

A BUSINESS CASE STUDY



FOR HEALTHCARE



I Trend Clears the Air at Pennine Acute Hospitals NHS Trust



THE CHALLENGE

Pennine Acute Hospitals NHS Trust wanted to make its ventilation systems more efficient and effective. Reducing hazards to patients and staff from airborne contaminants, dust and harmful microorganisms is a fundamental requirement within hospital operating theatres.



THE SOLUTION

Trend integrated passive infrared (PIR) movement detectors with the BEMS to manage theatre occupancy. To address the cleaning issue, the ventilation system was set to run at no less than half speed prior to undertaking any tasks and remain active for a period after completion.



THE OUTCOME

By utilising the Trend BEMS, the Trust was able to become a more energy efficient operation, whilst ensuring the full shut down of the ventilation systems in the operating theatres had no negative implications. Not only has this been achieved, but the Trust is now able to save around £30,000 a year in energy costs.

Benefits

- Compliance to HTM 03-01 Specialist Ventilation for Healthcare Premises Part A
- Innovative Energy Savings and costs
- Reducing hazards to patients and staff from airborne contaminants

PUTTING PATIENTS AND STAFF FIRST IN YOUR HEALTHCARE FACILITY