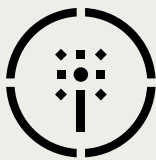


Client snapshot



The Met Office – the UK’s national weather service



Metrikus is deployed across 7 of their sites in the UK

The challenge

- ✗ When the engagement started, the goal was simple: monitor office temperature and resolve constant ‘too hot’ / ‘too cold’ complaints.
- ✗ The BMS reported everything as normal – rooms sitting at the 21°C set point – yet the complaints kept coming.
- ✗ There was no independent way to verify whether the BMS readings reflected reality



I cannot overstate how useful the Metrikus platform has been. It is a powerful tool that allows you to become an intelligent customer. The flexibility and speed of response is exemplary.

Ralph James
FM & Technical Services Manager,
The Met Office

How Metrikus approached it

- Deployed IAQ sensors and connected them alongside the existing BMS in one platform – not to replace anything, but to compare the two data sources side by side.
- That comparison immediately exposed the discrepancies: the BMS was misreading, with years of sensor drift and compensation meaning it was running on erroneous inputs.
- Comparing the data also revealed persistent cold spots, which led to the discovery of a design fault in the vents beneath the building – an area that hadn’t been inspected in 18 years – plus unbalanced airflow.
- The platform also captured a major external dust event, which turned out to be a Saharan dust storm hitting the UK, showing how easily outdoor pollution infiltrates indoor air and affects IAQ.



Results

25%

reduction in energy usage by uncovering HVAC inefficiencies

4 hours

saved every time the platform prevents an unnecessary maintenance check

£10,000s

saved by preventing data loss and reputational damage