



A BUSINESS CASE STUDY



FOR COMMERCIAL

MATRIX HOUSE – SUSTAINABILITY

in Basingstoke is one of the town's most prominent structures and acts as home to a diverse range of companies. It is also one of Hampshire's main strategic commercial centres, with excellent links to the national motorway network, a highly efficient internal road system and a fast rail service to London.



THE CHALLENGE

To replace the existing BEMS in the building which became unreliable and economically unviable to repair, with strong evidence of overheating.



THE SOLUTION

Trend Controls hardware and software is fully backward compatible. Any legacy Trend product can be added to or the system enhanced by a new Trend product; which allows customers to upgrade parts of their system in affordable stages or piece by piece, rather than the entire system. This allows for cost effective planned upgrades at your pace to your budget.

If you have a live tenanted building the ability to upgrade individual areas is a major benefit. In Matrix House, replacing a controller in a live building without affecting the working lives of the occupants required careful planning. In fact, none of the tenants realised the work was going on and there were no instances of downtime. The project was successfully finished to the desired timescales including an upgrade to the control strategy to incorporate modern energy saving strategies; and utilising enthalpy control strategies to help drive plant decisions.



THE OUTCOME

The ability to add new controllers with enhanced capabilities to older Trend sites allowed the client to upgrade within the time frames and budgets to suit their business requirements.

Since completion, the hardware has been updated to current IQ controllers, guaranteeing the system remains supported and is ready and effective for the next 20 years. The revised, modern control strategies saved almost one million kWh of electrical consumption.

Benefits

- Trends backward compatibility ethos allows the client to decide at what pace and budget to upgrade their system. Utilising modern control strategies helps drive decarbonisation and energy reductions.

