

Auro Door – world's first self-testing IoT fire door launched by Harmony

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Harmony has launched [Auro Door](#), the world's first fully integrated and certified IoT (Internet of Things) fire door. Auro Door is initially launched as a self-testing, 30-minute rated (FD30) UK manufactured fire door that helps keep residents safe 24/7 by actively monitoring its performance and is Harmony's innovative response to a compliance challenge that is growing in magnitude across the housing sector.

Landlords increasingly report that their mandatory compliance inspection regimes for fire doors are incomplete through lack of access to homes, increasing risks to those individual residents and the wider building community if fire doors are found to be non-compliant. Auro Door provides invisible, always-on fire door compliance monitoring, protecting residents every day of the year between annual inspections.

In addition to real-time compliance notifications, Auro Door provides asset managers with essential predictive maintenance information to ensure wearing components, for instance door closers, can be replaced in line with product specifications and ahead of more costly failure, that can also compromise door integrity.

Designed from the outset to embrace the Golden Thread of Information ethos, Auro Door provides landlords with immediate validation on installation, then performance against strict measurement tolerances is tracked in real-time for the lifetime of the door. Embracing developments in AI, Auro Door is a continuously learning product, with pattern recognition data constantly informing future development and predictive maintenance regimes.

Auro Door connects seamlessly to existing facilities management systems, or as a standalone system, and the flexible interface enables customised dashboard configurations, warnings and alert notifications. The

ability to remotely provide an instant and comprehensive overview of fire door compliance is a major leap forward in the use of IoT data to protect residents and building assets.

Ged Moore, Managing Director at Auro by Harmony, commented: “Auro Door addresses a major challenge facing organisations with responsibility for resident safety, that of access to homes to assess fire door compliance. Registered Providers regularly report that over a third of fire doors cannot be annually inspected due to access issues, with Auro Door providing an innovative solution for safety compliance that is constantly vigilant and self-reporting.

“As a front-line defense against the ingress of smoke and fire into homes, Auro Door is a life-saving barrier, manufactured to the highest quality standards and incorporating a unique active monitoring system that transforms fire door compliance from annual inspection to self-reporting and diagnosis.”

Auro Door represents the beginning of a suite of smart, connected life safety systems conceived, designed and built by the UK’s leading fire safety specialist to transform safety outcomes across the built environment.