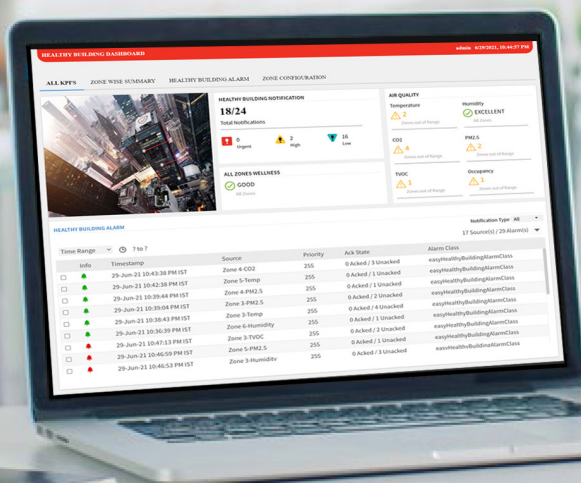


THE PROMISE OF A HEALTHY BUILDING

Advanced Monitoring Platform for Smart Buildings

WEBS N4
HEALTHY BUILDING DASHBOARD



Honeywell

TAKE BUILDING HEALTH TO THE NEXT LEVEL

Finding ways to create and manage healthier and safer buildings has become paramount. Honeywell building management systems go beyond energy efficiency to help support the health, comfort, confidence and productivity of occupants.

The Honeywell WEBs N4 Healthy Building Dashboard provides the ability to monitor the wellness of a building and its zones through intuitive graphic displays for building owners and occupants.

FEATURES AND BENEFITS



Designed to help building owners meet the latest ASHRAE guidelines and standards.



Help occupants to understand the building's health status.



Monitor and analyze building data using WEBs N4 platform (N4.10 and above).



Assist building owners to reassure occupants about the indoor environment.



Use wellness index analytics to take actions for a healthier building environment.



Use parameters and historic wellness data to improve building health.



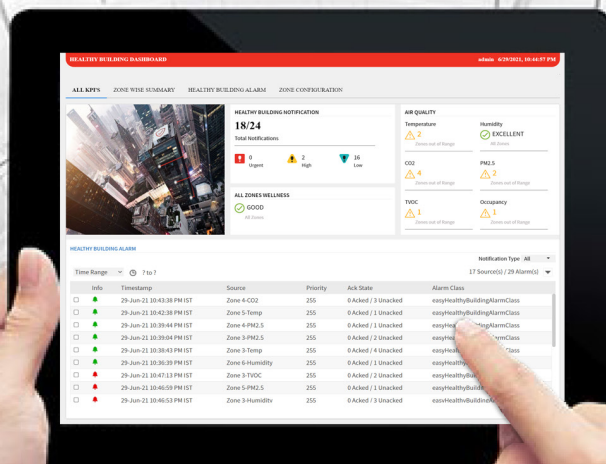
Based on HTML5 technology to allow users to view the dashboard in compatible web browsers.



Designed to use as a configurable solution with respect to sensors, inputs or desired theme.

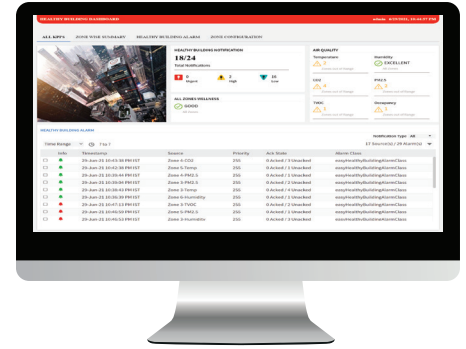


Gather inputs from multiple sensor output like temperature, humidity and CO₂.



KNOW IT'S SAFER SHOW IT'S SAFER

Honeywell's WEBs N4 Healthy Building Dashboard (HBD) is designed to use as a configurable tool to fit a building owner's specific needs. Clear graphic display information by zones to reassure occupants with visible, transparent data on the health of a building.



All KPIs: Designed to present an holistic view of all building zones divided into three boards

- 1) HBD notification summarizes all critical alarms across all configured zones
- 2) AIR QUALITY summary monitors sensor ranges against ASHRAE 62.1 recommended settings
- 3) Alarm summary details out active alarms

ZONE WISE SUMMARY: Provides a view on all configured zones and highlights air quality performance. Users can also navigate to logged data to understand the root cause of any anomaly. Data can be easily queried using a simple graphical interface and exported if required

HEALTHY BUILDING ALARM: Provides a detailed overview on all alarms across zones with specific failure-to-operate alarms so that building operators can understand the root cause of potential recurring issues impacting IAQ

ZONE CONFIGURATION: Accessible for users with admin rights and provides an easy and intuitive workflow to associate sensors to a zone. Zone can be enabled and disabled for maintenance purposes

HEALTHY BUILDING DASHBOARD

admin 6/29/2021, 10:44:57 PM

ALL KPI'S

ZONE WISE SUMMARY

HEALTHY BUILDING ALARM

ZONE CONFIGURATION

HEALTHY BUILDING NOTIFICATION

18/24

Total Notifications

0 Urgent

2 High

16 Low

ALL ZONES WELLNESS

GOOD

All Zones

AIR QUALITY

Temperature

2 Zones out of Range

Humidity

EXCELLENT

All Zones

CO2

4 Zones out of Range

PM2.5

2 Zones out of Range

TVOC

1 Zones out of Range

Occupancy

1 Zones out of Range

HEALTHY BUILDING ALARM

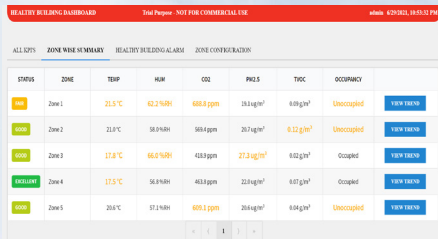
Time Range

Notification Type All

17 Source(s) / 29 Alarm(s)

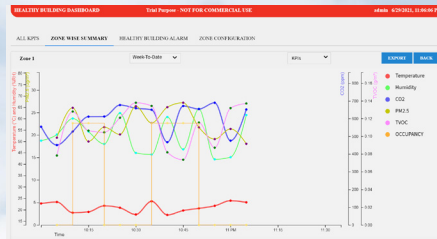
Info	Timestamp	Source	Priority	Ack State	Alarm Class
☐	29-Jun-21 10:43:38 PM IST	Zone 4-CO2	255	0 Acked / 3 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:42:38 PM IST	Zone 5-Temp	255	0 Acked / 1 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:39:44 PM IST	Zone 4-PM2.5	255	0 Acked / 1 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:39:04 PM IST	Zone 3-PM2.5	255	0 Acked / 2 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:38:43 PM IST	Zone 3-Temp	255	0 Acked / 4 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:36:39 PM IST	Zone 6-Humidity	255	0 Acked / 1 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:47:13 PM IST	Zone 3-TVOC	255	0 Acked / 2 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:46:59 PM IST	Zone 5-PM2.5	255	0 Acked / 1 Unacked	easyHealthyBuildingAlarmClass
☐	29-Jun-21 10:46:53 PM IST	Zone 3-Humiditv	255	0 Acked / 3 Unacked	easvHealthvBuildineAlarmClass

THE HONEYWELL RESPONSE TO A NEW NORMAL



Zone-based calculation

Zones are areas with a number of rooms or corridors containing various sensors (T, H, CO₂, PM_{2.5}, TVOC and Space utilization)



Trends

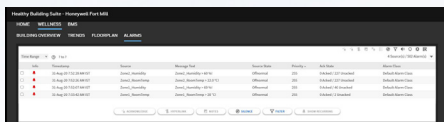
History or trends are associated with all parameter and wellness indices

- Histories can be compared across zones by parameter
- Actions can be taken based on historical data of any zone or any parameter



Applicable to all types of Buildings

Honeywell's Healthy Building Dashboard is compatible with all types of buildings with existing or new BMS utilizing WEBs N4, including commercial office buildings, K-12 schools, higher education, healthcare facilities, hospitality, airports, retail and more



Alarms:

- A wellness alarm class can be assigned to all parameters
- All wellness related alarms can be viewed through a separate wellness console



Export:

Provisioned to print or export all charts and graphs to PDF and excel spreadsheet

WEBS N4 HEALTHY BUILDING DASHBOARD ORDERING INFORMATION

DR-HBD-2-1YR	2 zones, 1 year
DR-HBD-5-1YR	5 zones, 1 year
DR-HBD-UNL-1YR	Unlimited zones, 1 year
DR-HBD-2-3YR	2 zones, 3 years
DR-HBD-5-3YR	5 zones, 3 years
DR-HBD-UNL-3YR	Unlimited zones, 3 years

WEBs N4.10 System Requirement

For more information or to place an order

Visit the BMS Software Webpage
or, buildings.honeywell.com/bms

Honeywell Building Technologies

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THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell