



Smart monitoring for healthy, efficient & warm homes

Continually monitor damp and mould risk whilst documenting the impact of property improvements



DAVID HILL

Accommodation Manager

"These sensors were warmly welcomed to nip problems in the bud before they happened, but also to give us a bigger understanding of what is going on inside properties.

The sensors enabled us to identify properties with critical cold and potential for mould, allowing them to go and talk to residents and offer any available support.

It's a wonderful bit of kit; fantastic!"



TACKLING DAMP, MOULD AND CONDENSATION

Kingston Council wanted to identify properties of damp and mould concern to take a proactive approach ahead of changing legislation. This would enable them to intervene before a problem arose and also monitor the impact of property improvements, such as improved insulation.

PREVENTATIVE ACTION

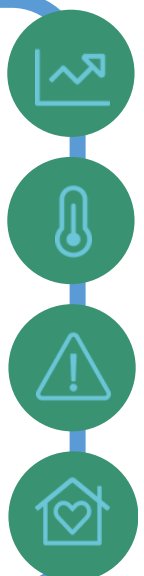
IoTSGs COSIE homes sensors were installed to provide continuous temperature and humidity data for:

- **Void properties** to reduce maintenance
- Properties with **registered complaints** to provide a clearer picture of the situation
- Properties which were having insulation materials added before and after installation

ENABLING A PROACTIVE APPROACH

The insights from these sensors have enabled Kingston's Housing Teams to take a proactive approach and address property issues before mould starts to grow. This included identifying residents that they needed to engage with and properties that were in need of structural improvements.

- Although only a small-scale trial, up to 30% of residents in this trial were identified as potentially suffering from fuel poverty, enabling advice and support to be provided
- Properties where the humidity was identified as exceptionally high were also sent information to help prevent condensation and the growth of damp and mould
- The sensors were able to identify whether a resident had been using their heating or not, therefore impacting the likelihood of damp and mould in the property
- It was observed that a void property can create a fridge-like effect around other properties





COSIE homes

Have the confidence that you are providing healthy, efficient and warm homes.

Powerful data insights can be crucial, particularly in these times of energy crisis, fuel poverty and increased disrepair cases.

PEACE OF MIND FOR HOUSING AND MAINTENANCE TEAMS

Our discreet, efficient and economical sensors continuously monitor environmental conditions and deliver early alerts for potential heating, ventilation, damp or mould issues.

These data insights and alerts are enabling housing providers to:

- Protect the **health and wellbeing** of residents
- **Prevent disrepair** through issue identification
- **Prioritise remedial actions** with weekly risk reports
- Clearly **picture a property's condition**

INTUITIVE TECHNOLOGY FOR MEANINGFUL RESULTS

Step 1: Sensor sent to resident - The resident or housing team place the small battery-powered COSIE homes sensor in the room of concern.

Step 2: A property profile is built - The sensor detects temperature and humidity immediately, providing continuous property monitoring.

Step 3: Data is automatically relayed and analysed - This data is sent to a central database that drives analytics to deliver continual risk profiles for damp, mould and fuel poverty risk.

Step 4: Reports support resource prioritisation - Concerning environmental conditions are highlighted in customer email reports delivered to the housing/maintenance teams.



3+ year battery life with automatic shipment of replacement device



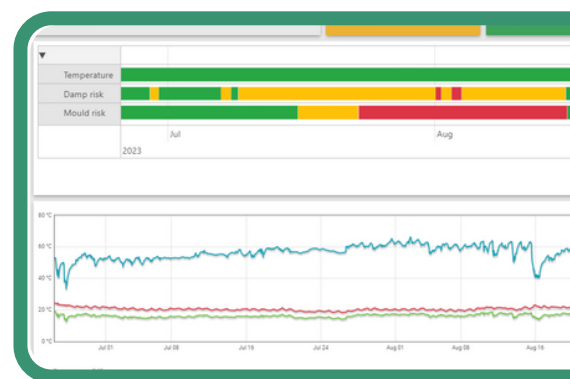
Quick and easy installation - a single unobtrusive device is simply placed in the home



Complete package solution costing less than a high street coffee per week



Use anywhere in the UK, no internet connection or mobile phone signal needed



SUPPORTING PROVIDERS ACROSS THE UK

