interact Office

IoT-based connected office lighting in Beijing

The China Academy of Building Research (CABR), a nearly zero carbon building, is the first in China to be transformed into a smart office with IoT-based connected lighting enabled by Interact Office.

Customer challenge

The CABR building in Beijing was interested in creating an employee-centric workspace while also saving on energy costs and improving operational efficiency. In addition, it was important that the system was secure and met the Academy's ambitious sustainability goals.

Solution

Located on the CABR campus in Beijing, the four-story building contains 4,025 m^2 of office space and is the first IoT-ready connected lighting project in China. In addition to increased operational efficiency, Interact Office software supports increased employee comfort and productivity by allowing people to adjust light levels to suit their task and preference as well as personalize other building services via a personal control app.

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Interact — Making it happen

After two years of operation, the China Academy of Building Research (CABR) published the building performance results. The report showed that along with other building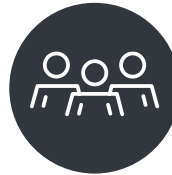 services responsible for energy consumption, connected LED lighting and Interact Office software delivered a significant contribution to improvements in service quality, user satisfaction and energy efficiency.

Energy savings

Since the installation of Interact Office, the CABR building has been able to deliver a significant decrease in energy consumption and an improvement in operational efficiency.

Employee satisfaction

According to an employee user survey, user satisfaction with the lighting systems is an impressive 100%, with employees ranking the lighting in first place among all other building systems.

Lighting management

Take the hassle out of managing your office lighting by remotely monitoring the performance of all light points across one or multiple sites, gaining real-time insight into energy consumption, fault detection, and predictive maintenance. Always have the right data on hand to make impactful decisions.

Project details

- The 4,025 m^2 of office space benefits rom the first IoT-ready connected lighting project in China
- Interact Office delivered a significant decrease in energy consumption and an improvement in operational efficiency
- Employee satisfaction with the lighting system is 100%

Find out how Interact can transform your business
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