

**YOUR PARTNER IN ENERGY AND BUILDING  
MANAGEMENT SOLUTIONS**

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**Sense**

**DEMAND**

Control System for hybrid work offices.



**Control**

**Save**



Discover more on our new website  
at [3mse.co.uk](http://3mse.co.uk)

**Make your building efficient and comfortable.**

With 3MSE's innovative & market tested BMS Solutions



CHECK OUT OUR NEW WEBSITE  
WWW.3MSE.CO.UK



# INTELLIGENT CONTROL.

Reduce energy waste, enhance indoor air quality, and optimise HVAC performance with intelligent, real-time occupancy-based climate control.

Our Smart Demand Control System seamlessly integrates with existing BMS and Energy Systems, optimizing heating, cooling, and ventilation in real-time based on occupancy. This ensures ideal conditions while cutting energy use by up to 50%.

Powered by AI-driven analytics and advanced sensors, it includes AI people counting, WELL-certified air monitoring, smart lighting

integration, and occupancy-responsive software. These technologies boost energy efficiency while enhancing air quality, well-being, and productivity.

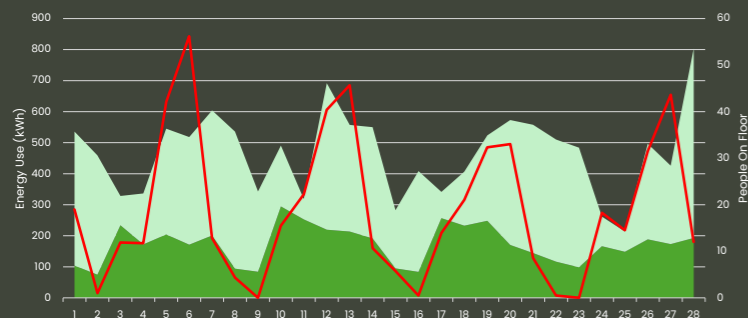
With a decade of BMS expertise, 3MSE ensures smooth IoT integration with legacy systems, delivering actionable building intelligence for reliable, efficient, and sustainable operations.

## Unlock Significant Energy Savings & Enhanced Comfort

The shift to hybrid working has reshaped how commercial spaces are used. Offices once designed for full occupancy now operate at partial capacity, leading to unnecessary energy consumption and inflated operational costs. Traditional HVAC systems continue to heat, cool, and ventilate entire floors—even when only a handful of employees are present. This

inefficiency not only wastes energy but also increases maintenance expenses and carbon emissions. As energy prices rise and sustainability targets become more pressing, businesses must rethink how they manage building environments. The future of commercial real estate lies in smart, responsive HVAC systems that dynamically adapt to real-time

occupancy. By integrating IoT intelligence with BMS, 3MSE delivers energy efficient, healthier workplaces while significantly reducing operational costs.



By integrating **Occupancy Data** into BMS Controls in a major London Building, 3MSE's Demand Control system helped achieve a significant drop in **This Year's** February energy consumption compared to **Last Year's**.

The variability of occupancy rates necessitates a smarter approach to servicing commercial spaces; 3MSE Demand Control offers a tried and tested solution lowering your energy consumption with a quick ROI.



**Modular Solution** Deploy Demand Control as a complete solution, or as individual components

1

### LANDLORD DEMAND INTEGRATION

Bridge the gap between Landlord and Tenant control strategies: Instead of rigid timeschedules, Tenant Demand for CHW, LTHW and Ventilation drives the Landlord systems, reducing aggregate consumption.

2

### LIGHTING SENSOR INTEGRATION

Use PIR Lighting Sensors to map which zones in your space are occupied, allowing dynamic modulation of Energy Use at individual zone level. This approach allows for greater energy consumption reductions.

3

### AI PEOPLE COUNTING SENSORS INTEGRATION

Deploy state of the art AI Occupancy Count Sensors to precisely map locations and densities of your spaces' occupants. Greatly increase your energy savings while retaining absolute confidence in Air Quality



#### Lower Operations Cost

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#### Maintained Air Quality

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#### Reduced Carbon Emissions

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74%

**ENERGY EFFICIENCY**  
Floor 38



**Energy Consumption**



# Efficient Energy Use & Improved Air Quality



**With 3MSE Demand Control**

Get in touch for a live demo of Demand Control.

Discover how 3MSE can help your real estate reach its full potential with innovative automation technologies.

Find out more at [3mse.co.uk](http://3mse.co.uk)



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