Reducing risks & OPEX in UK housing
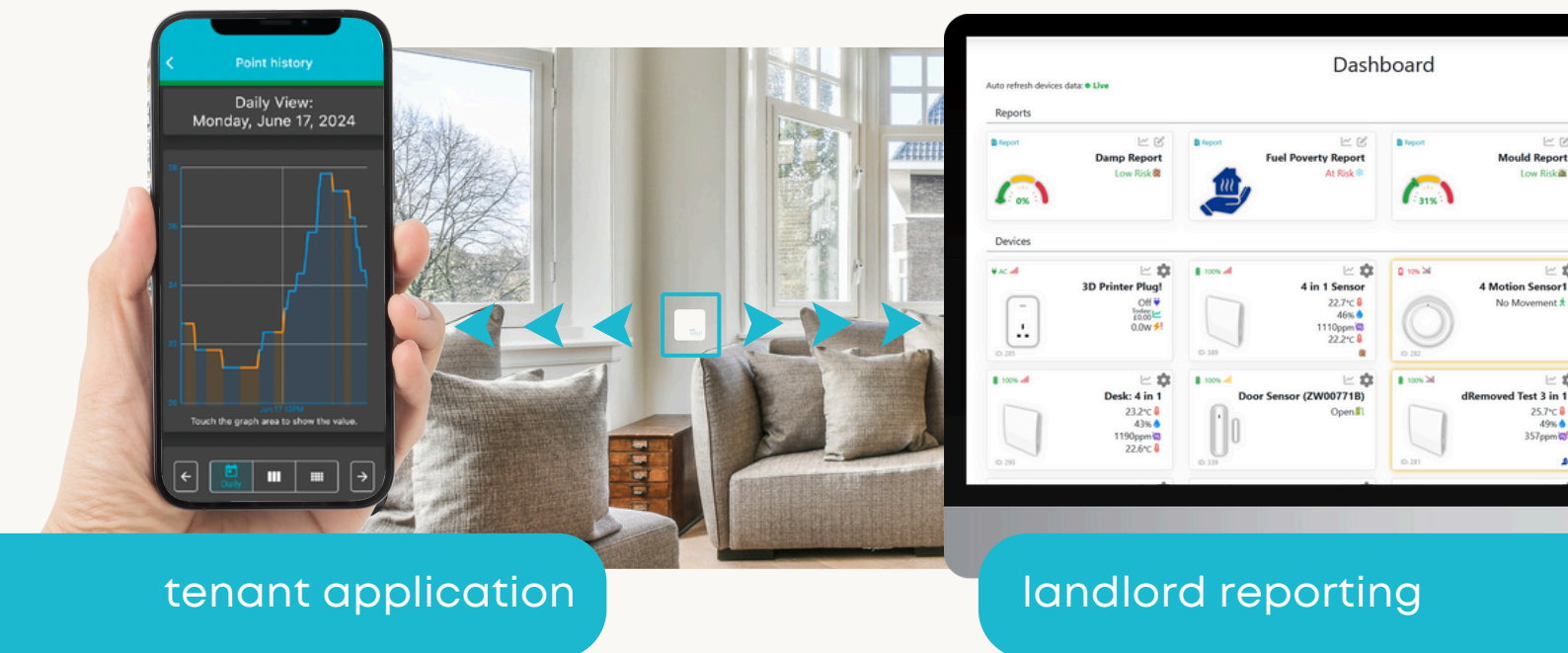
mould mitigation

Stay ahead of Awaab's Law. Halo Smart IoT is the ultimate mould monitoring solution built for compliance. Our system gives you real-time insights into the conditions that lead to damp and mould, like humidity, temperature, and airflow. With instant alerts, evidence-based reports, and tenant-friendly app, you can take fast, targeted action without delays, guesswork or false positives. Halo ensures you respond on time, protecting residents and your reputation.

- Accurate mould risk alerts delivered directly to tenants via our easy-to-use app
- Seamless evidence-based reporting from tenants to landlords or managing agents
- Eliminates false positives – only real issues are flagged
- No need for invasive surveys – get trusted results without disruption

It's compliance made simple, proactive, and hassle-free. →

tenant application

landlord reporting

Step 1 • Smart Sensor Activation

The journey begins with the installation of a battery-powered smart sensor, discreetly placed within the property. This sensor continuously measures wall, air temperature and humidity levels, calculating real-time damp and mould risk.

Step 2 • Real-time Data Transmission to Halo Smart IoT Cloud

All sensor data is securely transmitted to the Halo Smart IoT Cloud service

Step 3 • Insights for Housing Providers

Using the Halo Smart IoT dashboard, housing teams can monitor performance across multiple properties. Detailed trend graphs and historical performance help support data-driven decisions, proactive maintenance, and regulatory compliance.

Step 4 • Tenant App - Two-way reporting and alerting between tenants and housing managers

- Tenant will alerted of real-time mould risk
- Report issues (e.g. damp, mould, or fuel poverty, equipment status) via the app. For items like broken equipment, the app could walk tenants through self-help steps or inform them of non-responsibility areas.
- Enables communication between tenants and managers.
- Visits and audits records
- Submit photos, videos, and descriptions with their reports.

Step 5 • Actionable Outcomes

With reliable data, visual evidence, and real-time insights, both landlords and tenants are empowered to take timely, targeted action — from adjusting ventilation and heating to scheduling repairs — improving resident wellbeing and operational efficiency.

Solutions that are easy to **scale up**, quick to deploy and require minimal disruption to tenants

Fuel poverty	Utility monitoring	IAQ monitoring	Leak & flood monitoring	Smoke detection	Heat pump integration & optimisation	Solar panel & battery integration

halosmartiot.com