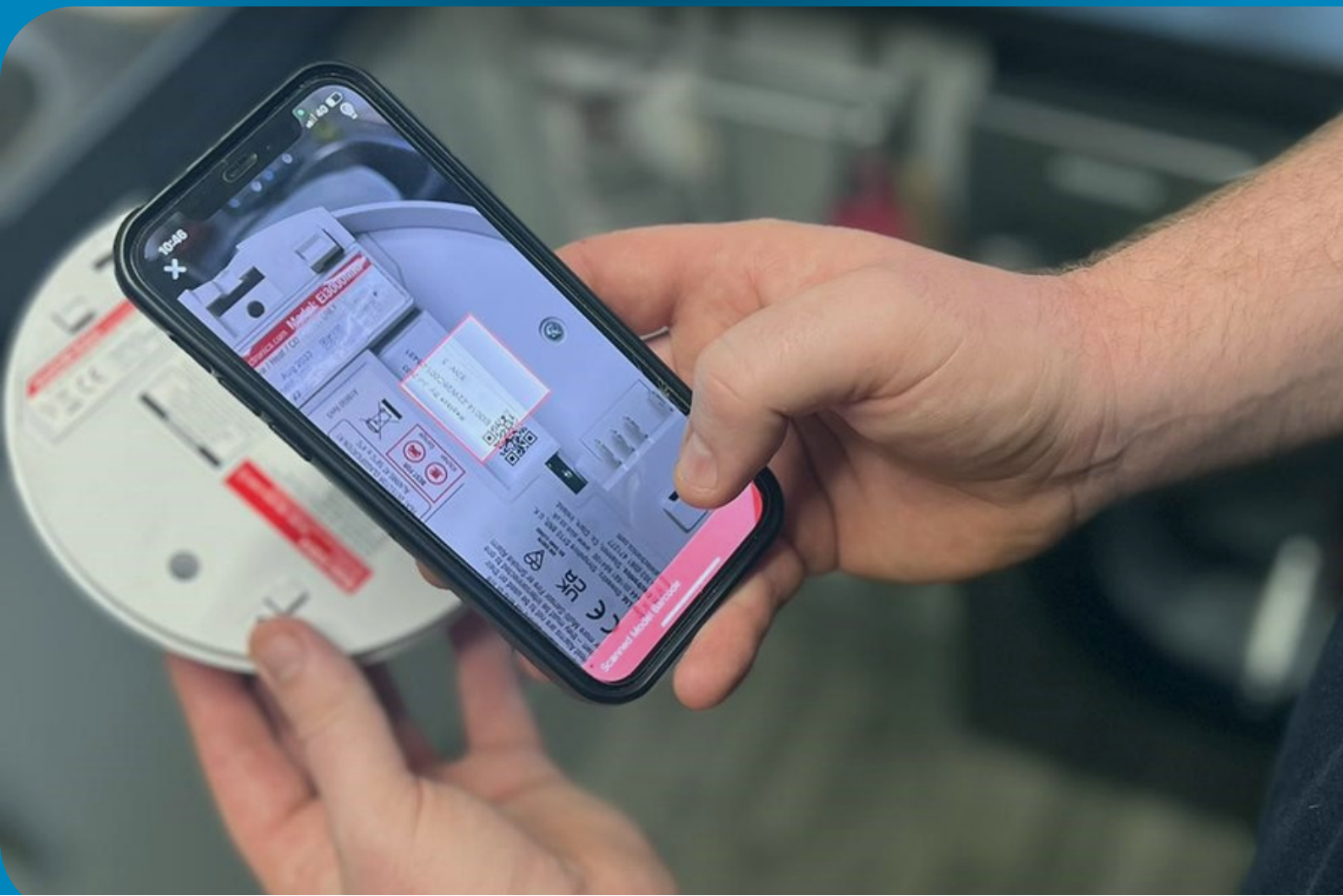


December 2022

# CASE STUDY

WEALDEN DISTRICT  
COUNCIL TO DEPLOY  
ENVIRONMENTAL SENSORS  
TO COMBAT DISREPAIR AND  
ACHIEVE NET ZERO GOALS



WEALDEN DISTRICT  
COUNCIL ARE INSTALLING  
AICO'S HOMELINK  
CONNECTED HOME  
SOLUTION ACROSS ONE  
HUNDRED AND FIFTY OF  
THEIR PROPERTIES THIS  
YEAR.

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The Future of Wealden District Councils IoT Strategy



Wealden District Council are installing Aico's HomeLINK Connected Home Solution across 150 of their properties this year. The council plan to utilise the Ei1000G Gateway and Environmental Sensors alongside the HomeLINK Portal to gain data insight into the quality of their housing stock and help them achieve their net zero goals.

Wealden District Council provides over 3000 homes for their residents. Their aim is to improve housing quality and offer housing advice and support for their residents.

## DISREPAIR AND NET ZERO CHALLENGE

Disrepair is a growing concern for social landlords with legislation like the Homes Act 2018, the health and safety of their housing portfolio is paramount. Access to all the data to help identify and prioritise properties that are most at risk of disrepair means the provider can assign resources more effectively for more efficient asset management.

Net zero is another challenge housing providers are currently facing within the sector, with standards like Energy Efficiency for Social Housing 2032 encouraging landlords to improve the energy efficiency of their residences in line with government targets and PAS 2035.

## IMPLEMENTATION OF INTERNET OF THINGS (IOT) TECHNOLOGY

The council has installed the HomeLINK connected home solution to take a proactive approach to these issues.

The insights will assist them, and their residents to make informed decisions that can help improve the quality of their housing stock, and resident health and well-being.



We have been installing Aico products for a number of years now and the newest edition of the environmental sensors and Gateway are products that can be added to an existing system with ease. As with the Aico smoke alarms, the system is simple to commission via the Installer app with the system showing data almost instantly to confirm commissioning is complete before leaving the .

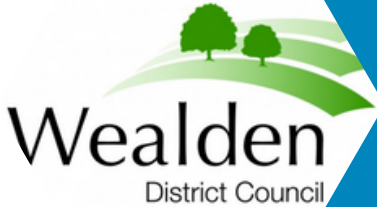
Neil Catt from Chris Bartholomews Electrical



The environmental sensors can indicate if there is a potential issue with humidity, excess cold or heat and poor air quality in a property, meaning landlords have the insights to tackle these problems, maintain compliance and enable preventative strategies within their housing stock.

The data can be reviewed in the HomeLINK Portal providing actionable insights into conditions such as mould risk, energy efficiency and indoor air quality, assisting the council in making management easier, and maintenance more efficient and proactive.





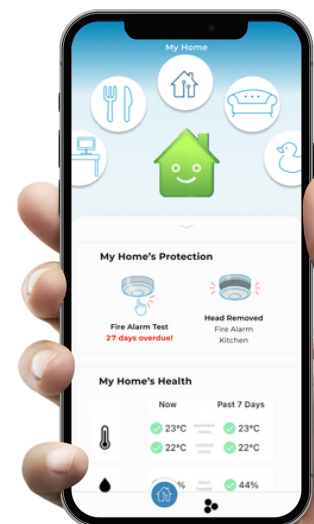
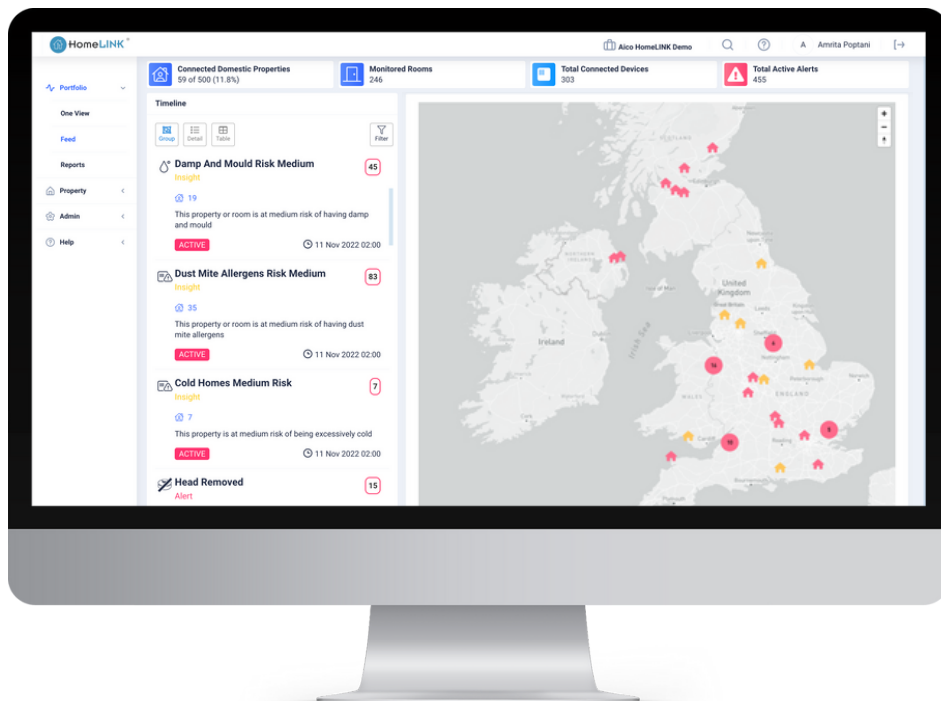
There are many reasons we have decided to use Aico's Gateway and HomeLINK Environmental Sensors in our properties. The systems and portal allow us to manage our housing stock and keep our tenants healthier and safer in their homes. Net zero is another massive challenge for us and the proactive approach we are taking with the environmental sensors will assist us with this.

Simon Barr, Climate Change and Assets Surveyor at Wealden District Council



## EMPOWERING AND ENGAGING RESIDENTS

Empowering residents to take control of their environment through the HomeLINK App for Residents is a significant step forward. The app provides residents with measures they can take to improve the environmental conditions in their homes. For example humidity within a property can be monitored and in most cases, the levels can be improved with the notifications the Resident App provides, such as opening the window after a shower to improve the ventilation, avoiding outcomes such as damp and mould before they become an issue.





# THE FUTURE OF WEALDEN DISTRICTS

## INTERNET OF THINGS (IOT) STRATEGY

Wealden District Council are due to roll out the Connected Home Solution across properties identified through their latest decarbonisation project, as well as other properties identified through surveys, to enable them to manage their housing stock effectively and more efficiently.

Wealden District Council have already seen the benefits from the initial installation of the new systems:

- A more proactive approach to maintenance instead of a reactive one
- Easier to maintain compliance with all the data easily accessible in one place
- Improving resident engagement
- Utilising data to assist with the Net Zero challenges.



I have been working with Wealden District Council for a couple of years now, they always have the safety and well-being of their residents at the forefront of everything they do. They can already see the advantages of implementing our IoT solution and will continue to use it going forward.

Paul Barrett, Aico's Regional Specification Manager for the South East.



To learn more about the Connected Home Solution please visit our website - [www.aico.co.uk/smart-home](http://www.aico.co.uk/smart-home)