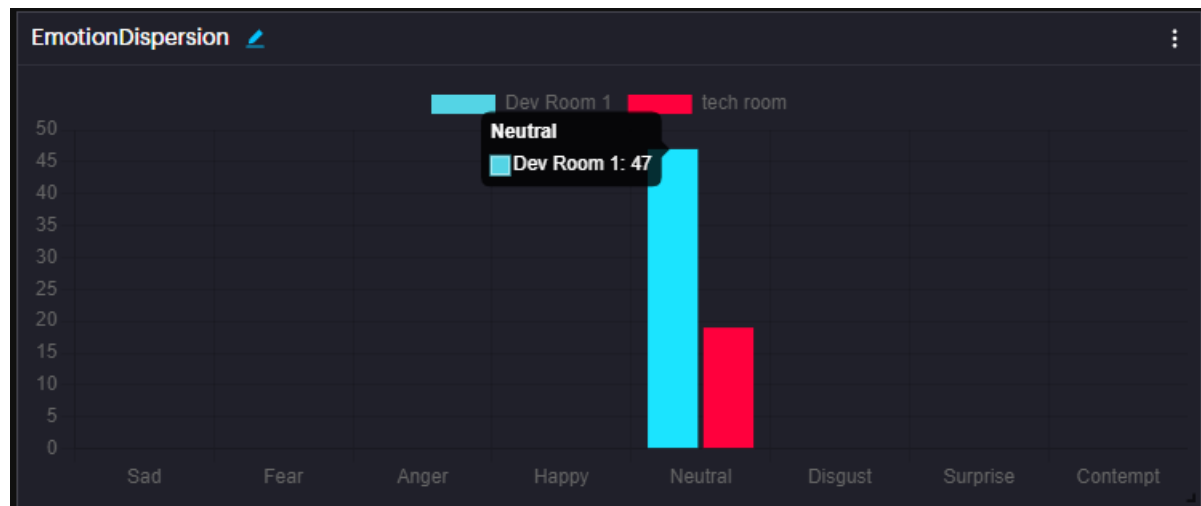
Top

Save

Widget Type: Bar

Legend Position: Top, Bottom, Left or Right

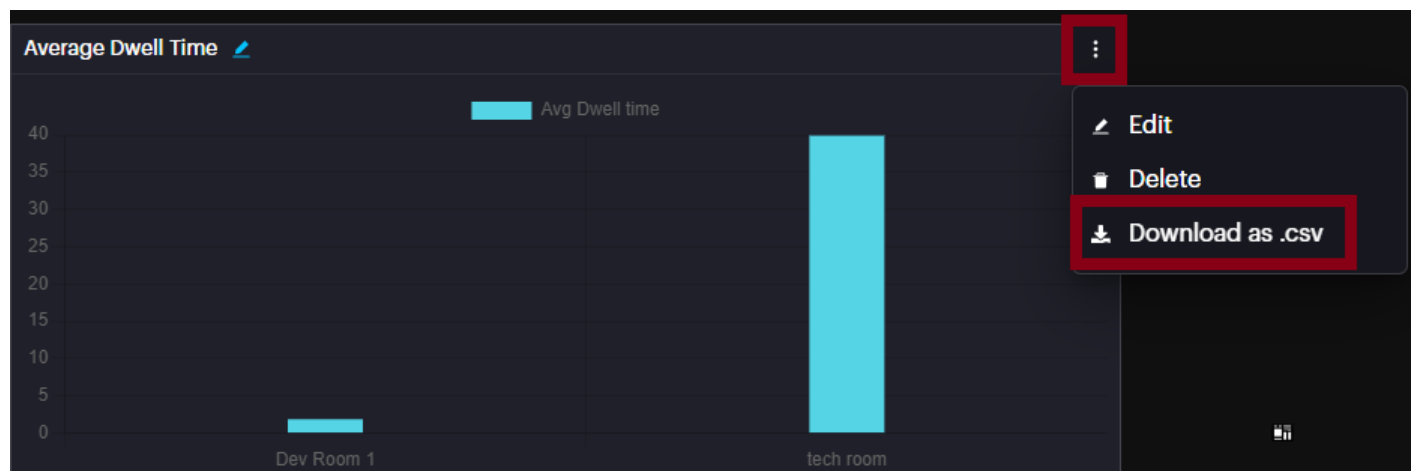
Click **Save**.



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.

Edit Metric

Dwell Time

15m30m1h3h12h1d3d1wCustom

Avg Dwell time

3210

Dev Room 1tech room

ResourceOptions

2 selected cameras [Clear](#)

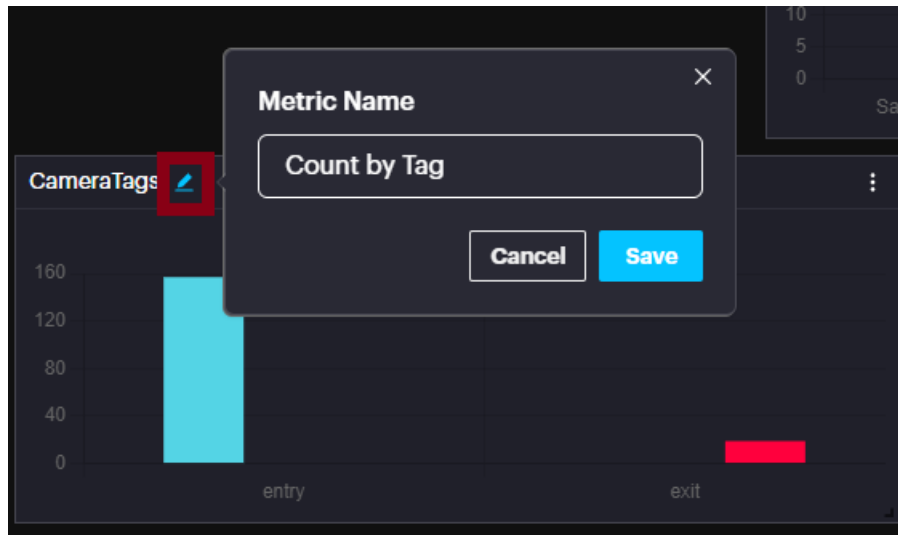
Search by name or ID


	NAME	DEVICE TYPE	LAST ACTIVITY	STAGE	DATE
<input checked="" type="checkbox"/>	tech room	Live	no data	Active	01-25-2024 12:37:51 PM +04:00
<input checked="" type="checkbox"/>	Dev Room 1	Live	no data	Active	12-15-2023 05:02:55 PM +04:00
<input type="checkbox"/>	Corridor 2	Live	no data	Active	01-22-2024 02:44:48 PM +04:00
<input type="checkbox"/>	blank1	Live	no data	Active	01-09-2024 11:35:41 AM +04:00
<input type="checkbox"/>	ids40	Live	no data	Active	12-19-2023 01:23:58 PM +04:00

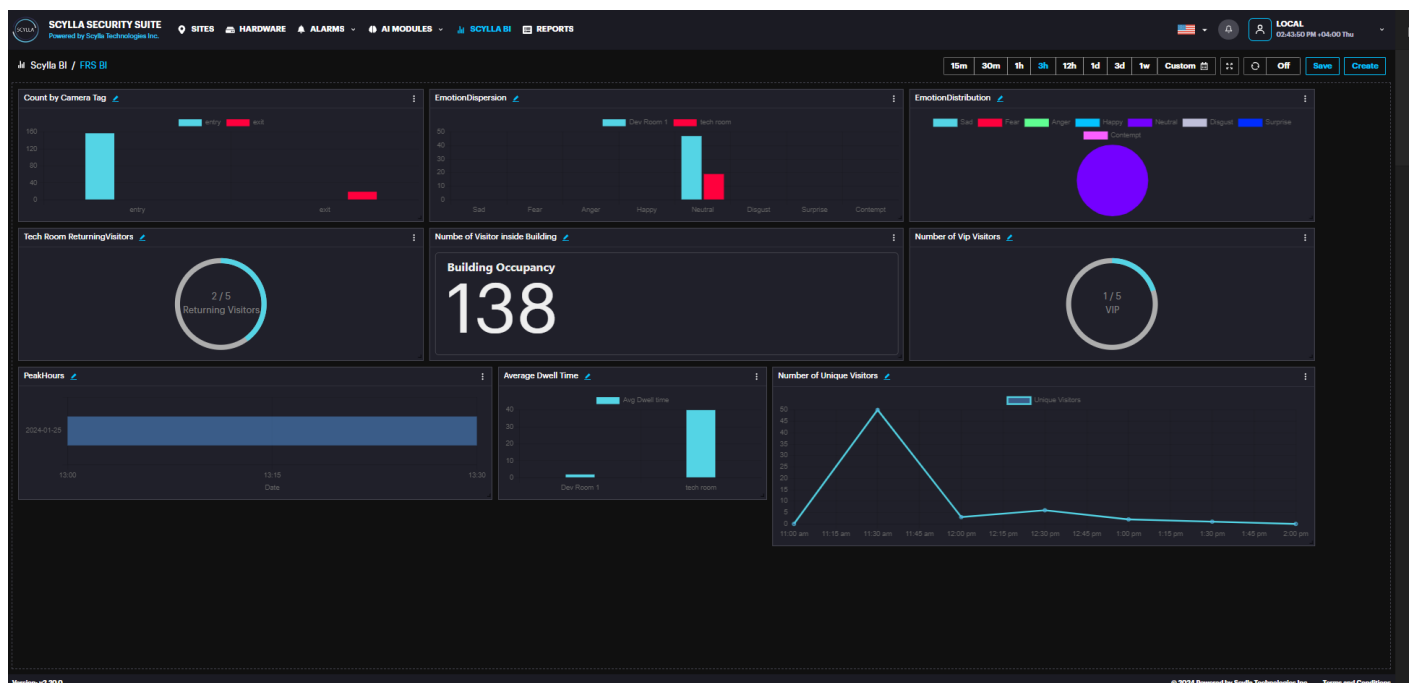
Save

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.

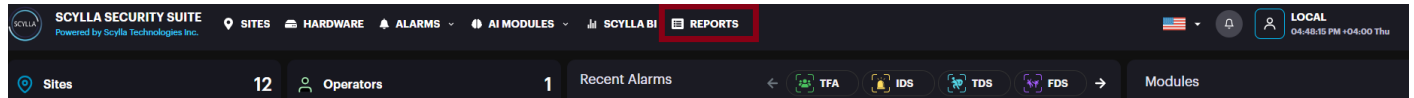


Click **Save** on the Top right corner to save the Dashboard.

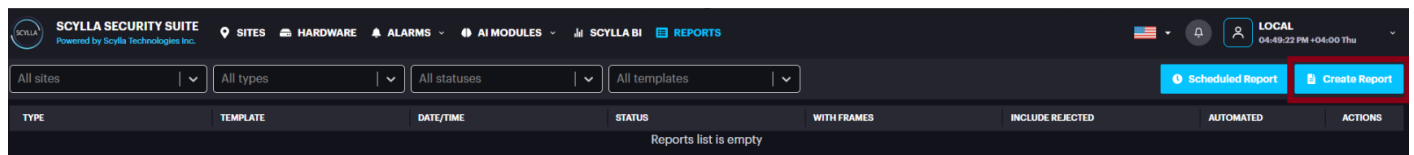
Report - Face Tracking

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.

The screenshot shows the "Create Report" window. It has a title bar with a close button (X). The main section is titled "Select when to run" and includes a subtitle: "You can generate a report only once by specifying a date range or create a job to get reports recurrently". There are two radio buttons: "Once" (selected) and "Recurrent". Below the radio buttons is a date range selector showing "25 Jan 16:50 +04 - 25 Jan 16:50 +04". The next section is titled "Settings" and includes a subtitle: "Specify settings for your report.". There are three dropdown menus: "Camera status", "All sites", and "Filter condition". At the bottom right, there is a "Submit" button.

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

Create Report

Select when to run

You can generate a report only once by specifying a date range or create a job to get reports recurrently

☒ Once

☐ Recurrent

25 Jan 16:50 +04 - 25 Jan 16:50 +04

Settings

Specify settings for your report.

Camera status

Camera Status

Face Tracking

Count By Site

Statuses Count

Alarm Breakdown


New Cameras Added

Bi Dashboard

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.



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[SITES](#)
[HARDWARE](#)
[ALARMS](#)
[AI MODULES](#)
[SCYLLA BI](#)
[REPORTS](#)

LOCAL
04:55:40 PM +04:00 Thu


All sites

All types

All statuses

All templates

[Scheduled report](#)
[Create Report](#)

TYPE	TEMPLATE	DATE/TIME	STATUS	WITH FRAMES	INCLUDE REJECTED	AUTOMATED	ACTIONS
CSV	Face Tracking	01-25-2024 04:55:41 PM +04:00	Done	No	No	No	

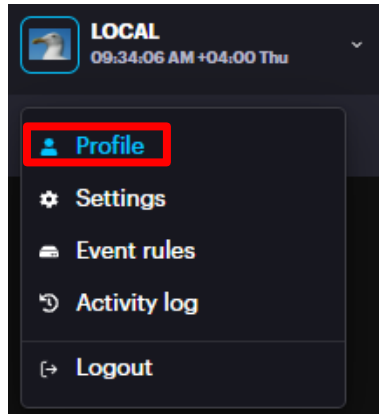
Rows per page 10
1-1 of 1

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

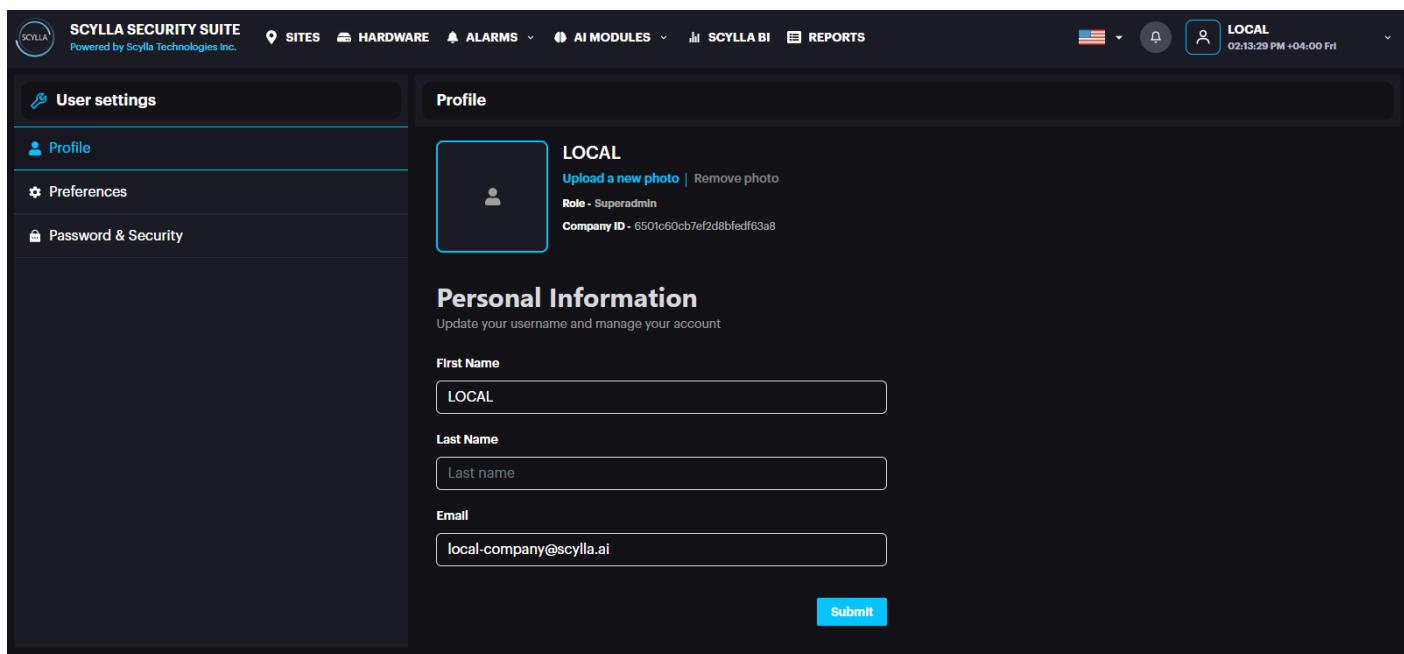
DateTime	Dwell Time	Camera Name	First Name	Last Name	Gender	Age	Person ID		
25.01.2024 07:40 AM +00:00 Europe/London	2.16	FRS1			male	31-50	960cea98-4eb5-455c-abd8-d004cfd7a511		
25.01.2024 07:40 AM +00:00 Europe/London	1.15	FRS1			female	31-50	4c7c7c58-dc98-40f6-8f2c-b0dbe73a6e63		
25.01.2024 07:40 AM +00:00 Europe/London	2.83	FRS1			male	18-30	ed5d5417-b427-400d-8b89-d026457e9ad		
25.01.2024 07:40 AM +00:00 Europe/London	1.36	FRS1			male	31-50	fd2f3e9c-433e-464a-bea9-475fc490c88e		

Profile

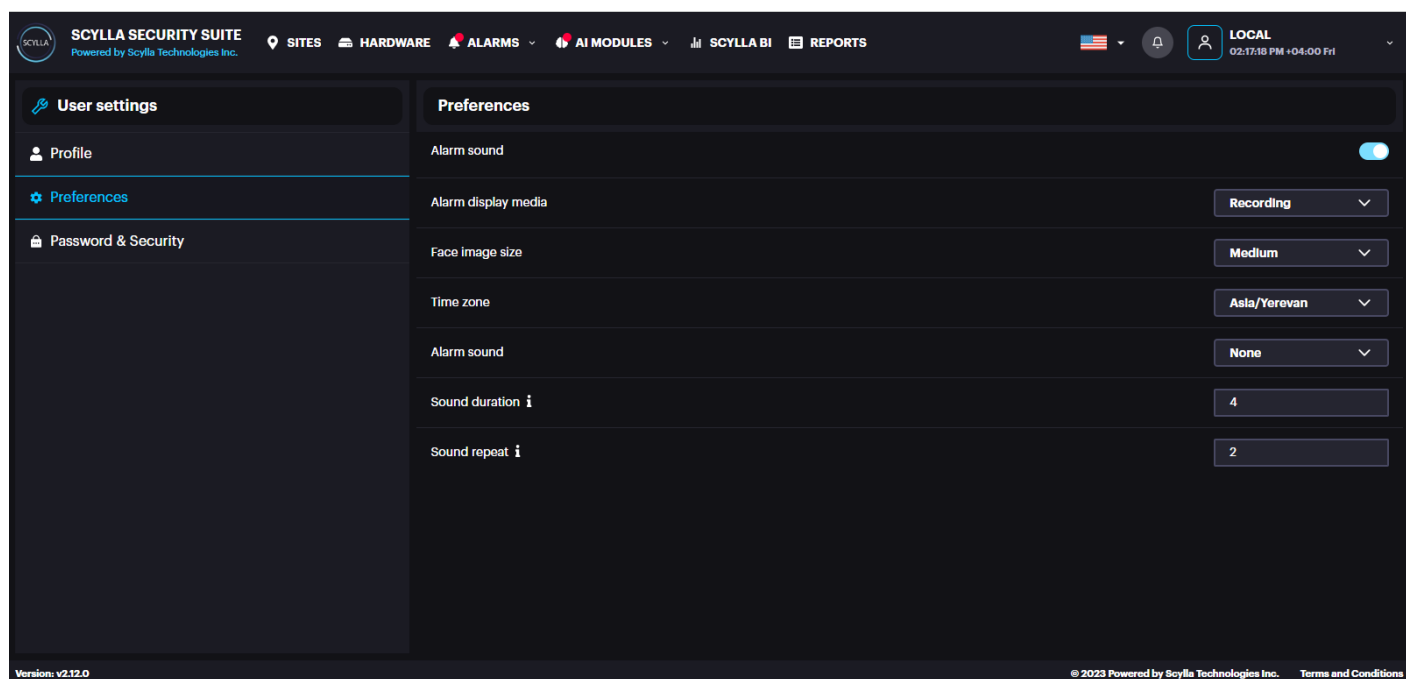
To open the **User Settings**, click on the username and click **Profile**



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**.

SCYLLA

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SITES

HARDWARE

ALARMS

AI MODULES

SCYLLA BI

REPORTS

🇺🇸

🔔

LOCAL
02:20:48 PM +04:00 Fri

User settings

Profile

Preferences

Password & Security

Password & Security

PASSWORD

Current Password

Current Password

New password

New password

- Must be at least 10 characters long.
- Must include at least one number
- Must include at least one non-alphanumeric character (!@#\$%^&*0_+~[]{}|)
- Must include at least one uppercase letter (A-Z)
- Must include at least one lowercase letter (a-z)

Confirm password

Confirm password

Must match the new password you entered

Save

SECURITY

☐ Enable Two Factor Authentication

Version: v2.12.0

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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

Password & Security

SECURITY

☒ Enable Two Factor Authentication

Step 1: Scan the QR Code using your third-party authenticator app or enter the key manually.



Or enter the key manually: **JVWHOUTFJDUEWZJ**

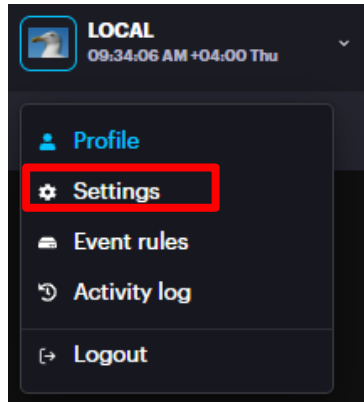
Step 2: Verify the configuration by entering the 6-digit code generated by the third-party authenticator app.

Enter the auth code

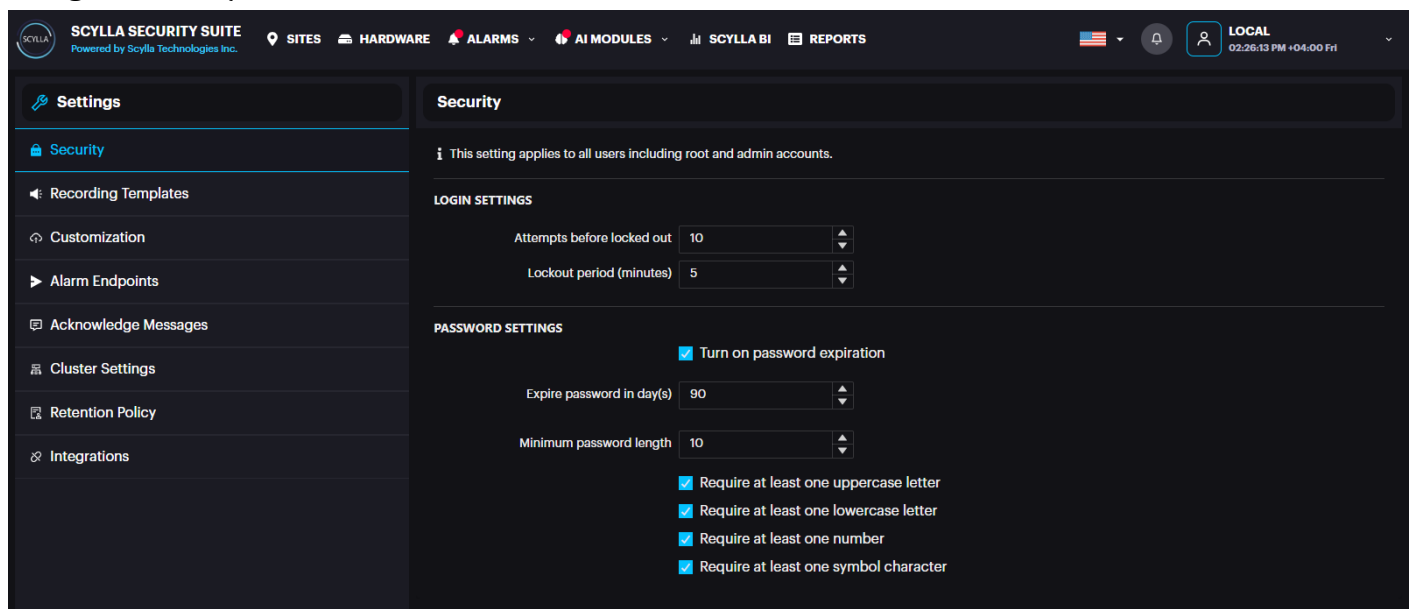
Verify

Settings

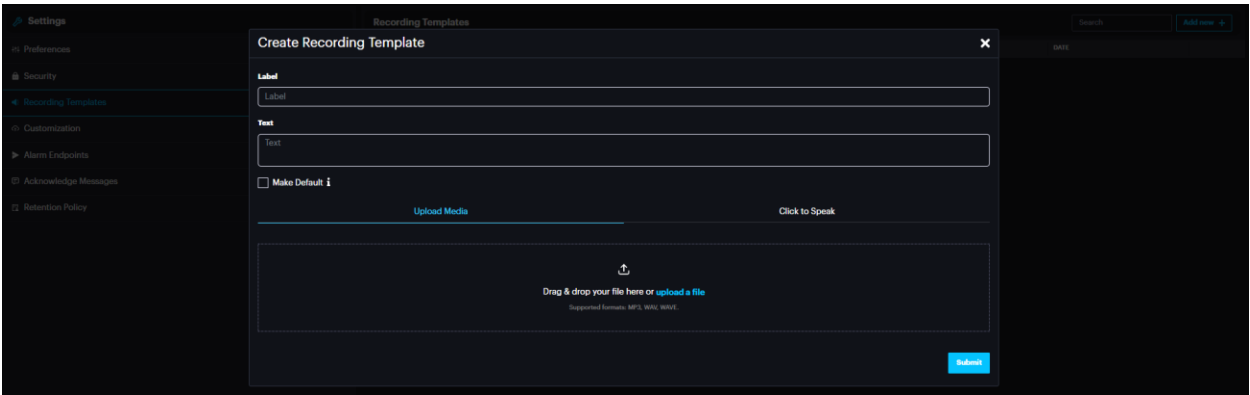
To open the **Settings** page, click on the username and click **Settings**.



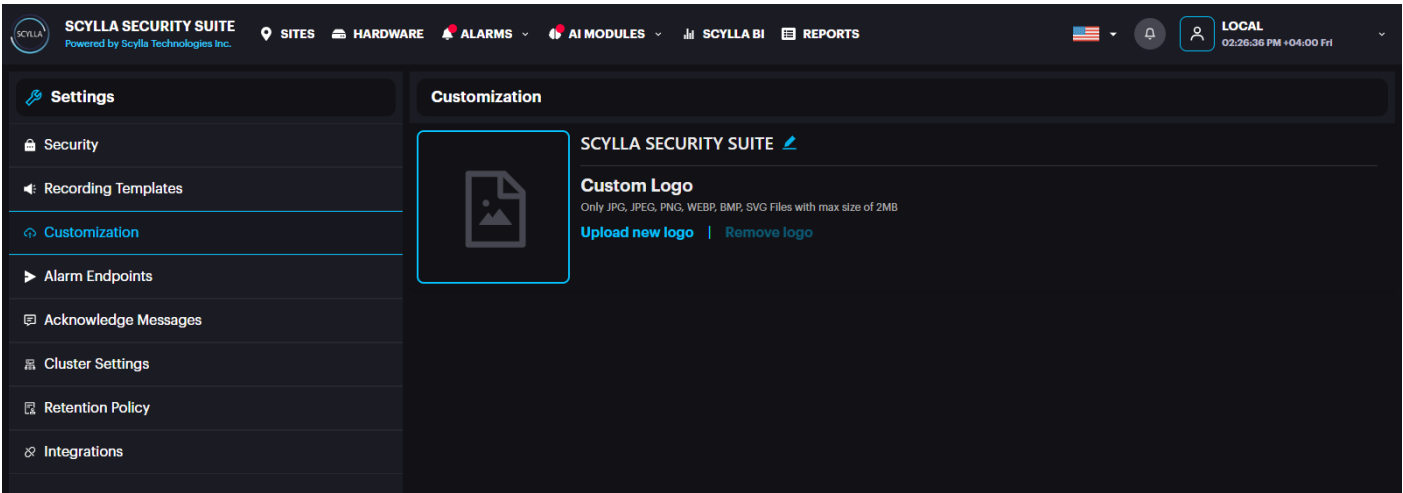
In the **Security** section, you can define **Login settings** such as Attempts before lockout & Lockout Period. You can also define **Password settings** such as Minimum password length and requirements.



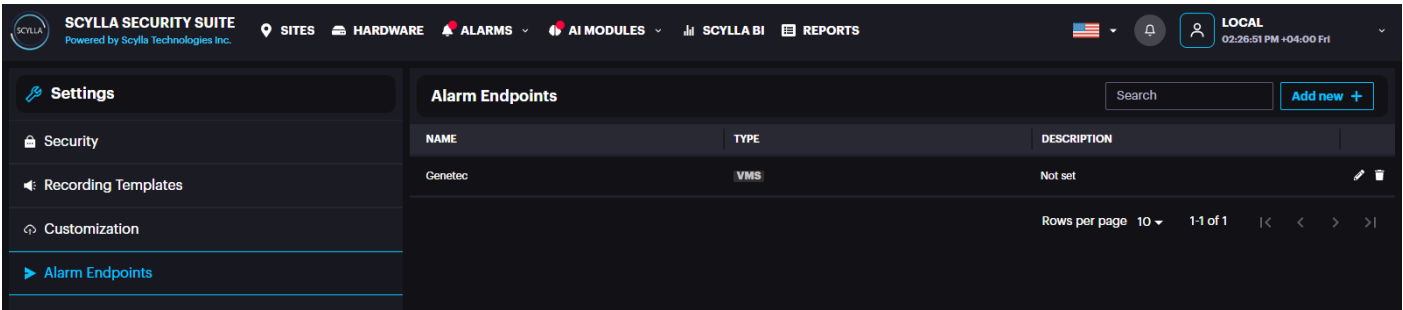
In the **Recording Templates** section, you can create recording templates by uploading Media (MP3, WAV, WAVE) or by recording from web browser using the Click to Speak.



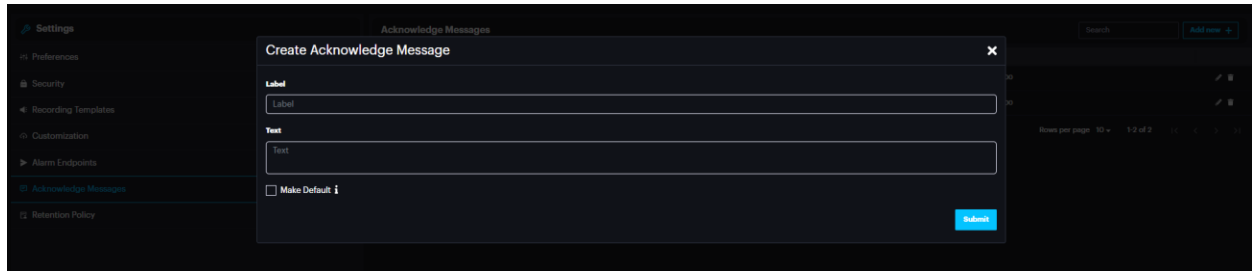
In the **Customization** section, you can upload logos (only JPEG, PNG, WEBP, BMP, SVG files with max size of 2MB).



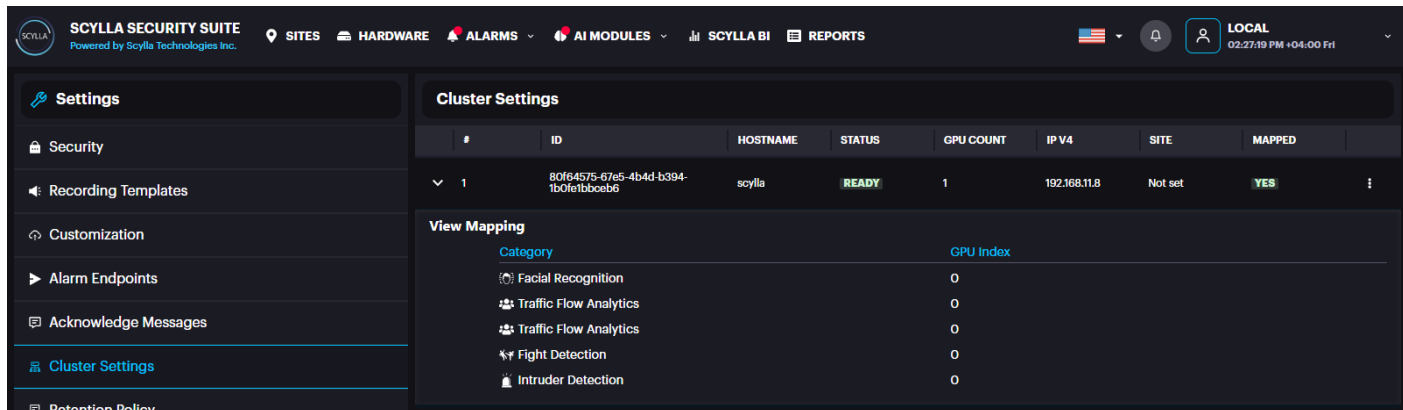
In the **Alarm Endpoints** section, you can create the endpoints (Command – http/tcp/udp , HTTP, SMTP, Scylla Cloud) which will later be selected as Action in the Event Rules.



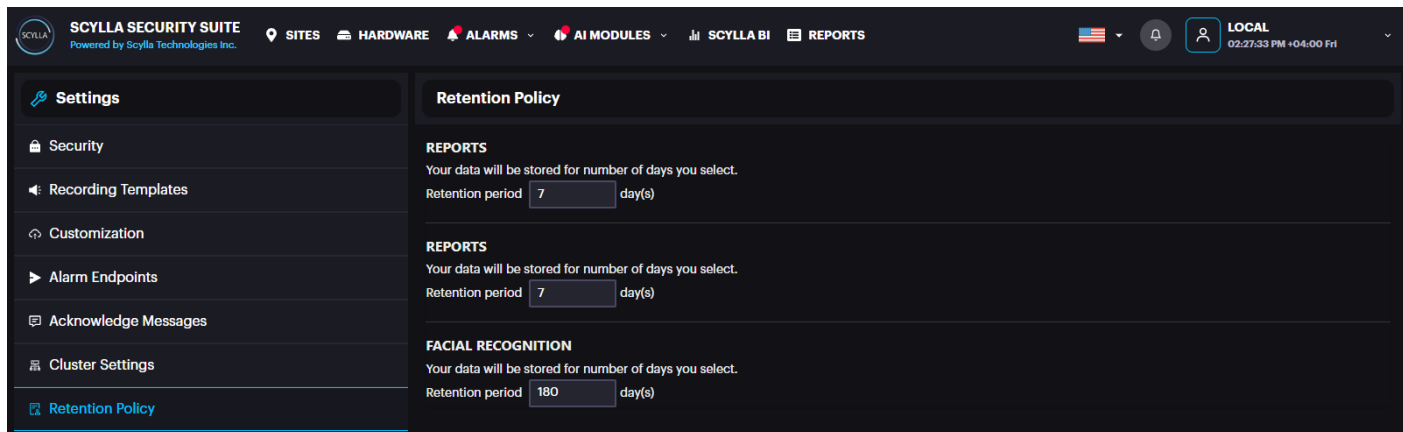
In the **Acknowledge Messages** section, you can create a predefined acknowledge message that can be selected by the operators when acknowledging an alarm.



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



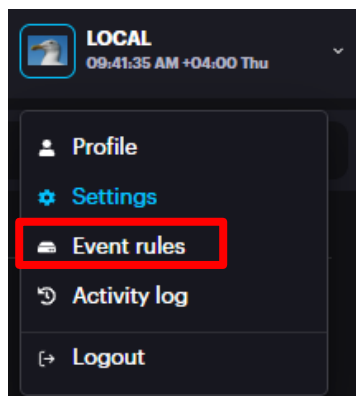
In the **Retention Policy** section, you can define the number of days your data will be stored.



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.

Event Rules

Name

Name

Event Type

Facial Recognition

Event Subtype

Multisite Visitor

Sites

All Sites

Schedule

Select Schedule

Description

Type some description

Action

Send Alarm

Time Range(Days)

1

Match Count

1

Interval

0

Unit

Seconds

Unique sites

☐

Priority

100

Save

Cancel

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.

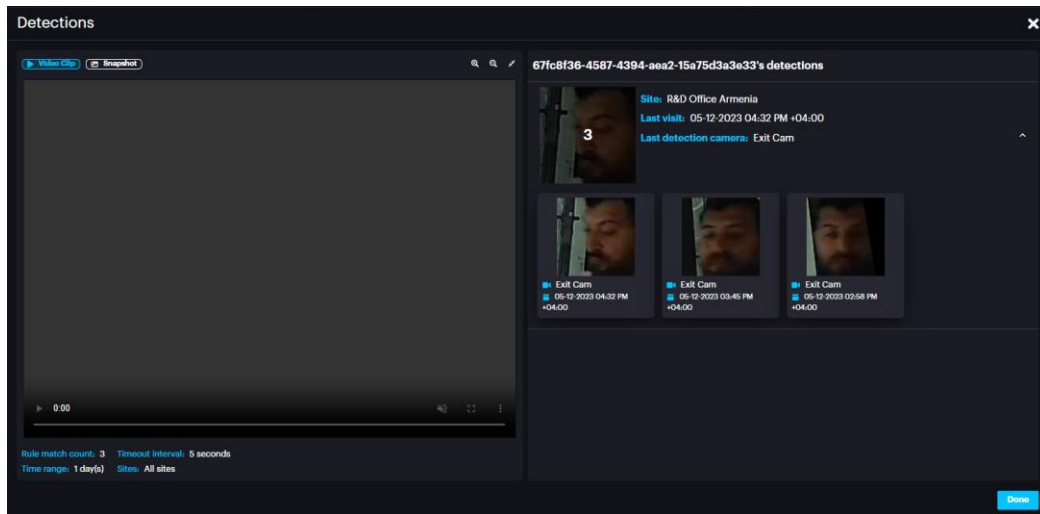
Interval: time between two consecutive face detections to be considered as count

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.

Event Rules

Name
Name

Event Type
Facial Recognition

Event Subtype
Underage Visitor

Sites
All Sites

Schedule
Select Schedule

Description
Type some description

Action
Send Alarm

Underage Alarm
18-30

Priority
100

Save **Cancel**

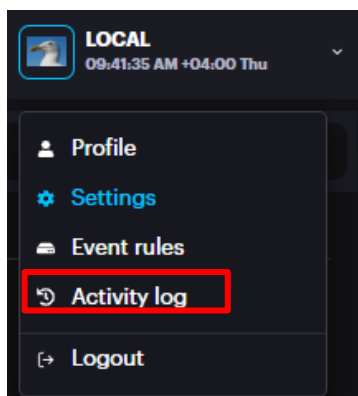
Watchlist

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**.

A screenshot of the 'Activity Log' page in the SCYLLA SECURITY SUITE. The page shows a table of activities with columns: USER, RESOURCE, VERSION, ACTION, and CREATED. The table lists several activities performed by the 'LOCAL' user, including creating and updating cameras and sites. A 'Compare Resources' button is visible in the top right corner.

USER	RESOURCE	VERSION	ACTION	CREATED
LOCAL	Camera [Test]	1	Create	04-12-2023 07:50 AM +04:00
LOCAL	Site [Test]	1	Create	04-12-2023 07:53 AM +04:00
LOCAL	Camera [Storage]	16	Update	04-12-2023 06:45 PM +04:00
LOCAL	Camera [Storage]	16	Update	04-12-2023 06:40 PM +04:00
LOCAL	Camera [Storage]	14	Update	04-12-2023 06:15 PM +04:00

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

A screenshot of the 'Activity Log' page, similar to the previous one, but with a red arrow pointing to the 'Compare' button in the 'Compare Resources' section. The 'Compare Resources' button is highlighted with a red rectangle.

USER	RESOURCE	VERSION	ACTION	CREATED
LOCAL	Camera [Test]	1	Create	04-12-2023 07:50 AM +04:00
LOCAL	Site [Test]	1	Create	04-12-2023 07:53 AM +04:00
LOCAL	Camera [Storage]	16	Update	04-12-2023 06:45 PM +04:00
LOCAL	Camera [Storage]	16	Update	04-12-2023 06:40 PM +04:00

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:305626sl.@192.168.11.249/streaming/channels/101

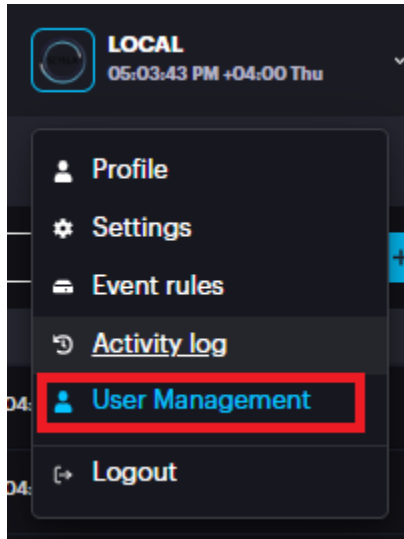
[Version 14 Updated by LOCAL]

04-12-2023 06:45 PM +04:00

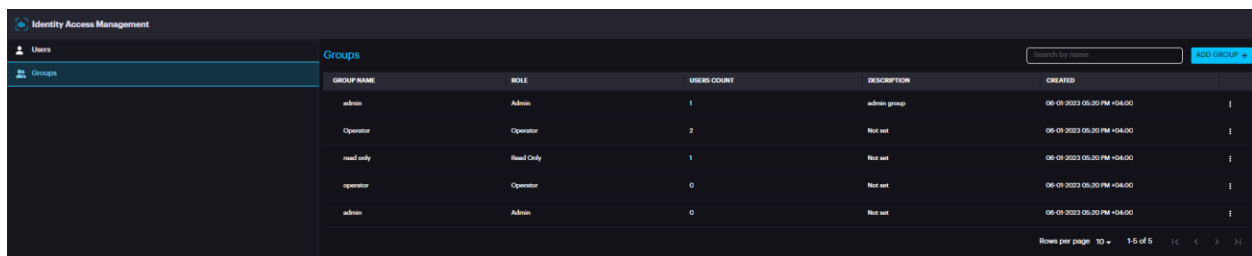
Resource	camera
Name	Storage
Description	Not set
Address	Not set
Onvif Port	80
Url	rtsp://admin:305626sl.@192.168.11.249/streaming/channels/101

User Management

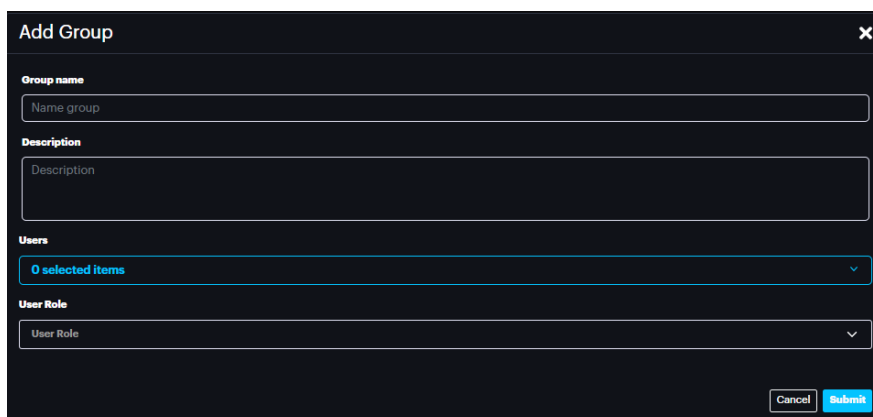
To create dashboard users and user groups, click on the username and click **User Management**.



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



Add Group window will pop up



A screenshot of the 'Add Group' modal form. The form has a title bar with a close button. It contains the following fields: 'Group name' (text input), 'Description' (text area), 'Users' (dropdown menu showing '0 selected items'), and 'User Role' (dropdown menu). At the bottom right, there are 'Cancel' and 'Submit' buttons.

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

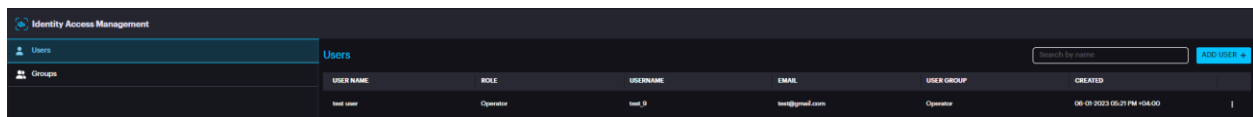
Admin has full permission

Operator has view, manage, export alarm permissions

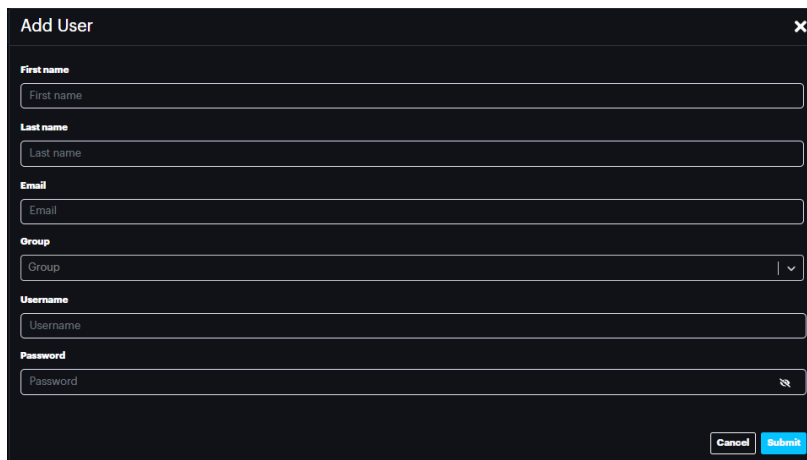
Read Only has only view permission

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.

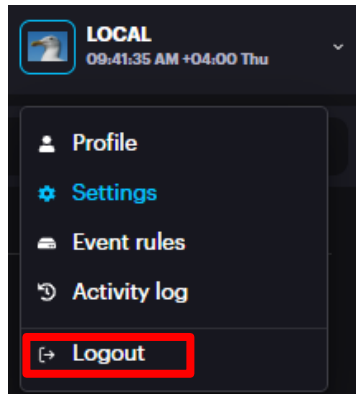
Select the Group the user belongs to.

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>.