

Project Profile

COMMERCIAL REAL ESTATE

Carrier's Center for Intelligent Buildings Offers Occupants a Real-Time Look at Indoor Air Quality with Abound™



The Challenge

Built in 2017, Carrier's world headquarters, the Center for Intelligent Buildings (CIB), was developed as a world-class facility to achieve the highest standards in health, safety, and comfort for its occupants. Upon completion, it was certified LEED® and WELL™ platinum. But how do you continue to keep up such lofty standards?

The Implementation

With the Abound platform, data from Airthings™ advanced IAQ sensor technology is seamlessly integrated with Automated Logic's WebCTRL® building automation system (BAS) and associated occupancy sensors. This provides building operators with real-time, actionable insights about the quality of the CIB's indoor air. Temperature, humidity, CO₂, VOCs, PM_{2.5}, and radon are all compared to the International WELL Building Standard™.

The Results

Digital displays are strategically placed around the CIB to assure both occupants and visitors that the indoor spaces they occupy are being monitored for their health, comfort, and safety.

Project Overview

- Carrier Center for Intelligent Buildings
- Palm Beach Gardens, FL
- 600+ employees
- 224,000 square feet
- Automated Logic WebCTRL building automation system (BAS) and its associated space sensors
- 54 Airthings IAQ sensors

"With Abound, our building's great air quality is measured and displayed throughout the site, providing confidence to all occupants and visitors."

- Facility Manager,
Carrier Center for Intelligent Buildings



ABOUND

Abound™ is a cloud-based digital platform and suite of connected solutions that uses advanced technologies to aggregate, analyze, and visualize data to enable real-time, intelligent, outcome-based results. Abound allows building owners and managers to make decisions for their buildings to be more efficient, comfortable, healthy, and sustainable.

Learn more at abound.carrier.com.