

# Watsons

BUILDING SERVICES LTD

Established 1920

## 7 HIDDEN WAYS YOUR BUILDING MANAGEMENT SYSTEM MAY BE WASTING ENERGY

**UNCOVER THE ENERGY  
INEFFICIENCIES QUIETLY DRIVING  
UP YOUR OPERATING COSTS.**

**Innovation, Expertise, Excellence**  
**A Trusted Building Service Partner**

# HEATING AND COOLING AT THE SAME TIME

Your BMS may be telling one system to heat while another cools the same space, causing significant and unnecessary energy consumption.

Why it happens:

- X** Poor control logic
- X** Conflicting schedules
- X** Faulty sensors

# EQUIPMENT RUNNING WHEN NOBODY'S THERE

Many buildings still operate on schedules that were created years ago, and do not reflect updated occupancy levels. This can cause thousands of pounds to be wasted annually in avoidable runtime.

Common examples include:

- ✗ HVAC running overnight
- ✗ Weekend operation in empty offices
- ✗ Lighting active after hours

# FAULTY SENSORS CREATE BAD DECISIONS

Your BMS is only as smart as the data it receives. Faulty building sensors send poor-quality data, which can cause systems to overreact and consume more energy than needed.

What goes wrong:

- X** Incorrect temperature readings
- X** CO<sub>2</sub> sensor drift driving increased ventilation
- X** Broken occupancy sensors

# TEMPORARY OVERRIDES THAT BECAME PERMANENT

Manual overrides often stay active long after the issue is resolved. The resulting impact causes continuous energy wastage, hidden in plain sight.

Typical problems:

**X** Fans stuck on 24/7

**X** Optimisation settings disabled

**X** Bypassed control sequences

# INEFFICIENT TEMPERATURE SETPOINTS

Even small setpoint errors can dramatically increase energy use, creating higher bills with little benefit to building comfort.

Examples include:

- X Cooling too aggressively**
- X Heating too early**
- X Narrow deadbands**

# HIDDEN EQUIPMENT FAULTS

Your BMS may be reporting alarms nobody is reviewing. Left unchecked, even small faults compound into major energy losses.

Common hidden issues include:

- ✗ Dirty filters
- ✗ Failing valves
- ✗ Short cycling equipment

# NO ONE ANALYSING THE DATA

Most BMS platforms collect huge amounts of data, but never turn it into action. Without proper data analysis, your building can operate below its potential every day.

Without analytics:

- X** Inefficiencies stay hidden
- X** Trends are missed
- X** Savings opportunities disappear

# **SOLUTIONS THAT REDUCE ENERGY WASTE**

**Watsons Building Services helps businesses improve performance through smarter controls, proactive maintenance, and system optimisation. How we help:**

- ✓ System design, installation & upgrades**
- ✓ BMS auditing & performance reviews**
- ✓ Controls optimisation**
- ✓ Sensor calibration & replacement**
- ✓ Planned preventative maintenance (PPM)**

# UNCOVER HIDDEN INEFFICIENCIES IN YOUR BUILDING

Contact us today to identify  
and resolve hidden BMS  
inefficiencies before they  
become costly problems.



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