Multi-site Operation

Australia wide

About the project

The Multi-Site Operation is a large commercial business covering multiple locations across the country.

What was the primary driver in choosing to install carbonTRACK?

The MSO sought to reliably monitor & control the performance of multiple geographically split sites. They wanted to create visibility around temperature in an installed environment, as well as improving staff comfort and surveying air quality. The centralised facilities manager was fielding multiple calls from various sites for faults or issues relating to heating or cooling. This led to many contractor engagements that were ultimately uneconomical. The MSO sought to improve their overall efficiency, as well as lessening the financial strain of contracting multiple electricians or HVAC experts for call outs that were often unnecessary, slow and expensive.

What were the project requirements?

- Ensure reliable data for internal reporting
- Provide each facility manager with specific data around key points of temperature, air quality and comfort
- Accurately report on temperature increases and decreases
- Detect patterns and anomalies in climate shifts
- Compare the internal environment to the weather in that specific region
- Monitor the opening and closing of individual doors in the premises
- Utilize carbon dioxide sensors to detect amounts of human activity
- Identify exact foot traffic
- Ensure rapid identification of faults
- Reduce technician call outs
- Provide the ability to control site & trouble- shoot remotely

The MSO identified carbonTRACK as the most appropriate solution to meet all the above requirements of a large-scale commercial business.

What solutions were used and what were the results?

carbonTRACK temperature sensors, door sensors, motion sensors and air quality sensors were installed across each site. Major issues are now identified early, as managers have the ability to troubleshoot remotely. The visibility of data has allowed facility mangers to make an informed decision on whether or not contractors should be engaged, by comparing the temperature and air quality between branches. Through carbonTRACK's dashboard, these elements can also be compared to the ambient temperature of the suburb in which the branch is located, further eliminating possible causes of heating and cooling concerns. The MSO is now successfully able to remotely monitor multiple data points, significantly reducing both their energy and financial costs.

About carbonTRACK

carbonTRACK's intelligent energy management system enables businesses and companies to take a leap into the new energy landscape. Drawing from our resource and experience, we create energy management solutions tailored to your specific commercial and industrial needs.

The carbonTRACK Smart Hub is the data-centre of the system. Offering unprecedented levels of visibility and control, it takes building automation and data analysis to the next level.

Our technology captures all aspects of energy data within the building or facility to provide a comprehensive insight into energy use. All aspects of energy are streamlined into a single portal showing real-time energy use with access from anywhere with the internet.