



Feature Description Document

Understanding IXM Health



Purpose

This document outlines the process of understanding IXM Health in IXM WEB.

Applies to

TITAN	TFACE
All Devices with Enhancement Kit	All Devices

Description

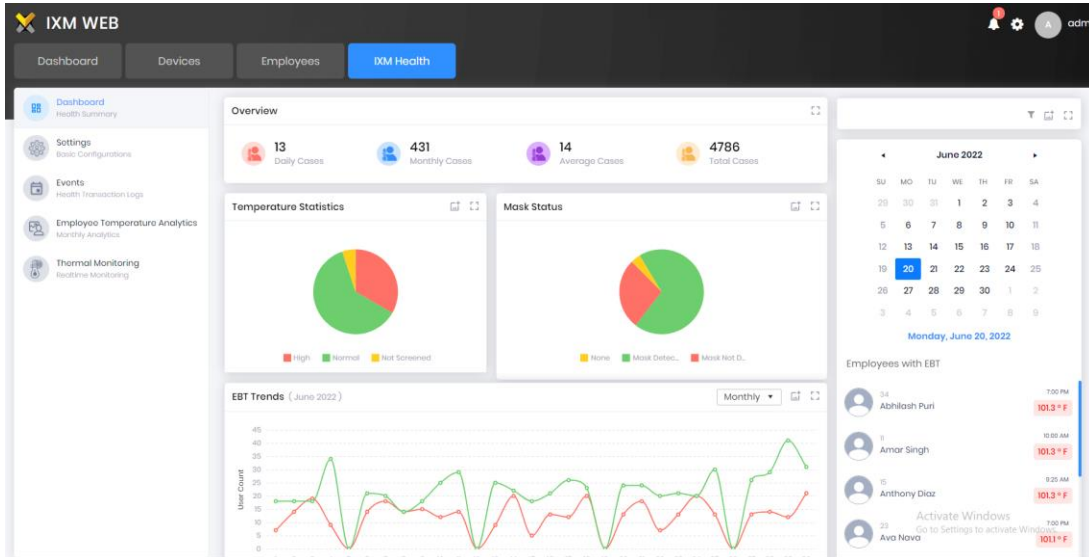
IXM Health is an IXM WEB module that monitors and records users' Elevated Body Temperature (EBT) and Attestation Questions events through dashboards and reports. IXM Health is visible in IXM WEB only when an Enhancement Kit is added to TITAN.

This FDD will describe IXM Health and its components, namely: Dashboard, EBT settings, Attestation Question settings, Notifications, EBT and AQ Events Viewer, Employee Temperature Analytics, and Thermal Monitoring.



IXM Health Dashboard

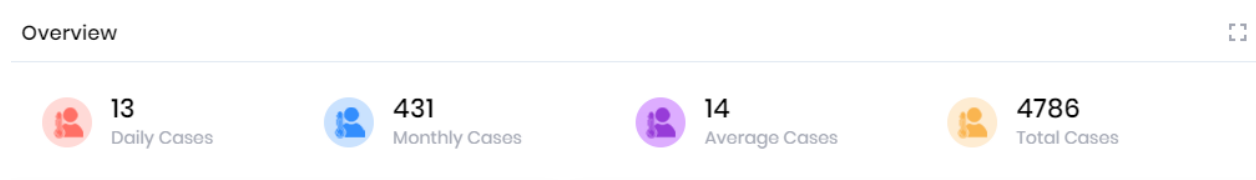
Click on the **IXM Health** tab to view the dashboard for monitoring users' **Elevated Body Temperature (EBT)** events. The **IXM Health** tab will be visible only if the user has TITAN with the Enhancement Kit or if the **IXM Health** license is activated.





1. **Overview** displays the following data on the dashboard:

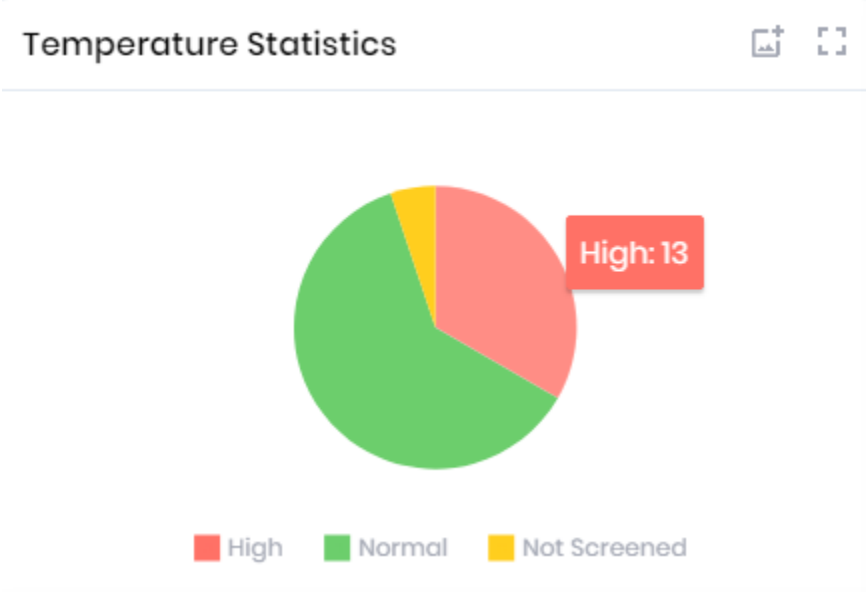
- **Daily Cases:** EBT detected employee count for the selected day.
- **Monthly Cases:** EBT detected employee count for the selected month.
- **Average Cases:** Average EBT detected employees per day. Distinct cases per number of days.
- **Total cases:** Total number of employees that have been detected with EBT.



2. Temperature Statistics

The daily statistics dashboard includes a pie chart of EBT readings, normal temperature readings, and not screened employees.

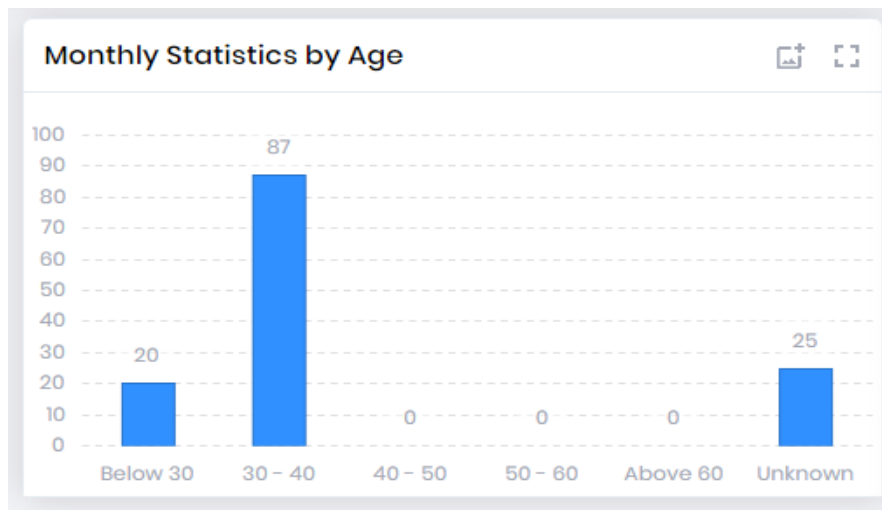
Not Screened: Employees entered the premises without temperature screening.



3. Monthly Statistics by Age

This section displays the number of employees with an EBT detected by age every month. The age range can be configured from the EBT settings.

This section will display on the dashboard when mask data is not available.





EBT detected employees will be visible with a hyperlink to the employee analytics screen.

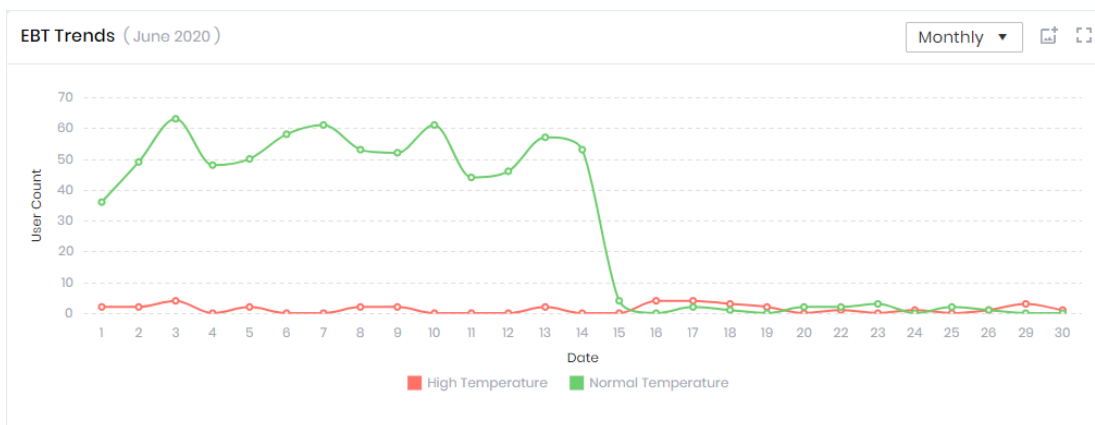
Employees with EBT

	34 Abhilash Puri	7:00 PM 101.3 ° F
	11 Amar Singh	10:00 AM 101.3 ° F
	15 Anthony Diaz	9:25 AM 101.3 ° F
	23 Ava Nava	7:00 PM 101.1 ° F

Activate Windows
Go to Settings to activate Windows.

4. EBT Trends

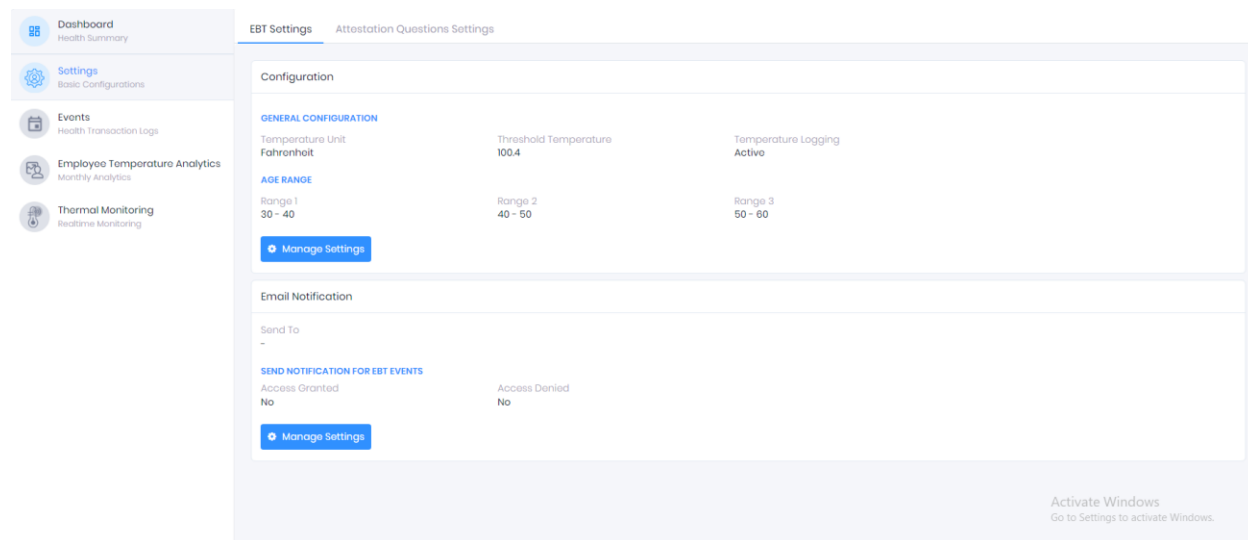
Users can view monthly or weekly EBT trends from the dashboard.





EBT Settings

1. To configure EBT Settings, click the **IXM Health** tab >> **Settings**. Users will see two tabs: **Basic Settings** and **Notification Settings**.



BASIC SETTINGS

The threshold value, unit of temperature and other basic configurations can be configured from EBT settings.

The list of settings along with their functions are:

- **Temperature Unit:** Celsius and Fahrenheit are the two temperature options supported by IXM WEB. By default, Fahrenheit is selected.
- **Threshold Temperature:** Users can set a threshold temperature for EBT screening. EBT workflows will trigger when a user presents with a temperature above the threshold. The default threshold temperature is 100.4 °F.



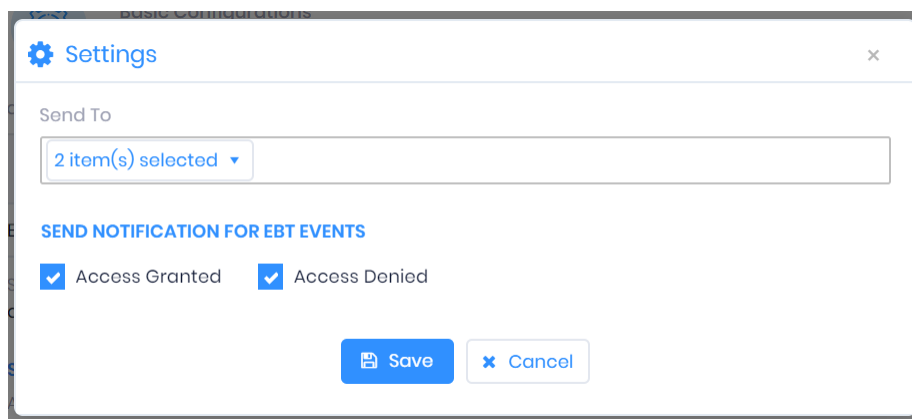
- **Temperature Logging:** The parameter will decide whether to store the end-user temperature reading in the transaction log or not. By default, this setting is enabled.

Note: Disabling temperature will have an impact on the IXM Health Dashboards, Reports, and Employee analytics.

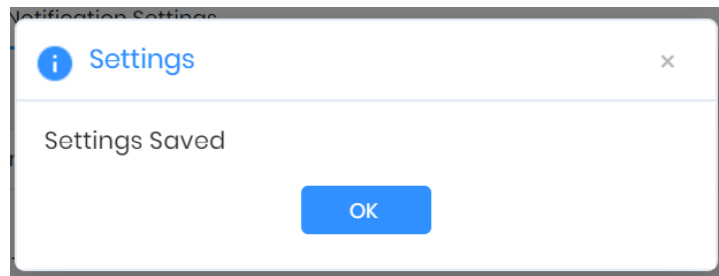
- **Age Range:** Users can define the age range used for IXM Health’s reports and dashboard. The default age ranges available in the IXM WEB are 30-40, 40-50, and 50-60.

Email Notifications

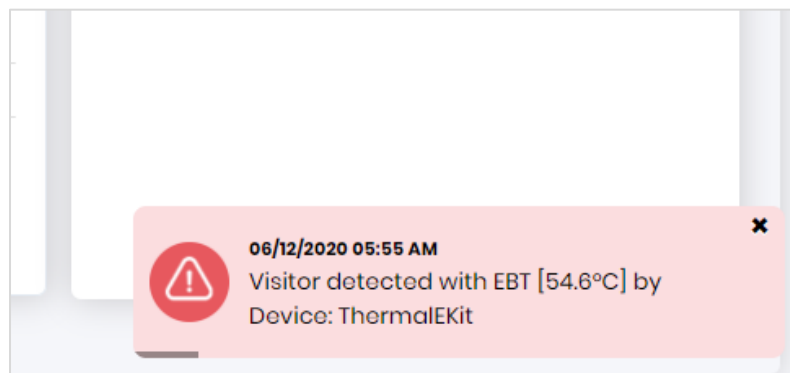
1. Users can provide an email address for notifications to be sent to as a result of EBT events in Notification Settings.
2. To apply the changes click **Manage Settings**.



3. Once necessary changes are applied, click **Save**.



- 4. In addition to email notifications, there will be snack bar notifications in the interface (snack bar notification has no relation to notification settings, Feature can be enabled/ disabled from general settings).



NOTE: Snack bar notifications will be available only for users who have access rights for IXM Health in IXM WEB.

Feature not recommended to enable on the desktop OS.



Attestation Questions Settings:

1. To Configure Attestation Question Settings, click the **IXM Health** tab >> **Settings**, you will be able to add, edit, delete and Translate Attestation Questions.

EBT Settings Attestation Questions Settings

Attestation Questions [+ Add](#) [Translate Question](#)

Question: Have you traveled outside the country within the last 14 days?
Answer: No [Delete](#)

Arabic: هل سافرت خارج الدولة خلال الـ 14 يومًا الماضية؟
French: Avez-vous voyagé à l'extérieur du pays au cours des 14 derniers jours ?
Spanish: ¿Ha viajado fuera del país en los últimos 14 días?

Question: Have you been asked to isolate or quarantine yourself within the last 14 days?
Answer: No [Delete](#)

Arabic: هل طلب منك عزل نفسك أو عزل نفسك خلال الـ 14 يومًا الماضية؟
French: Vous a-t-on demandé de vous isoler ou de vous mettre en quarantaine au cours des 14 derniers jours ?
Spanish: ¿Le han pedido que se aisle o se ponga en cuarentena en los últimos 14 días?

Question: Have you experienced fever, chills, cough, difficulty breathing or sore throat within the last 10 days?
Answer: No [Delete](#)

Arabic: هل عانيت من حمى أو قشعريرة أو سعال أو مسخربة في التنفس أو التهاب في الحلق خلال الأيام العشرة الماضية؟
French: Avez-vous eu de la fièvre, des frissons, de la toux, des difficultés respiratoires ou des maux de gorge au cours des 10 derniers jours ?
Spanish: ¿Ha tenido fiebre, escalofríos, tos, dificultad para respirar o dolor de garganta en los últimos 10 días?

Activate Windows
Go to Settings to activate Windows.

2. To send the Attestation Questions to the device click **Send to Device**.

EBT Settings Attestation Questions Settings

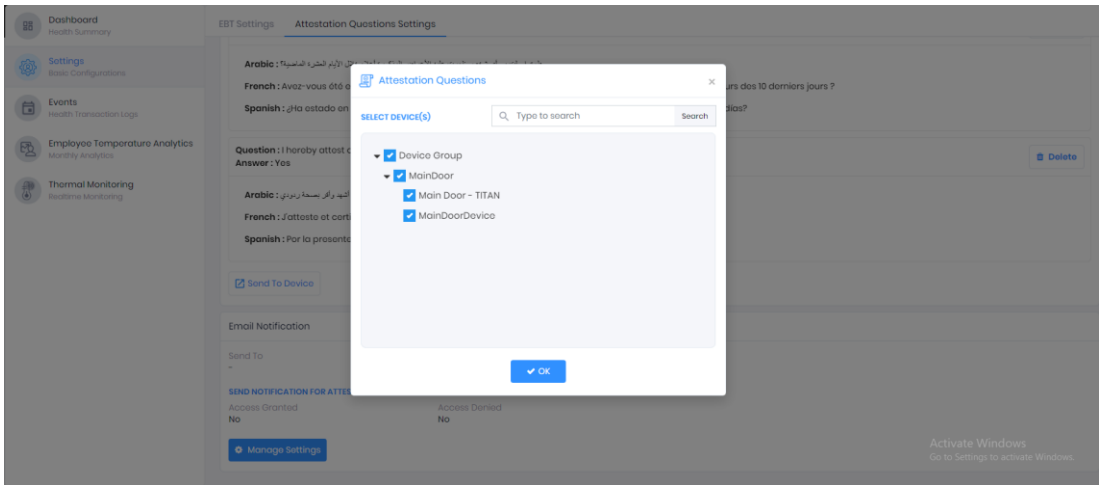
Arabic: هل توصلت مع أي شخص أظهرت عليه الأعراض المذكورة أعلاه خلال الأيام العشرة الماضية؟
French: Avez-vous été en contact avec une personne présentant les symptômes mentionnés ci-dessus au cours des 10 derniers jours ?
Spanish: ¿Ha estado en contacto con alguien con los síntomas mencionados anteriormente en los últimos 10 días?

Question: I hereby attest and certify that my responses are correct.
Answer: Yes [Delete](#)

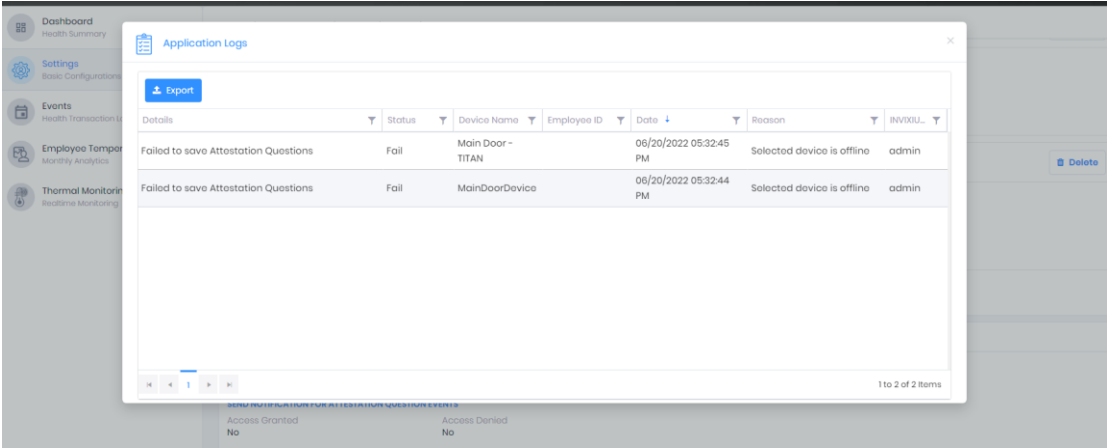
Arabic: أنا هنا أتدبر وأقر بصحة إجابتي.
French: J'atteste et certifie par la présente que mes réponses sont correctes.
Spanish: Por la presente doy fe y certifico que mis respuestas son correctas.

[Send To Device](#)

3. Select the device from the device list, and click on **OK**.



4. Application logs will display after the Attestation Questions are sent to the device.



5. Users can provide an email address for notifications to be sent to as a result of Attestation Question events in Notification Settings.

6. Email Notifications: Email needs to be added for email notifications.

A screenshot of a 'Settings' dialog box. At the top left is a gear icon and the word 'Settings'. At the top right is a close button 'x'. Below this is a 'Send To' section with a dropdown menu showing '1 item(s) selected'. Underneath is a section titled 'SEND NOTIFICATION FOR ATTESTATION QUESTION EVENTS' in blue. This section contains two checked checkboxes: 'Access Granted' and 'Access Denied'. At the bottom are two buttons: a blue 'Save' button with a floppy disk icon and a white 'Cancel' button with an 'x' icon.

Events

Users can view all the events that are triggered on the device during authentication. To view EBT Events users can click **IXM Health >> Events** from IXM WEB.

Users will have the following options on the EBT Events app:

1. **Export:** Users can export EBT and AQ events to a .csv file. Click **Export** and select the file path to save exported events.
2. **Delete:** Users will have the option to delete “Selected” or “All” EBT and AQ Events. Clicking on **Delete** will prompt the user to enter their password and click **Delete** to confirm.



EBT Events Attestation Question Event

Q Type to search Search Export Delete

Transaction Date	Employee ID	Employee Name	Location	Event Type	Event	Device Name	Temperature
12/30/2023 07:45 PM	30	Zara Malik		Authentication	Identified	b3d587d06a	101.3 ° F
12/30/2023 07:00 PM	11	Amar Singh		Authentication	Identified	b3d587d06a	101.3 ° F
12/30/2023 07:00 PM	10	Satish Parmar		Authentication	Identified	b3d587d06a	101.3 ° F
12/30/2023 07:00 PM	38	David Fortin		Authentication	Identified	b3d587d06a	101.1 ° F
12/30/2023 07:00 PM	17	Jayden Vargas		Authentication	Identified	b3d587d06a	101.1 ° F
12/30/2023 07:00 PM	21	Ashley Cruz		Authentication	Identified	b3d587d06a	100.9 ° F
12/30/2023 07:00 PM	41	Zoey Herrera		Authentication	Identified	b3d587d06a	100.9 ° F
12/30/2023 07:00 PM	49	Lucy Rosario		Authentication	Identified	b3d587d06a	101.3 ° F
12/30/2023 10:00 AM	43	Potar Roy		Authentication	Identified	b3d587d06a	101.1 ° F
12/30/2023 09:40 AM	42	Soha Bashir		Authentication	Failed to Verify	b3d587d06a	101.1 ° F
12/30/2023 09:25 AM	3	William Roy		Authentication	Identified	b3d587d06a	101.3 ° F
12/30/2023 09:25 AM	8	Rajosh Patel		Authentication	Identified	b3d587d06a	101.3 ° F
12/30/2023 09:25 AM	24	Emily Santos		Authentication	Identified	b3d587d06a	101.1 ° F

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EBT Events Attestation Question Event

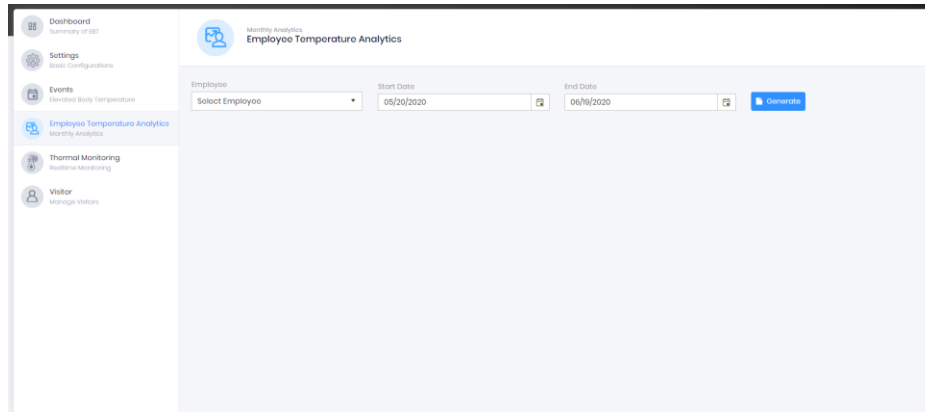
Q Type to search Search Export Delete

Transaction ID	Transaction Date	ID	Name	Event	Device Name	INVIXIUM ID	Date
▶ 341935	12/31/2023 09:41 AM	VIS202312318	Rajosh Patel	Failed to Identify	MainDoorDevice	ixmweb-dummy-AQ	12/31/2023 09:41 AM
▶ 341936	12/31/2023 09:41 AM	VIS202312319	Ibrahim Mohammed	Failed to Identify	MainDoorDevice	ixmweb-dummy-AQ	12/31/2023 09:41 AM
▶ 341938	12/31/2023 09:41 AM	VIS2023123110	Satish Parmar	Failed to Identify	MainDoorDevice	ixmweb-dummy-AQ	12/31/2023 09:41 AM
▶ 341939	12/31/2023 09:41 AM	VIS202312316	Kavita Shukla	Failed to Identify	MainDoorDevice	ixmweb-dummy-AQ	12/31/2023 09:41 AM
▶ 167333	12/30/2023 07:45 PM	48	Dhruv Sharma	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167348	12/30/2023 07:45 PM	24	Emily Santos	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167363	12/30/2023 07:45 PM	42	Soha Bashir	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167376	12/30/2023 07:45 PM	45	Zeyd Hussain	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167328	12/30/2023 07:45 PM	23	Ava Nava	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167343	12/30/2023 07:45 PM	30	Zara Malik	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167356	12/30/2023 07:45 PM	33	Dilip Shah	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167373	12/30/2023 07:45 PM	35	Catie Fedra	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM
▶ 167338	12/30/2023 07:45 PM	1	Vikram Ahuja	Identified	MainDoorDevice	ixmweb-dummy-AQ	12/30/2023 07:45 PM

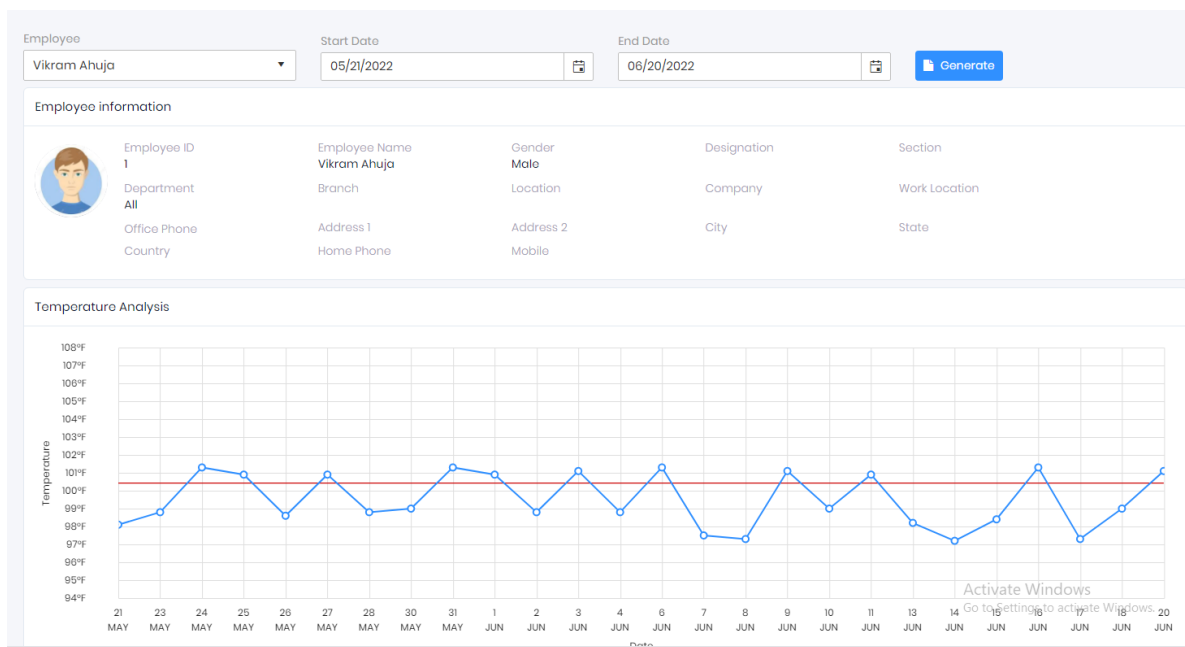
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Employee Temperature Analytics

1. Users can view temperature analytics for the selected user and the selected date range. To view Employee Temperature Analytics users can click **IXM Health** >> click **Employee Temperature Analytics** tab from IXM WEB.



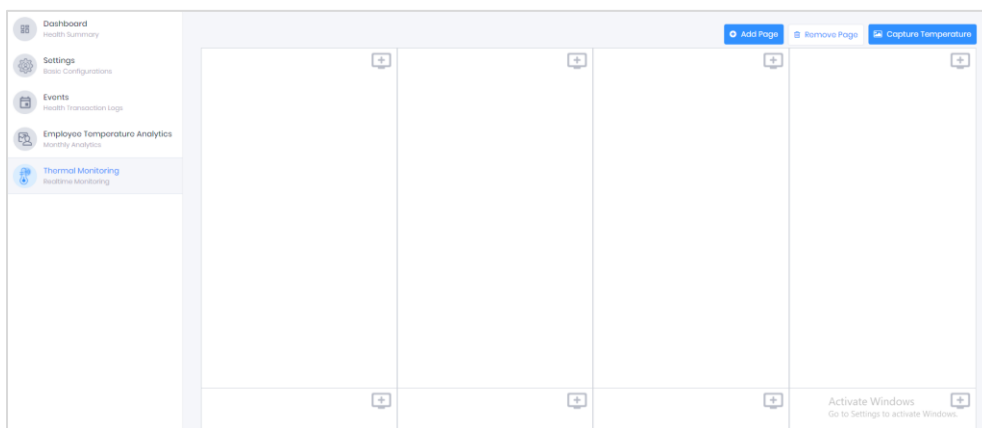
2. Select an employee from the dropdown list. By default, the date range will show 30 days selected as Start and End Date. Users can provide a different date range. Click **Generate** to view the employee's temperature analytics for the given time.



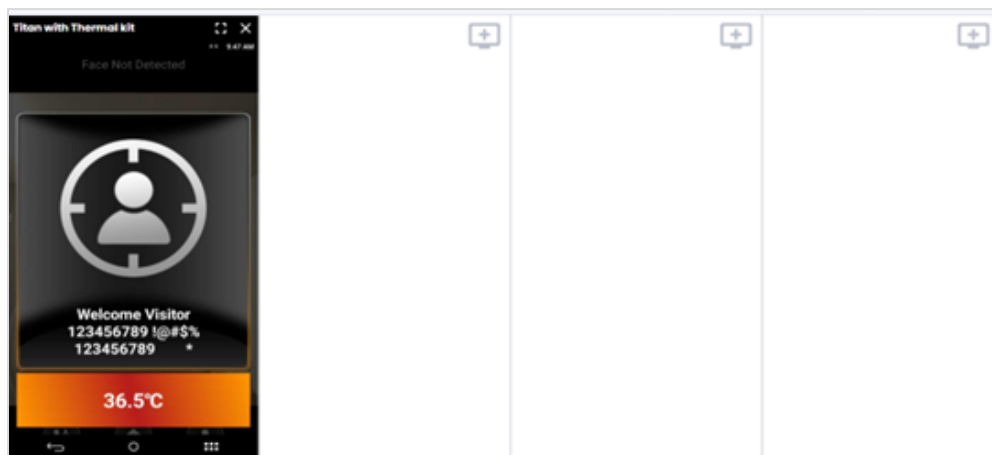
NOTE: Temperature Analytics will display the same temperature unit and threshold temperature value based on the values under the EBT Settings tab.

Thermal Monitoring

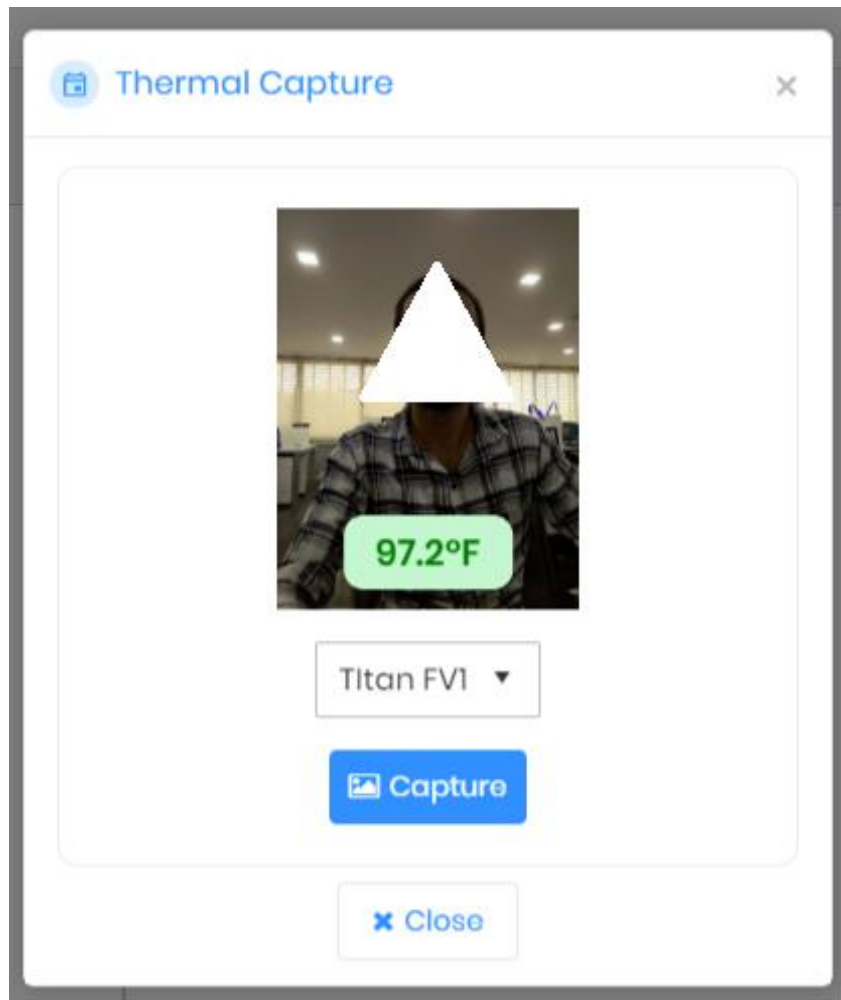
1. Users can monitor thermal capture events using IXM WEB. To view or monitor thermal capture, click **IXM Health >> Thermal Monitoring**.



2. Click the + icon to add a device used to monitor thermal capture events.



3. Click **Thermal Capture** to capture the temperature on demand. This captured information is not saved in the database.





IXM Health Reports

1. To view IXM Health Reports, Expand the **Left Navigation Panel** >> Click the **Reports** tab >> Click **IXM Health Reports**.

A screenshot of the IXM WEB application interface. The top navigation bar shows 'IXM WEB' and three tabs: 'Configuration', 'General Reports', and 'IXM Health Reports'. The 'IXM Health Reports' tab is active. Below the tabs, there is a form with the following fields: 'Select Report Type' (a dropdown menu with 'Attestation Questions Report' selected), 'From Date' (a date input field with '06/16/2022'), 'To Date' (a date input field with '06/16/2022'), and 'Source' (a dropdown menu with 'All' selected). Below these fields are three buttons: 'Apply Filter', 'Generate', and 'Send Email'.

2. Users can generate and view the following IXM Health Reports:

- Attestation Questions Report
- Attestation Question Summary
- EBT Summary Report
- Elevated Body Temperature Report
- Temperature Comparison Report
- Temperature Report
- Unattended Screening Report

3. The following are the samples of all IXM Health Reports.



Attestation Questions Report

Select Report Type: Attestation Questions Report | From Date: 06/16/2022 | To Date: 06/16/2022 | Source: All

Apply Filter | Generate | Send Email

1 of 34 | Export to selected format | Export

From: 06/16/2022 To: 06/16/2022 **Attestation Questions Report**

Sr No	Emp ID	Name	Designation	Department	Branch	Source	Status	Date Time
1	1	Vikram Ahuja		All		MainDoorDev	Approved	6/16/2022 9:25 AM

Sr No	Attestation Questions	Answer	User Answer
1	Have you traveled outside the country within the last 14 days?	No	No
2	Have you been asked to isolate or quarantine yourself within the last 14 days?	No	No
3	Have you experienced fever, chills, cough, difficulty breathing or sore throat within the last 10 days?	No	No
4	Have you experienced loss of smell or taste, congestion or runny nose, vomiting or diarrhea within the last 10 days?	No	No
5	Have you come in contact with anyone with symptoms mentioned above within the last 10 days?	No	No
6	I hereby attest and certify that my responses are correct.	Yes	Yes

Sr No	Emp ID	Name	Designation	Department	Branch	Source	Status	Date Time
2	10	Satish Parmar		Labour		MainDoorDev	Approved	6/16/2022 9:25 AM

Sr No	Attestation Questions	Answer	User Answer
1	Have you traveled outside the country within the last 14 days?	No	No
2	Have you been asked to isolate or quarantine yourself within the last 14 days?	No	No

Activate Windows
Go to Settings to activate Windows.

Attestation Summary Report

Select Report Type: Attestation Questions Summary | From Date: 06/16/2022 | To Date: 06/16/2022 | Source: All

Apply Filter | Generate | Send Email

1 of 6 | Export to selected format | Export

From: 06/16/2022 To: 06/16/2022 **Attestation Questions Summary**

Sr No	Emp ID	Name	Designation	Department	Branch	Source	Time	Status
6/16/2022								
1	10	Satish Parmar		Labour		MainDoorDevice	9:25 AM	Approved
2	10	Satish Parmar		Labour		MainDoorDevice	9:25 AM	Approved
3	14	Jacob Fortin		Labour		MainDoorDevice	9:25 AM	Approved
4	14	Jacob Fortin		Labour		MainDoorDevice	9:25 AM	Approved
5	17	Jayden Vargas		Labour		MainDoorDevice	9:25 AM	Approved
6	19	Olivia Arias		Labour		MainDoorDevice	9:25 AM	Approved
7	2	Ashly Patel		All		MainDoorDevice	9:25 AM	Approved
8	2	Ashly Patel		All		MainDoorDevice	9:25 AM	Approved
9	22	Mia Vargas		Labour		MainDoorDevice	9:25 AM	Approved
10	23	Ava Nava		Labour		MainDoorDevice	9:25 AM	Approved
11	41	Zsuzsanna		Sales		MainDoorDevice	9:25 AM	Approved
12	25	Elizabeth Patrick		Production		MainDoorDevice	9:25 AM	Approved
13	46	Chetan Chagra		Consultant		MainDoorDevice	9:25 AM	Approved
14	49	Lucy Rosario		Admin		MainDoorDevice	9:25 AM	Approved
16	49	Lucy Rosario		Admin		MainDoorDevice	9:25 AM	Approved
18	46	Chetan Chagra		Consultant		MainDoorDevice	9:25 AM	Approved
17	26	Samuel Montes		Production		MainDoorDevice	9:25 AM	Approved
18	26	Samuel Montes		Production		MainDoorDevice	9:25 AM	Approved
19	25	Elizabeth Patrick		Production		MainDoorDevice	9:25 AM	Approved
20	31	Anand Patel		Production		MainDoorDevice	9:25 AM	Approved
21	31	Anand Patel		Production		MainDoorDevice	9:25 AM	Approved
22	23	Ava Nava		Labour		MainDoorDevice	9:25 AM	Approved

Activate Windows
Go to Settings to activate Windows.



Elevated Body Temperature Report

Select Report Type: Elevated Body Temperature Report
 Month: June
 Year: 2022

Apply Filter | Generate | Send Email

1 of 2 | Export to selected format | Export

June 2022

Elevated Body Temperature Report

Sl No	Work Location	Branch	Employees with EBT																															
Emp ID	Name		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1	Vikram Ahuja		100.0	101.1							101.1										101.1													
10	Satish Parmar			100.0																														
11	Amar Singh																																	
12	Pamela Vargas																																	
13	Sheab Ali																																	
14	Jacob Fortin																																	
15	Anthony Diaz																																	
16	Ethan Cruz																																	
17	Joyden Vargas																																	
18	Ryan Nava																																	
19	Olivia Aulas																																	
2	Ashly Patel																																	
20	Sophia Diaz																																	
21	Ashley Cruz																																	
22	Mia Vargas																																	
23	Ava Nava																																	
24	Emily Santos																																	
25	Elizabeth Patrick																																	
26	Samuel Montes																																	



Temperature Comparison Report

Select Report Type: Temperature Comparison Report | From Date: 06/06/2022 | To Date: 06/06/2022 | Threshold Temperature: 100.4 °F | Include Low Temperature

Apply Filter | Generate | Send Email

1 of 1 | Export to selected format | Export

Emp ID	Name	Department	Location	Previous Temperature	Temperature
06/06/2022					
1	Vikram Ahuja	All	-	98.4 °F	101.3 °F
10	Satish Parmar	Labour	-	-	101.3 °F
16	Ethan Cruz	Labour	-	-	101.3 °F
29	Rakesh Seth	Production	-	101.3 °F	101.3 °F
32	Abhinav Patel	Production	-	-	101.3 °F
34	Abhilash Puri	Sales	-	-	101.1 °F
37	James Roy	Sales	-	100.0 °F	101.1 °F
44	Meera Pandit	Consultant	-	-	101.3 °F
47	Arjun Patel	Admin	-	98.0 °F	101.1 °F
49	Lucy Rosario	Admin	-	98.1 °F	100.9 °F
52	Lily Walter	Admin	-	-	101.3 °F
7	Jessica Wright	Labour	-	97.0 °F	100.9 °F
8	Rajesh Patel	Labour	-	-	101.3 °F

Activate Go to Settings



Temperature Report

Select Report Type: Temperature Report | From Date: 06/16/2022 | To Date: 06/16/2022 | Threshold Temperature: 100.4 °F | Include Low Temperature

Buttons: Apply Filter, Generate, Send Email

Page: 1 of 2 | Export to selected format | Export

Temperature Report

From: 06/16/2022 To: 06/16/2022
Temperature: 100.4 °F

Emp ID	Name	Department	Location		
1	Vikram Anuja	All	-		
Transaction Date	Transaction Time	IN / OUT	Device Name	Fkey	Temperature
6/16/2022	09:25:00	IN	MainDoorDevice	Check-IN	101.3 °F
6/16/2022	10:00:00	OUT	MainDoorDevice	Check-OUT	101.3 °F

Emp ID	Name	Department	Location		
10	Satish Parmar	Labour	-		
Transaction Date	Transaction Time	IN / OUT	Device Name	Fkey	Temperature
6/16/2022	09:25:00	IN	MainDoorDevice	Check-IN	101.3 °F
6/16/2022	10:35:00	OUT	MainDoorDevice	Check-OUT	100.9 °F

Emp ID	Name	Department	Location		
16	Ethan Cruz	Labour	-		
Transaction Date	Transaction Time	IN / OUT	Device Name	Fkey	Temperature
6/16/2022	10:25:00	IN	MainDoorDevice	Check-IN	101.3 °F

Emp ID	Name	Department	Location
29	Rakesh Seth	Production	-

Activate Windows
Go to Settings to activate Windows



Unattended Screening Report

Select Report Type: Unattended Screening Report

From Date: 05/01/2021 To Date: 06/16/2022 Include Low Temperature

[Generate](#) [Send Email](#)

1 of 30 | Export to selected format | Export

Unattended Screening Report

From: 05/01/2021 To: 06/16/2022

	Time 15:24:11	Date 5/1/2021		Time 15:24:11	Date 5/8/2021
	Device Name Main Door - TITAN	Temperature 101.3°F		Device Name Main Door - TITAN	Temperature 101.3°F
	Time 15:24:11	Date 5/2/2021		Time 15:24:11	Date 5/9/2021
	Device Name Main Door - TITAN	Temperature 101.3°F		Device Name Main Door - TITAN	Temperature 101.3°F
	Time 15:24:11	Date 5/3/2021		Time 15:24:11	Date 5/10/2021
	Device Name Main Door - TITAN	Temperature 101.3°F		Device Name Main Door - TITAN	Temperature 101.3°F
	Time 15:24:11	Date 5/4/2021		Time 15:24:11	Date 5/11/2021
	Device Name Main Door - TITAN	Temperature 101.3°F		Device Name Main Door - TITAN	Temperature 101.3°F

Activate
Go to Sett



Support

For more information relating to this Feature Description document, please contact us at support@invixium.com

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