

August 2023

# CASE STUDY

MAGNA HOUSING UTILISES  
AICO'S 3000 SERIES IN LDT  
UPGRADE FOR SHELTERED  
HOUSING SCHEME

TOGETHER WITH



MAGNA HOUSING  
ARE UPGRADING  
THEIR SOCIAL  
HOUSING  
SHELTERED  
SCHEMES TO GRADE  
D1 LD1, AS PER THE  
RECOMMENDATIONS  
IN BS5839-6:2019.

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Magna Housing are upgrading their social housing sheltered schemes to Grade D1 LD1, as per the recommendations in BS5839-6:2019. The key challenge Magna addresses in this project is the need to enhance fire detection and warden call systems to ensure the safety and well-being of residents.

By implementing Aico's 3000 Series Smoke, Heat, and Carbon Monoxide detectors, along with the expertise of T2 Fire & TECS, Magna can achieve comprehensive protection and meet the latest British Standards recommendations.

## MAKING UPGRADES: STAYING COMPLIANT WITH BRITISH STANDARDS

Magna Housing is a prominent housing provider in the southwest of England, dedicated to ensuring the safety and well-being of its residents.

They have initiated a significant upgrade project in their sheltered and supported housing schemes to comply with the standards set out in BS5839:6 2019. For this purpose, they have collaborated with T2 Fire & TECS, a Yeovil based company that are specialists in fire detection and warden call solutions. Magna specified Aico's 3000 Series detectors due to their advanced technology and full-circle protection capabilities.

The primary issue faced by Magna Housing was the necessity to upgrade their fire detection and warden call systems to comply with the British Standards (BS5839-6:2019).

# FULL CIRCLE PROTECTION WITH THE 3000 SERIES

The chosen solution to meet Magna Housing's requirements was the installation of Aico's 3000 Series, known for its advanced technology and ability to detect both fire/heat and carbon monoxide. This solution was selected to ensure full-circle protection for the residents. Solid evidence gathered in working groups in the region, such as successful installations at other housing providers, supported this choice.

The project will bring Magna Housing's supported housing schemes to comply with the standards set out in BS5839-6:2019. LD1 requires the installation of a comprehensive fire detection system, including fire alarms in every room except the bathroom and areas forming part of escape routes, along with a heat alarm in the kitchen.

The Aico Relay Ei128RBU plays a crucial role in facilitating seamless integration between Aico's fire detection and alarm systems and the warden call systems. This integration is essential in sheltered and supported housing schemes, where the quick response to emergencies is paramount.



We are thrilled to be part of the project that involved upgrading the fire protection systems in the sheltered and supported housing schemes for Magna Housing. As a contractor, it is our responsibility to prioritise the safety and well-being of the residents we serve, and this project allowed us to do just that.

Working closely with Aico and Magna, we identified the need to achieve the highest level of fire protection, Category LD1, to ensure comprehensive safety coverage in the housing schemes.

A pivotal element of our solution was the seamless integration of Aico fire alarms with the warden call system through the Aico Relay Ei128RBU. This ingenious product allowed us to connect fire alarms in every room, except for bathrooms, and areas forming escape routes, along with the installation of a heat alarm in the kitchen.

The Aico Relay Ei128RBU proved to be a game-changer, enabling immediate alerting and response to potential fire incidents. We take great pride in knowing that our integrated solution empowers Magna Housing to provide rapid and efficient responses during emergencies, enhancing the safety and security of the residents.

We extend our gratitude to Magna Housing for trusting us with this critical project and for their unwavering commitment to resident safety.

Jon Marshall, Sales Director, T2 Digital & TECS







## ENHANCED PROTECTION WITH QUICK RESPONSE: 14,000 DEVICES INSTALLED

The recommendations from Aico and T2 Digital & TECS will lead to the successful installation of approximately 14,000 Aico devices. The seamless integration and wireless connectivity offered by Aico's 3000 Series ensures quick response and enhanced protection for Magna's valued residents.



Magna is partnering with Aico and T2 to ensure all its Sheltered and Supported Housing meets the latest recommendations in the British Standards (BS5839-6). T2 will be installing the Aico product range to provide best in class protection for our residents. The 3000 series enables us to cover the whole property from one range of products.

Ian Wood, Service Manager (Sheltered and Supported Housing) at Magna



# COMPREHENSIVE FIRE SAFETY COVERAGE

The collaboration between Aico and T2 Fire & TECS has proven effective in upgrading Magna Housing's sheltered schemes to Grade D1 LD1 standards. By choosing Aico's 3000 Series, Magna has ensured comprehensive safety coverage and seamless integration with TECS systems, aligning with the British Standards' recommendations.

The successful implementation and positive outcomes highlight the importance of prioritising resident safety and selecting best-in-category products for such crucial projects.



We are pleased to be working with T2 and Magna to install the flagship Aico 3000 range of products across their sheltered and supported housing stock.

Jon Marshall and his team are very well regarded in the sector and a pleasure to work with.

It's great to be able to support them in their ongoing work with Magna as they seek to always offer the very best in home life safety for their valued residents.

Steve Bulley, Regional Specification Manager, Aico



To find out more about our 3000 Series,  
please visit - [www.aico.co.uk/series/3000-series/](http://www.aico.co.uk/series/3000-series/)