Achieve LEED v5 Certification and Maximize Points With Kaiterra's IAQ Monitoring Solution

LEED v5 now places a heavy emphasis on real-time, continuous IAQ monitoring

LEED v4.1 O+M

✗ Up to 4 points for periodic spot testing

✗ A limited range of IAQ parameters are measured

✗ Annual readings offer an incomplete picture of IAQ

✗ Overemphasis on occupant surveys

4 Points

LEED v5 O+M

✔ Up to 10 points for continuous IAQ monitoring

✔ PM2.5, CO2, and TVOC measured

✔ Relies heavily on continuous, accurate, and real-time data

10 Points

Kaiterra helps LEED projects meet all air quality requirements and earn up to 10 points.

All while simplifying the certification process and freeing your team from the hassle of periodic spot testing.

WORKS WITH **WELL**

Meet LEED's requirements

Provides 10 points in LEED v5

More cost effective

10x less hassle for the team

Signature LEED Projects Powered by Kaiterra

USGBC DC Headquarters

LEED Platinum Certified

Levi's Plaza I Koshland Building

LEED v5 Pilot

How Kaiterra IAQ Solutions Align with LEED v5

LEED v5 O+M now offers 10 points for continuous IAQ monitoring

Parameters	Benchmark	Points	Compliance
CO2	>1000 ppm	2	✓
	1000 ppm	3	✓
	800 ppm	4	✓
PM2.5	>15 ug/m3	2	✓
	15 ug/m3	3	✓
	12 ug/m3	4	✓
TVOC	Any level	2	✓
Total		**10 pts!**	

All Kaiterra monitors meet LEED's requirements.

What you need to know about this change

- Big step up from LEED v4.1

- Increasing motivation for monitoring

- Air testing is decentivized (with only 5 pts max)

- Better alignment with WELL so you can earn points in both!

One solution to comply with LEED and WELL, streamlining certification crosswalks

Kaiterra monitors	LEED v5 O+M	WELL v2
✓	PM2.5	PM2.5
✓	TVOC	TVOC
✓	CO2	CO2
✓		CO, O3, NO2
✓		Temp & RH
Outcomes	10 pts	3 Preconditions & 9 Optimization points

LEED v5 ID+C & BD+C projects now offer 2 points for continuous air quality monitoring

Parameters	Benchmark	Kaiterra Compliance	Available Points
TVOC	< 500 μg/m3	✓	1
CO2	Any level	✓	
PM2.5	Any level	✓	
TVOC	Any level	✓	1
Temp.	Any level	✓	
RH	Any level	✓	
Total	**2 pts**		

All Kaiterra monitors meet LEED's requirements.

Benefits beyond LEED:
Invest in the future of healthy buildings

Air quality testing is the way of the old days

➔ Point-in-time measurements

➔ Limited coverage

➔ Don't reflect the actual indoor environment

➔ Individual tests are expensive

Continuous data provides value now and into the future

➔ Real-time data

➔ Comprehensive coverage for all space types

➔ Identify trends, risks, and opportunities for optimization

➔ More cost effective over time

Go beyond real-time IAQ data and unlock deep insights to optimize your spaces.

Address issues faster before it impacts your certification

Fix problematic spaces before it causes complaints

Identify opportunities for energy efficiency and space utilization

Inform future design & build as well as capital decisions

Real use cases
from our clients driving tangible improvements

Hold handloards accountable on HVAC maintenance
→ Approved HVAC upgrades to improve air intake

Monitor and optimize filter change schedules
→ Ensure 99%+ filtration rate

Advise design team on supplier selections
→ Changed phone booth, flooring, etc. Prevented air quality issues at the roots

Form emergency response plans
→ Shield all occupants from wirefire smoke in Chicago, NYC, Delhi, etc.
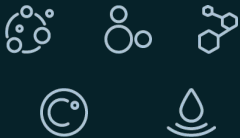
Identify HVAC inefficiencies and improve run time
→ 32% energy savings in just one building
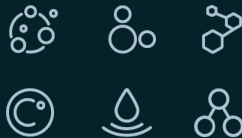
Commercial Air Quality Monitors
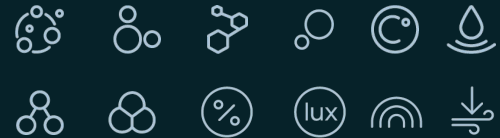# Built for Different Monitoring Needs

Sensedge
(SE-100)

Sensedge Mini
(SE-200 & SE-200P)

Sensedge Mini for Outdoors
(SE-201 & SE-201P)

Sensedge Go
(SE-300)

Best for display & engagement

Parameters	Particulate matter
	TVOC
	CO_2
	Temperature
	Relative humidity

Power	100-240V AC (USB Type-C)
	Power-over-ethernet*
	Battery *

Connectivity	Wi-Fi
	Ethernet
	BACnet
	Modbus
	Local and cloud MQTT
	Open API

WORKS WITH **WELL**

HEALTHY BUILDINGS
RESET
INTERNATIONAL STANDARD

Best wired solution, with both cloud analytics & BMS integration in one

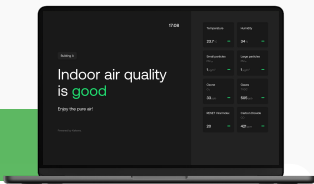| Parameters	Particulate matter TVOC CO_2 Ozone Temperature Relative humidity
Power	100-240V AC (USB Type-C) 12-30V DC (via direct wiring) Power-over-ethernet*
Connectivity	Wi-Fi Ethernet BACnet Modbus Local and cloud MQTT Open API

100% wireless & battery powered, up to 8 years of battery life

Parameters	PM2.5, PM10, TVOC, CO2, Temp, Relative Humidity, Occupancy, Atmospheric pressure,Light (lux and spectrum)
	Optional: O3, CO, NO2
Power	Up to 8 years of battery life using Adaptive Sampling™
	Over 4 years using a high frequency fixed sampling rate
	USB Type-C port available
Connectivity	Sub-Ghz wireless via gateway Gateway supports ethernet and cellular BACnet Open API

The Most Powerful IAQ Analytics Built by IAQ experts

Assess, analyze, and report on your air quality easily with Kaiterra Web App
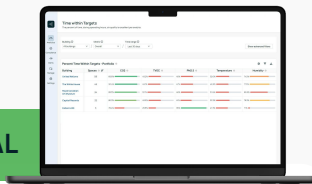
STRATEGIC

Track & Benchmark

Assess at a high level and track progress via KPIs

- ⊘ Portfolio Report
- ⊘ Time within Target

OPERATIONAL

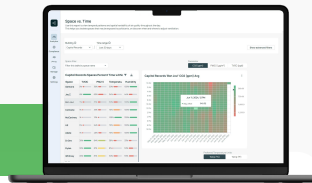## Monitor & Report

View live data and trends to report compliance and issues

- ⊘ Live data
- ⊘ Alert
- ⊘ Kiosk View
- ⊘ Trend report

ANALYTICAL

Troubleshoot & Discover

Dive deep into problematic areas and explore optimization

- ⊘ Space vs. Time
- ⊘ Under-ventilated Spaces
- ⊘ Space utilization

We're here to support you in your journey to LEED certification

➔ Dedicated Customer Success Manager (who are WELL APs, RESET APs, and LEED APs)

➔ Sensor mapping and floor plan review (to ensure placement meet relevant requirements)

➔ Remote installation and deployment support

➔ Data validation and calibration support (to meet relevant annual calibration requirement)

➔ Supported IWMS and BMS integration

➔ Quarterly Air Quality Performance Reviews (to review your compliance with certifications)

➔ Air quality and healthy building certification consulting (in-house WELL, RESET, LEED APs)

Why LEED projects choose Kaiterra

Maximize return on certification compliance

Comply with LEED v5

Maximize "point transfer" via certification crosswalks

Lower total cost of ownership (TCO)

More cost effective than air quality testing

30~50% cheaper than alternative solutions for installation and maintenance

Effortless, and time-saving

Remove the need for testing in many cases

Install once and done

Save **100+ hours** on data prep every year for data submission

Unparalleled analytics and insights

Check compliance in **real time**

Find and fix issues faster

Continuously improve your built environment

We're proud to serve **50+ enterprise customers** and over 100 certification projects globally.

With over **150 million sqft** of operating data, we help companies improve their built environment benefiting millions of occupants.

USGBC DC Headquarters
LEED PLATINUM

IWBI NYC Headquarters
WELL PLATINUM

IWBI Asia Headquarters
WELL GOLD

CBRE UK Headquarters
WELL PLATINUM

Salesforce Global Offices
FITWEL (VRM)

LinkedIn Global Offices
1000+ monitors deployed

Microsoft

LinkedIn

Google

Apple

salesforce

facebook

J.P.Morgan

accenture

Johnson Controls

SIEMENS

CBRE

Carrier

Honeywell
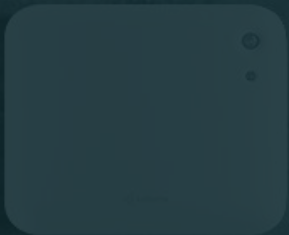
Hines

Gensler

SOM

DLR Group

PERKINS EASTMAN

WSP

ARUP

JLL

Your journey to LEED and a healthier built environment
starts here.

→ Get the most points with the least work

→ Lower total cost of ownership

→ Deep insights that support use cases into the future

→ Enterprise-grade solution (quality, security, support)