

CONNECTED SERVICES

A new era in fire detection
and maintenance

Honeywell
GENT

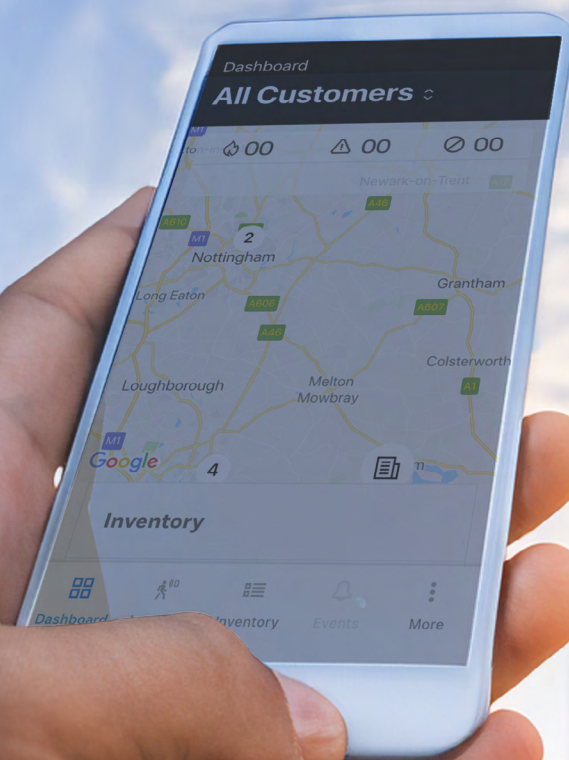
THE FIRST EN-APPROVED SELF-TESTING FIRE DETECTOR

Honeywell's patented Self-Test technology digitises and automates the testing process to ensure a greater compliance of life safety systems to local codes of practice.



THE CLSS APP

Honeywell's Connected Life Safety Services (CLSS) app places connectivity at the heart of fire safety, providing real-time visibility to drive timely, accurate decision making.



WHAT IF

YOU COULD PERFORM 100% OF FUNCTIONAL FIRE TESTING?

Access to locked or occupied rooms can be a problem during testing, but Self-Test does not require any access to locked rooms to perform functional tests. By reducing the engineer's tool set to just a mobile phone with the CLSS app, Self-Test ensures a non-invasive presence on-site.

YOU COULD ACCESS DIGITAL COMPLIANCE REPORTS WITH EASE?

Honeywell CLSS tools provide you with a consolidated or detailed view of your customers' systems. An overview of planned maintenance progress is possible, along with regulatory and non-regulatory reports at a touch of a button.

YOU COULD IMPROVE THE COMMISSIONING AND HANDOVER OF NEW INSTALLATIONS?

CLSS delivers key panel functionality to the palm of your hand. You can find, test or disable devices, activate and record the cause and effect logic, silence and reset the panel, and even update device labels.

YOU COULD ENSURE YOUR ENGINEERS HAD THE RIGHT PARTS IN THE VAN?

CLSS enables engineers to understand what is required before their next site visit. Detailed system status information can be viewed, increasing first time fix rates and improving maintenance performance.

YOU COULD MONITOR YOUR ENTIRE PORTFOLIO FROM ANYWHERE?

CLSS provides deep insight by customer, site, building or device. System age, health and status information enables more efficient maintenance planning as well as real-time monitoring of system events.

YOU ONLY NEEDED ONE ENGINEER FOR EACH SITE VISIT?

The control functionality of the CLSS App allows you to test with only one engineer on site. The unique features of 'zone test', 'find outstation' and 'change label' are controlled via the mobile app, removing the need for a second engineer.

REVOLUTIONISING FIRE TESTING

Discover the ground-breaking advancements in fire safety technology with Self-Test, the winner of the prestigious Edison Innovation 'Safety & Security' gold award in April 2023.

INNOVATIVE TECHNOLOGY

ENTER THE ERA OF DIGITAL TRANSFORMATION

Self-Test detectors feature an internal module that generates smoke, allowing for functional testing of the optical sensor. A small fan expels the smoke through designated smoke entry points, ensuring unobstructed detection in the event of a real fire. Additionally, the internal thermistor is safely heated, providing the functional test of the heat sensor.

With an internal Bluetooth Low Energy Emitter (BLE), the detectors automatically connect to a mobile phone App, which enables engineers to easily locate and visually inspect the device and its location to ensure fire safety and compliance.

UNDISPUTED COMPLIANCE

100% FUNCTIONAL TESTING

A new British Standard, BS6844-1, has been introduced as a guide to managing fire safety information digitally. Traditionally, fire testing documentation relied on printed results, leaving room for dispute. The Connected Life Safety Services (CLSS) app captures all Self-Test activities, including the functional testing and visual inspection commentary with accompanying photographs.

CLSS records all daily events, creating a comprehensive digital logbook stored securely in the cloud. This digital logbook ensures no information is lost, providing invaluable historical records for fault investigation and false alarm analysis.

OPTIMISED SAFETY AND COMPLIANCE

Safeguarding lives and buildings is paramount, and Self-Test ensures optimal safety and compliance with fire system standards. The BS5839-1 Code of Practice mandates functional testing and visual inspections during both the commissioning and maintenance phase of a fire system.

Self-Test automates these processes, allowing quick testing across multiple devices and ensuring all sensing elements within detectors are properly tested.



BOOSTING EFFICIENCY

IMPROVED EFFICIENCY AND PRODUCTIVITY WITH CLSS

The intuitive CLSS app provides a user-friendly interface for interacting with the fire system.

The App offers a wide range of testing options tailored to specific building needs, emphasising efficiency and speed. Large-scale device testing can now be conducted in a fraction of the time, streamlining the process and enhancing overall fire safety.

Capture essential events, test results, and visual inspection information with the CLSS app, enabling engineers to identify necessary corrective actions more effectively.

MINIMISING DISRUPTION

MINIMAL DISRUPTION, MAXIMAL SAFETY WITH SELF-TEST

Traditional testing procedures often introduce high risk due to the isolation of the panel detection and alarms during testing. This often requires the presence of Firewatch staff to monitor the building and raise the alarm in the event of a fire emergency. Once testing is complete, fire detection automatically resumes, reducing system downtime and eliminating the need for Firewatch.

LOW IMPACT TESTING

WITH SELF-TEST

Access to locked or occupied rooms can be problematic during testing, but Self-Test requires no physical access to the device to perform functional testing, resulting in minimal impact on the building and its occupants.

Self-Test also eliminates the need for ladders, scaffolding, and scissor lifts to reach hard-to-access detectors, avoiding potential safety hazards, and reduces the need for out-of-hours testing.

OPTIMISED PRODUCTIVITY

FOR A REDUCED CARBON FOOTPRINT

The UK government has set a goal of achieving carbon neutrality, also known as Net Zero, by 2050. Reducing overall energy consumption to support building operations, including peripheral activities, is crucial.

Self-Test detectors consume minimal energy and streamline testing processes, which eliminate the need for additional equipment and return visits to inaccessible areas, contributing to a reduced carbon footprint.



AN ESSENTIAL TOOL FOR EXCEEDING COMPLIANCE

COMPLETING THE VISUAL INSPECTION WITH EASE

- Self-Test devices have a Bluetooth Low Energy transmitter (BLE).
- The CLSS app will show which device is closest to the engineer.
- The engineer can assess the environment and device information to complete the compliance test on the CLSS app.
- The BLE beacon will verify that the engineer has been within visual inspection range of the device.
- Information is stored within the app for the maintenance report and compliance certificate.



FLEXIBLE TESTING WITH SELF-TEST

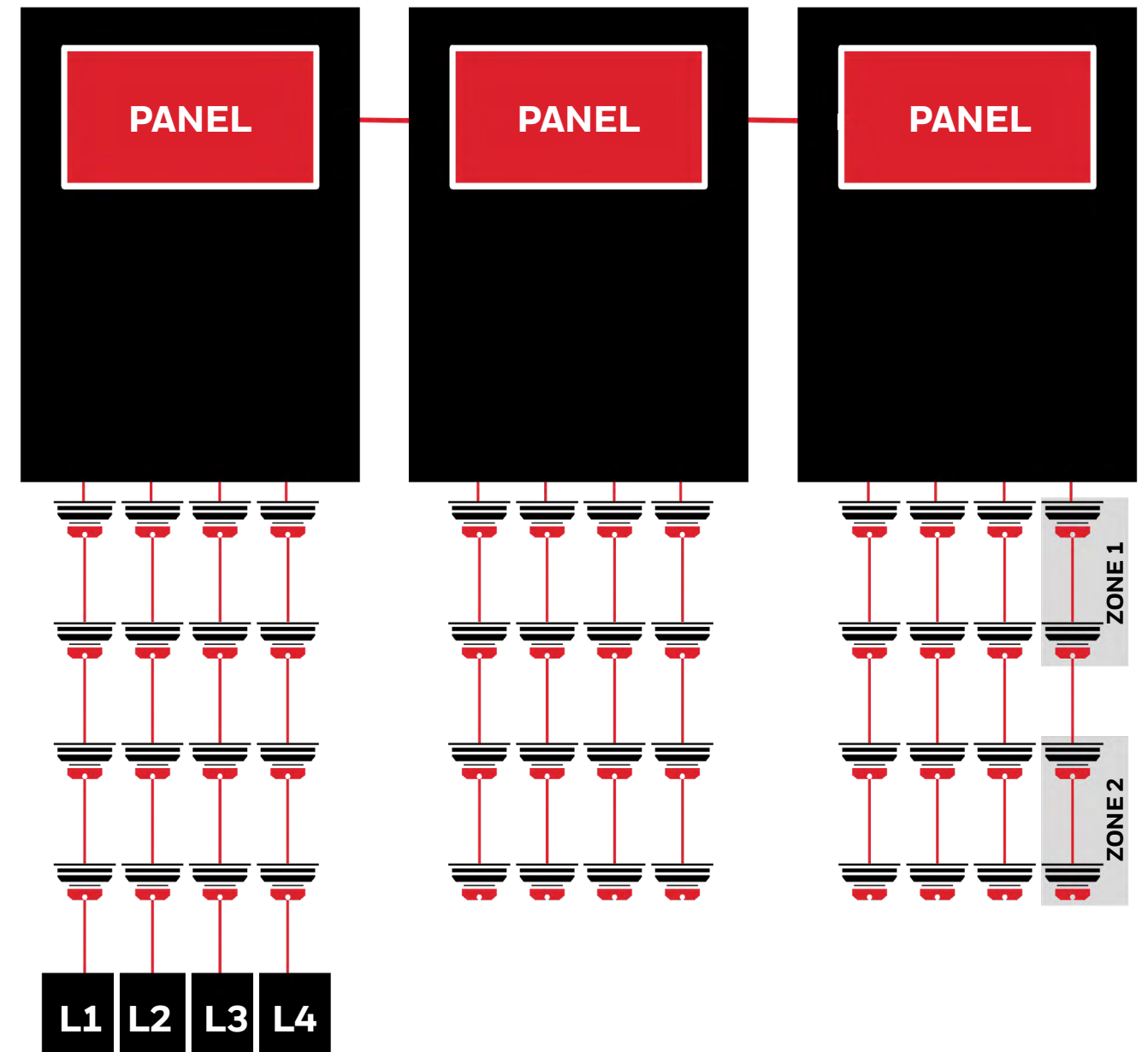
- Six devices can be tested at once per loop
- Multiple loops can be tested simultaneously per panel
- Multiple panels can be tested simultaneously
- Self-Test can also be tested by zone or by multiple zones

EXAMPLE 1

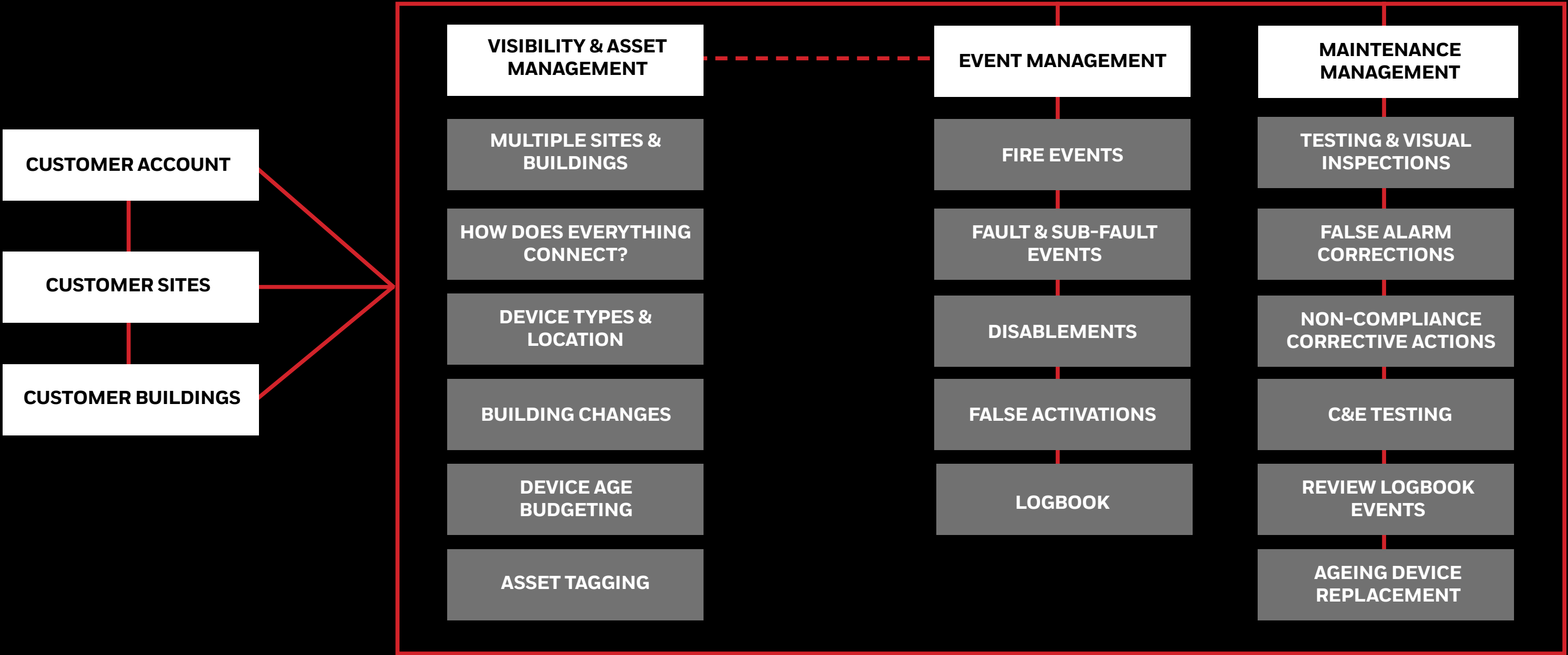
100 devices can be tested in under 18 minutes per loop

EXAMPLE 2

1200 devices – 100 devices per loop across 3 panels (12 loops)
can still test in under 18 minutes



AN ESSENTIAL TOOL FOR DIGITAL FIRE SYSTEM MANAGEMENT





JOIN THE #SELFTESTREVOLUTION

[FIND OUT MORE](#)

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CLSS-CS-BR-CP | Rev.1 | 01/24
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