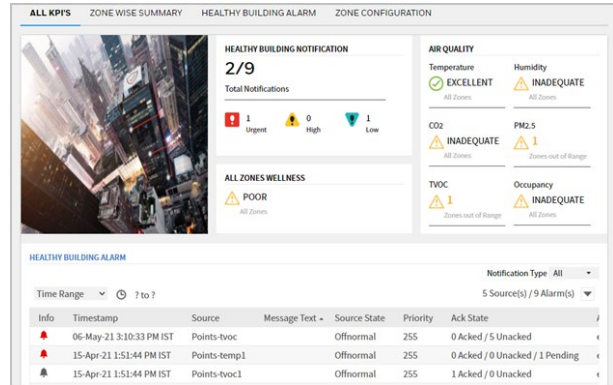


# Healthy Buildings Dashboard

## Healthy Buildings Dashboard



### Description

The Healthy Buildings Dashboard provides a score (Healthy Building Score) that enables the person responsible for a building to understand their building's Key Performance Indicators (KPIs). The following KPIs are used by Healthy Building Dashboard Temperature, CO2, Humidity, PM2.5, TVOC, and Occupancy in conjunction with sensor feedback values to calculate the Healthy Building Score.

The Healthy Building Score provides an indication of comfort level and environment safety of the building. Honeywell intelligent sensors, combined with powerful computing, evaluate live sensor output and historical data to provide real-time insights into the health of the building.

The Healthy Building Dashboard provides visibility of this information in a user friendly way. It provides visibility of the health of a portfolio/Region/Building and its underlying zones. This helps to the building manager understand issues in the building and prioritise corrective actions.

*Note: The Healthy Building score is computed at zone level.*

Healthy Building Dashboard can be used on IQVISION, TONN8 or IQX.

### Features

- Visibility of healthy building score information in a user friendly way.
- Calculation of Healthy Building Score for multiple KPI across multiple zones

## FUNCTIONALITY

Healthy Buildings Dashboard uses various KPIs and values from the BEMs to calculate the healthy building score. This score is presented visually providing insights into the building's health allowing the building manager to identify areas where the building comfort can be improved.

The dashboard consists of 4 tabs:

- ALL KPI'S
- ZONE WISE SUMMARY
- HEALTHY BUILDING ALARMS
- ZONE CONFIGURATION

### ALL KPI'S Tab

The screenshot shows the 'ALL KPI'S' tab with a notification summary (2/9 total, 1 Urgent, 0 High, 1 Low), air quality indicators (Temperature: EXCELLENT, Humidity: INADEQUATE, CO2: INADEQUATE, PM2.5: INADEQUATE, TVOC: INADEQUATE, Occupancy: INADEQUATE), and a table of recent alarms.

Time Range	Notification Type	Count
Urgent	High	Low

Info	Timestamp	Source	Message Text	Source State	Priority	Ack State
🔴	05-May-21 3:10:33 PM IST	Points-tvoc		Offnormal	255	0 Acked / 5 Unacked
🔴	15-Apr-21 1:51:44 PM IST	Points-temp1		Offnormal	255	0 Acked / 0 Unacked / 1 Pending
🔴	15-Apr-21 1:51:44 PM IST	Points-tvoc1		Offnormal	255	1 Acked / 0 Unacked

This tab is divided into several sections that indicate:

- The total number of active notifications out of total number of notifications raised. These notifications are classified as Urgent, High or Low.
- A summary of the Indoor Air Quality (IAQ) of the building based on the zones. Air quality is calculated using the Honeywell Standard Healthy Building Algorithm.
- The overall health status of the building.
- Alarms related to the KPI points.

### ZONE WISE SUMMARY

STATUS	ZONE	TEMP	HUM	CO2	PM2.5	TVOC	OCCUPANCY
GOOD	Z1	22.0°C	70.0 %RH	--	0.0 ug/m³	0 mg/m³	--
POOR	Z2	14.0°C	10.0 %RH	1200.0 ppm	0.0 ug/m³	0.1 mg/m³	--
GOOD	Z3	21.0°C	50.0 %RH	1200.0 ppm	0.05 ug/m³	0.8 mg/m³	--

This tab displays the Temperature (TEMP), Humidity (HUM), Carbon dioxide, (Co2), air pollutant (PM 2.5), Total Volatile Organic Compounds (TVOC) and Occupancy (OCC) parameters for each zone in a given facility. It also enables a graph of the KPIs to be viewed.

### HEALTHY BUILDING ALARMS Tab

The screenshot shows the 'HEALTHY BUILDING ALARMS' tab with a list of alarms and various control buttons like Acknowledge, Hyperlink, Notes, Silence, Filter, and Show Recurring.

Info	Timestamp	Source	Message Text	Source State	Priority	Ack State	Alarm Cl
<input type="checkbox"/>	19-Apr-21 10:30:02 AM IST	Points-newP		Offnormal	255	0 Acked / 1 Unacked	easyHea
<input type="checkbox"/>	14-Apr-21 5:37:50 PM IST	Points-temp		Offnormal	255	0 Acked / 1 Unacked	easyHea

This tab displays alarms related to the KPI points. It supports two type of alarm consoles:

- honAlarmConsole
- Niagara alarm console

### ZONE CONFIGURATION Tab

The screenshot shows the 'ZONE CONFIGURATION' tab with a 'CREATE ZONE' form and a 'ZONE MANAGER' table.

ZONE	STATUS	TEMPERAT...	HUMIDITY	CO2	PM2.5	TVOC	OCCUPANCY	ZONE WELL...	EDIT ZONE	DELETE ZONE
Z1	🔵	GOOD	GOOD	--	EXCELLENT	EXCELLENT	--	GOOD	✎	🗑
Z2	🔵	INADEQUATE	POOR	FAIR	EXCELLENT	GOOD	--	POOR	✎	🗑
Z3	🔵	EXCELLENT	EXCELLENT	FAIR	EXCELLENT	POOR	--	GOOD	✎	🗑

This tab is only available for Admin users. It enables Admin users to create a new zone, edit an existing zone, and delete a zone.

## ENGINEERING & ADMINISTRATION

### Licensing

A licence is required to use Healthy Buildings Dashboard in your IQVISION, TONN8 or IQX station.

The licence is based on the number of zones required to calculate the Healthy Building Score and the length of the licence.

The Healthy Buildings Dashboard comes with a trial license for 30-days. This trial feature is available only for one supervisor station and only five zones are considered for calculating the wellness. After completion of the 30-day trial, it will be necessary to purchase a licence to continue using Healthy Buildings Dashboard.

### Configuration

The configuration of Healthy Buildings Dashboard is performed using IQVISION.

### COMPATIBILITY

IQVISION v2.60 or greater  
TONN8 configured using IQVISION v2.60 or greater  
IQX configured using IQVISION v2.60 or greater.

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### INSTALLATION

The installation procedure involves downloading the necessary files and copying into the required folders on the IQVISION PC. Once installed Healthy Buildings Dashboard must be configured as described in the Healthy Buildings Dashboard Manual (TE201467).

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### ORDER CODES

The Healthy Buildings Dashboard comes with a 30 day trial license for one supervisor station and five zones. After the 30-day trial, it will be necessary to purchase a licence to continue using Healthy Buildings Dashboard.

<b>TR-HBDS1</b>	Healthy Buildings Dashboard with 2 zones 1 year
<b>TR-HBDM1</b>	Healthy Buildings Dashboard with 5 zones 1 year
<b>TR-HBDE1</b>	Healthy Buildings Dashboard with unlimited zones 1 year
<b>TR-HBDS3</b>	Healthy Buildings Dashboard with 2 zones 3 years
<b>TR-HBDM3</b>	Healthy Buildings Dashboard with 5 zones 3 years
<b>TR-HBDE3</b>	Healthy Buildings Dashboard with unlimited zones 3 years

## SPECIFICATIONS

### PLATFORM REQUIREMENTS

Healthy Buildings Dashboard is designed to run on:

- IQVISION v2.60 (or above);
- TONN8 (configured using IQVISION v2.60 or greater);
- IQX (configured using IQVISION v2.60 or greater).

An additional license is required to run Healthy Buildings Dashboard based on the number of points that need to be monitored (see Order Codes).

*Note: TONN8 and IQX also requires IQVISION to configure both itself and Healthy Buildings Dashboard.*

### PC HARDWARE REQUIREMENTS

The PC used to run the IQVISION software must meet the requirements given in the IQVISION Data Sheet (TA201381).

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