



ABOUND

The Future of Buildings

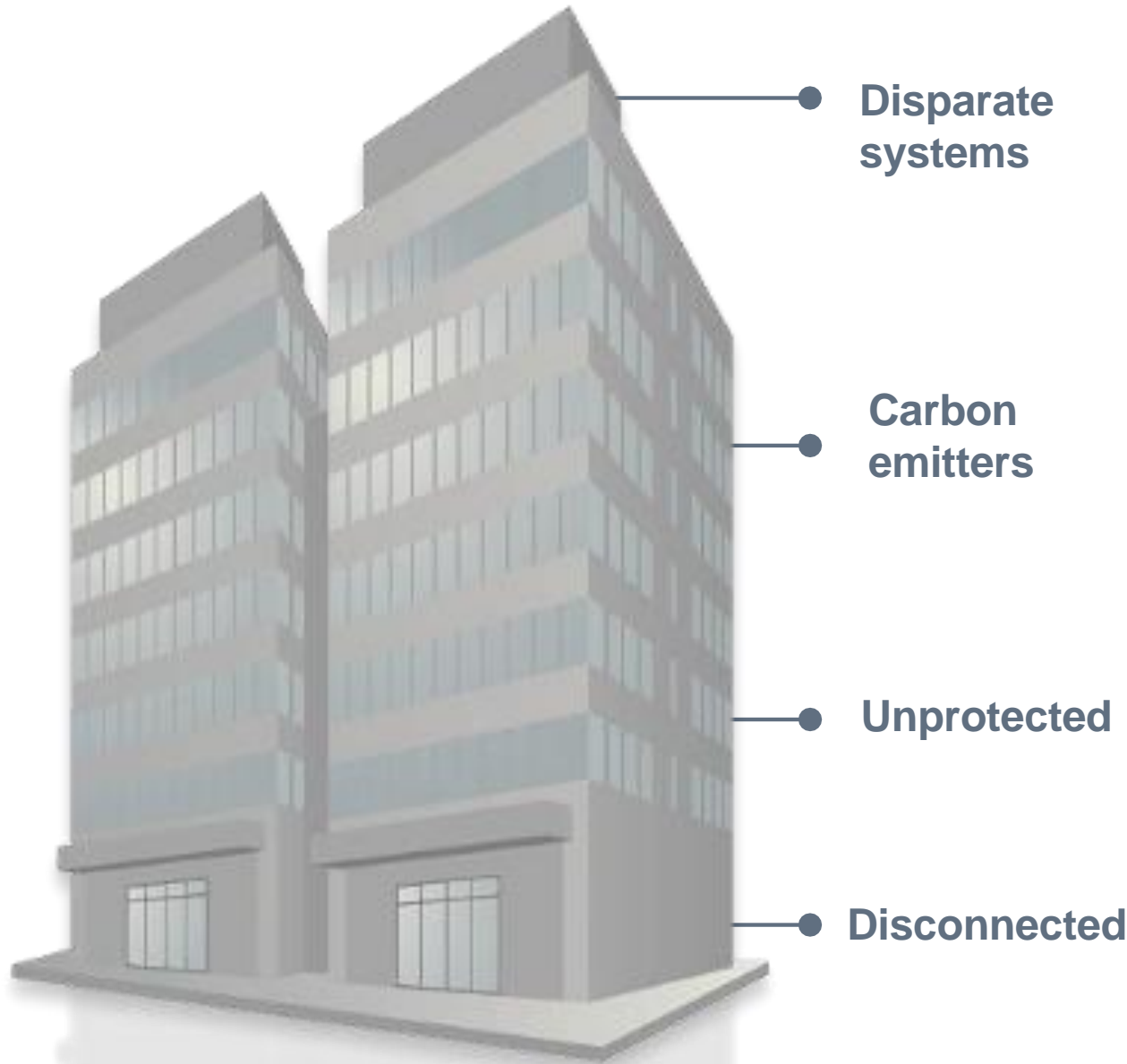
STARTS WITH ABOUND

A Digital Platform and Suite of Connected Solutions



Industry Challenges Needing a Solution

BUILDINGS OF YESTERDAY



BUILDINGS OF TOMORROW



People spend ~90% of our time indoors ¹	Indoor air can be 3-5x more polluted than outdoor air ¹
Buildings account for ~40% of greenhouse gas emissions ²	1 in 5 existing buildings retrofitted to meet net-zero emissions by 2050 ²
>4 billion connected IoT devices in commercial buildings by 2028 ³	Integrated smart building systems can reduce energy use ~10%-20% ⁴

1. Harvard School of Public Health | 2. IEA | 3. Deloitte, Gartner
4. The Nesler Group, National University of Singapore

Abound – Digital Platform & Suite of Connected Solutions

Driving Cloud-Powered Transformation

Abound™ gathers performance data from disparate systems, equipment, and sensors, so you have a single source of truth for making quick assessments and confident decisions.



Visualize

Provides a clear view of all your building systems—across your entire building portfolio—in one intuitive interface



Analyze

Unites disparate data and identifies anomalies in real time, so you can resolve issues quickly



Optimize

Provides actionable insights and recommended solutions so you can... take action to make buildings more efficient, comfortable, and sustainable and provide occupants with increased confidence in their indoor environments



Abound Digital Platform

Driving cloud-powered solutions that maximize positive outcomes

Health & Well-Being

Optimize indoor spaces for more positive human health, comfort, and productivity outcomes through offerings focused on indoor air quality, occupant density, and more.

Asset Management

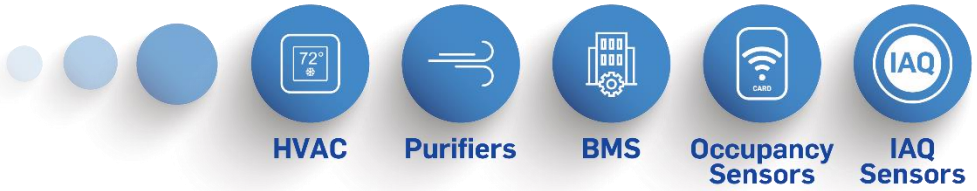
Reduce total cost of ownership with smarter, more predictive services that use data to optimize equipment health and performance.

Sustainability

Achieve sustainability objectives and ESG goals through improved visibility, tracking, managing, and reporting of metrics like energy efficiency and carbon emissions.

DATA SOURCES

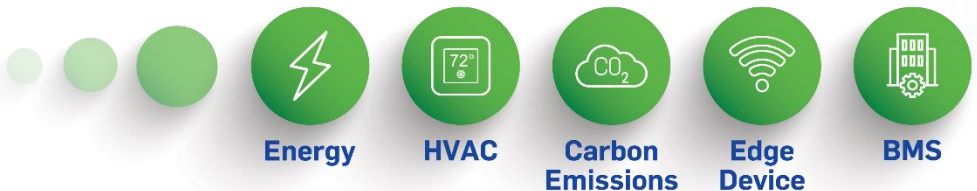
Health & Well-Being



Asset Management



Sustainability



OUTCOMES



Can Abound Work in Your Buildings?

Whether or not you have an existing building management system (BMS), Abound can change the future of your buildings.

Introduce

If you don't currently have a BMS, Abound is the perfect way to start monitoring data from your entire building portfolio so that stakeholders—from the CEO to facilities managers to occupants themselves—can gain important insights.

Enhance

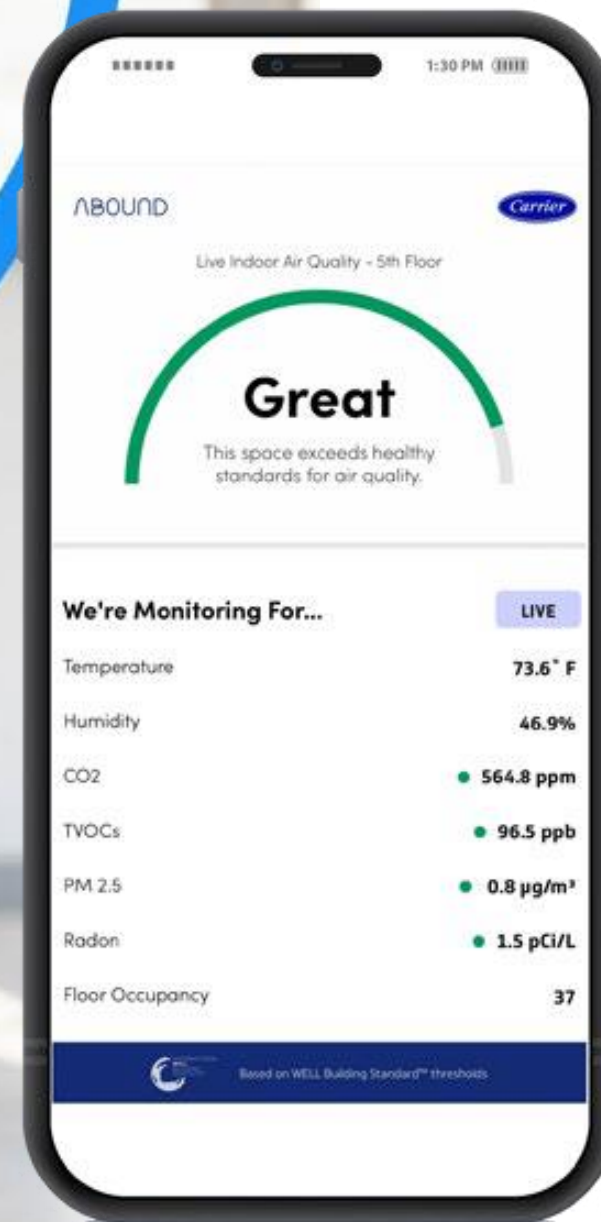
If you already have a BMS, Abound acts as an overlay so stakeholders can see more information, extract valuable insights, and enhance their value—by allowing them to address issues more proactively.

Integrate

As an open platform, Abound integrates with your current BMS. While it complements BMS systems made by Carrier (including Carrier i-Vu® and Automated Logic WebCTRL®), Abound's use of open protocols enables integration with systems, equipment, and sensors from a variety of manufacturers.



The Abound Difference



Expert-Backed

We've been innovating HVAC solutions for more than a century and have deployed these latest technologies in our own world headquarters building, where we experience the benefits of these systems every day, just as our customers do



Open

Integrates disparate data from a variety of vendor systems, using open protocols and standard naming conventions



Adaptable

Provides actionable insights to a variety of users acting in a variety of roles



Modular & Scalable

Scales across an entire building portfolio and extends to new applications for improved business outcomes using cloud-based technology



Science-Based

Monitors building performance in line with scientifically based standards like the International WELL Building Standard™



Global Delivery

Our long-standing delivery channels offer onsite professional consultations, project delivery, and service in ~165 countries around the world

How Abound is Already Making an Impact

SPORTS & ENTERTAINMENT



“The visual displays provide our guests a real-time look at how our systems are working together to improve air quality.”

Senior Vice President of Corporate and Premium Partnerships, Atlanta Braves

COMMERCIAL REAL ESTATE



“With Abound, our building’s great air quality is measured and displayed throughout the site, providing confidence to all residents and visitors.”

Facility Manager, Carrier Center for Intelligent Buildings (CIB)

HOSPITALITY



“With the platform and services, we were able to save 3.7Mn kWh over the last two years.”

Chief Executive Officer, American West Restaurant Group

RETAIL



“We knew that there was a really good opportunity to leverage data into strategies that would help us save energy that we weren’t capturing in the way we were doing monitoring and controls.”

Energy Manager, Petco Animal Supplies Store

EDUCATION

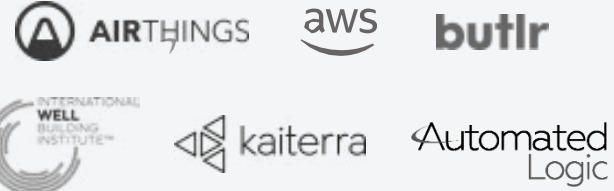


“Implementing Abound has improved the facility staff and administration’s ability to understand and manage the health and safety of our buildings.”

Chief Support Services Officer, Metro Atlanta Cherokee County School District

Our Integration with Industry Leading Brands

Abound is an open technology platform with a digital partner ecosystem of innovators in the building space. Together, we’re working to create solutions that make buildings healthier, more sustainable, safer, and intelligent.



Let’s Collaborate

Leverage our deep expertise, innovative thinking and suite of connected solutions to change the future of your buildings. Start by scheduling a demo or talking to one of our experts. Visit our [website](#) and fill out our [Talk to an Expert](#) form or email us at abound@carrier.com today.

