

Commercial

case study

Energy savings with short payback in commercial spaces

With energy prices climbing, our client needed a cost-effective way to cut ventilation energy use without major upfront investment. Many solutions require expensive system overhauls with long payback periods, but our Cheetah system offers a smarter approach.

Not only does Cheetah integrate seamlessly with existing EC fans or inverter drives, but it also connects with existing Building Management Systems (BMS), ensuring smooth operation alongside even the most intricate HVAC setups. This advanced integration allows businesses to enhance control over their energy usage without the need for complex retrofits.

Following this success, we've continued installations in major commercial buildings, including BMW Oxford, Société Générale, Oracle, and more. Helping businesses achieve their energy efficiency goals while seamlessly integrating with their existing infrastructure.

33,100 kWh

kWh saved per year

7,400 kg

CO2 saved per year

£8,200

Pounds saved per year

60%

Reduction in fans energy consumption



Challenge

With energy prices rising, businesses need a smarter approach to reduce costs. Demand Control Kitchen Ventilation (DCKV) offers a proven solution by adjusting fan speeds based on real-time cooking activity, cutting unnecessary energy use. By implementing our technology, businesses can achieve significant savings with short payback periods, turning ventilation from a cost burden into an efficiency win.



Results

The results have been outstanding, reducing their fans consumption by **60%** and savings **£8,200** each year, resulting in a payback period of 1 year.

Across all four commercial spaces, British American Tobacco, Eaton Mission Systems, National Grid Training Centre and UAL St Martins, we have managed to save **132,700 kWh**, **£33,190** and **29.8** tonnes of CO2 each year.