

TREND BUILDING ENERGY MANAGEMENT SYSTEMS (BEMS)

A smart solution to remotely manage energy and air quality in schools and educational institutes

Safety and sustainability in educational institutes go beyond students and teachers

Creating a healthier learning environment incorporates three elements: energy management, air quality and remote connectivity. A smart solution to consider is a Trend Building Energy Management System (BEMS). A BEMS is an automated solution designed to help manage energy consumption and boost operational efficiency.

Think of it like having an engineer on site 24/7. A BEMS can track ambient temperatures, humidity, water and air quality and other data points. This data is helpful to align your building's energy consumption to actual use. Just as well, the BEMS can visualise information in graphical formats, facilitating site-wide energy management.

How clean air helps prevent the spread of infectious diseases

Besides efforts to manage energy, air quality in buildings must be monitored and optimised frequently. Good indoor air quality is known to have a positive impact on the wellbeing and productivity of building occupants.

In buildings with poorly ventilated or overheated rooms, airborne pathogens are more likely to spread when carbon dioxide and temperature levels rise. Trend's BEMS are designed to integrate heating, ventilation, AC, air quality monitoring and air filtering technologies to keep indoor air as clean and fresh as possible.

Remote connectivity enables building control from virtually anywhere

A Trend BEMS allows you to oversee building operations from long distances. Remote connectivity means authorised personnel can be warned of issues before they become an emergency. Most often, the BEMS user can resolve issues from a visual dashboard until a full repair is possible.

As a bonus, remote connectivity supports digital transformation. One example is the University of Bristol, which employs a Trend BEMS to digitally monitor fish tanks. Previously, data was checked manually. Information from the tank is now presented with custom graphics, and sensor data can be observed from a mobile device.

Technology plays an important role in educational buildings

Smart-ready and cost-effective solutions are ready now to assist school leaders with their reliability and environmental objectives. With help from a Trend BEMS, you can successfully improve the health of your building and enhance the wellbeing of those who use it.

Visit Trend Control Systems' website for more ways to help your building advance learning.

For more information on Trend's case study with the University of Bristol, reach out to:
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