



When getting it wrong is not an option

Keeping you up and running - 24/7

It doesn't bear thinking about. Yet do think about it for a minute.

If the parameters for your building are not met, you can't open and that can mean lost credibility, lost revenue and maybe even worse.

What to do? Stop it ever happening in the first place!

With buildings of today's high standards and sophistication, the margin for error is small. Which goes whether you operate a retail unit, school, office complex or any other facility.

It means that a BEMS – building energy management system - is essential. It guarantees availability, preventing the nightmare scenario. It functions automatically, day on day, month on month, year on year. What's more, it can

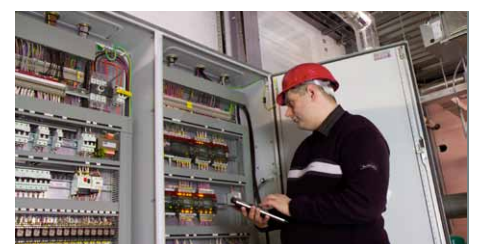
control as much as 84% of your building's energy consumption.

However, optimal running of your BEMS is essential. So how can you achieve it? In-house? Do you have the necessary expertise? Even if the answer's yes, do your hard-pressed staff have the time? As we say, closing is not an option.

DDE can set up your system correctly, to work exactly how you want it. We then monitor and adjust as necessary. Your building functions as it should, 24/7.

Saving you energy and money. Saving you hassle and time. Protecting your reputation. Increasing user comfort. And leaving you to get on with what you do best.

Interested? Read more about how DDE can realise these benefits for you.



Choose exactly the support you need

DDE can maintain your building management system and keep it performing at optimum levels all year round. Ours is a continuous process, reviewing goals, monitoring performance, optimising systems and demonstrating success. It enables you to not only react to problems but really make the most of your BEMS.

What's more, you choose only the service elements you need - no more, no less. We offer two flexible packages, which can both be individually tailored to suit you.

Choose exactly the support you need

Level 1. Core Service

What is it?

A support package to optimise your building energy management system, incorporating room temperature setpoint adjustment, time changes, operator functions and seasonal shutdown. Everything to facilitate your building's occupation and usage.

Who's it for?

Small sites where the environment must be maintained, but don't have the time or resources to operate a BEMS. Typically, this means schools, libraries, health centres, smaller commercial offices and similar facilities.

What does it include?

- **Control** – we visit you 3 times a year to monitor and adjust settings accordingly
- **Health** – we check sensor readings and system parameters, and advise you as appropriate

- **Remote** – we can offer you a dial-up facility to reduce response times and costs
- **Maintenance** – any extra work needed can be carried out at discounted rates

What are the benefits?

- You save energy
- Occupants enjoy increased comfort
- You benefit from rapid response times
- You have low contract costs

Level 2. Pro-Active

What is it?

Pro-Active includes all service elements needed to optimise building services in environmentally critical areas. It's the essential insurance package for your organisation - if something goes wrong, we put it right!

Who's it for?

The package is ideal for sites such as clean rooms, laboratories, computer rooms, classrooms, hotels, fitness centres and museums. In other words, where the environment must be

maintained within very specific parameters.

What does it include?

- A comprehensive system performance review, carried out on-site
- A full operational check of all sensors and field equipment
- A detailed report of our findings, together with any recommendations
- Complete backup of all software, data files and workstation computers
- DDE Technical Support

- A remote connection facility
- BMS hardware insurance cover, depending on your individual requirements

What are the benefits?

- Continuous availability
- A targeted service for reduced downtime
- Accurate and reliable condition monitoring
- Reduced utility bills
- Increased occupational comfort
- Rapid response and rectification times

Case Studies



From Blackboard to Green Screen

The Trend system DDE has installed in the newly-built Walkden High School in Manchester monitors and controls temperature and Co2 levels in all teaching/open learning zones. It achieves this primarily via four centralised air handling units with variable air volume and pressure control.

Most interestingly, the site features a 'Green Screen' to provide students with details of the energy used, and how this can be saved by means of the Biomass and rainwater recovery systems installed.



Keeping House of Fraser Open for Business

DDE carries out a wide range of works for the House of Fraser Group, a major retail chain with stores located throughout the UK. Each store has an annual service visit to ensure that all the controls are working correctly. Most significantly, we can connect to a store remotely so that any problems can be addressed immediately, and temperatures and time profiles changed. We assist other service engineers who may be on-site, remotely

operating equipment for checking purposes. To ensure that the correct light level is operating when the store is trading, the control system is linked to the various levels of store lighting. What's more, if trading times change due to extended opening hours, the new times can be programmed in advance and the lights will adjust automatically.