



Innovative smart testing with Sinteso fire safety

For service efficiencies and improved costs

Siemens is focused on delivering high quality service and maintenance for life safety and fire systems to multiple sites across the UK and Ireland.

Key to supporting customers is our innovative approach to fire system testing through the use of smart tools and applications to fully support your Sinteso fire investment.

Our unique Smart Test enables all systems to be tested without losing any coverage, even during normal working hours, and without causing costly unwanted evacuations. It is available to customers with Sinteso MP 6.0 and above.

The outcome means business continuity is ensured, fire safety performance is maintained, and engineering resources are utilised more efficiently.

Continuously investing in support for your Siemens fire safety technology

Continuity during testing: Smart Test enables a full analysis of your Sinteso fire system, with no loss of functionality during the test process, even during working hours. Siemens has made this possible by developing detectors that don't require the isolation of output controls during testing, and importantly, detectors and zones are never put into a test mode that could mask a real fire.

Single engineer testing: Innovative smart tools, including mobile Apps, enable testing to be carried out during normal working hours by a single engineer, rather than a dual team, delivering further cost savings and manpower efficiencies.

Non-invasive testing: Smart testing for Sinteso detectors introduces light particles into the detection chamber, instead of synthetic products or smoke particles, in contrast this is clean and calibrated and does not contaminate the device. Testing with light particles helps promote the life of detectors and means the performance of each detector is never eroded by testing procedures. Even multiple, continuous testing will not impact the operation of the Sinteso detector, and as this test checks the efficacy of the smoke inlet path, it is fully compliant with the BS 5839 Part 1 2017 Code of Practice.

Self-testing detectors: Sinteso devices 'self-monitor', constantly evaluating and seeking out any potential faults and improvements, not just for components but also the detector optical chamber itself. This enables customers to reduce service costs by extending the functional test from a 12-month period to a 24 to 36-month period, providing the risk analysis to support this is agreed by all relevant parties.

Every Sinteso detector supports full baseline monitoring, meaning it monitors the health of each individual PCB component and immediately alerts if it finds a fault. This unique feature enables better customer fire safety management and saves valuable engineering time.

Reporting: Automatic generation of detector contamination reports means customers can proactively plan preventative maintenance as the reports detail the exact percentage of contamination inside each individual detector. This pre-empts a 'change detector' message to the fire system, enabling improved replacement planning and optimum system performance.

An industry milestone: This is a significant step forward within the fire industry. In contrast to conventional methods that require a zone or line of devices to effectively become inoperable during the test process, Smart Test ensures detectors remain operational, and there is no loss of coverage.

Your people and property remain safe and protected at all times.