Retro Kit.

A RANGE OF PRODUCTS THAT ENABLE THE SELECTION, REPLACEMENT AND INSTALLATION OF FAULTY, NON-COMPLIANT OR DAMAGED SMOKE CONTROL SYSTEMS

About Group SCS

Industry experts with more than 25 years of experience

Group SCS is an expert provider of smoke control systems and BEMS, delivering solutions with safety at its core. Our work on thousands of complex UK construction projects and in-depth knowledge of the smoke control industry have paved the way to innovation and given us the expertise required to handle projects of any scope.

Group SCS offers a pre-designed suite of customisable solutions that can be applied to a wide range of buildings for the protection of escape routes. The current range includes:

- Smoke shafts
- Automatic opening vents
- Car park ventilation
- Fire and smoke damper control systems
- Fire curtains

What we offer

Smoke Control

Comprehensive packages with innovative open source controls that facilitate integration with our BEMS and fire alarm installations.

BEMS

Cost and energy-efficient systems that integrate various environmental controls such as heating, lighting, ventilation and security through one system.

Modular Solutions

A range of standardised modular smoke control systems that can be self-selected, specified and purchased through a variety of routes.

Window Technology

A wide range of innovative solutions for the automation of windows, roof & skylights for natural, smoke and environmental ventilation.

Training

Group SCS supports a network of trained Approved Installers, who have expert knowledge of our range and benefit from our ongoing support.

Support & Afercare

Our Support and aftercare division provides service and maintenance and ensures that buildings remain safe after handover.

What is the Retro Kit?

A range of products created to enable the easy replacement of smoke control systems

The Group SCS Retro Kit has been developed to allow building owners, managers and tenants to have confidence in the operation of their buildings' smoke control system. The range of products enable the easy selection, replacement and installation of faulty, non-compliant or damaged systems. It is cost effective and uses open protocol software. Retro Kit includes both modular and central control panels, so that existing cabling (where possible) can be used for minimal disruption to tenants.

Subject to the existing cabling and a site survey, the system can be integrated with our self-test proactive maintenance software called Eyeball. Eyeball is a remote self-testing system, which gives the building owner comfort that their life safety systems are operating correctly.

Why is the Retro Kit the best solution for you?

Most multi-occupancy residential buildings will have a smoke ventilation system installed. Be it either a small single stair building, or a building with a multi-level smoke ventilation system.

The Regulatory Reform (Fire Safety) Order 2005 requires that "*smoke control equipment be serviced in accordance with BS 7346-8:2013-9, BS 9999:2017 Annex V, to the requirements of the applicable parts of BS EN 12101 and the manufacturer's service specification by a suitably trained and competent person within six months of commissioning and annually thereafter*".

The 'responsible person' at commercial buildings, non-domestic and multi-occupancy premises in England and Wales is obliged to undertake a 'suitable and sufficient' fire risk assessment, carried out under the Regulatory Reform (Fire Safety) Order 2005. This obligation extends to ensuring that all fire prevention and safety systems are in full working order, including smoke control ventilation systems and their components.

Installation and availability

The Retro Kit is available via our national network of Group SCS Approved Installers. The products are manufactured in our factory in Bournemouth and are available from stock. To reduce the initial cost of a system, Group SCS can arrange finance to spread the cost over either three or five years to help manage the cost of building maintenance.
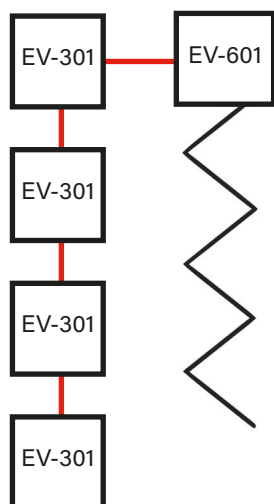
Your local Approved Installer will carry out a site survey and advise which Retro Kit suits your system. An Eyeball suitability survey can also be carried during our consultation.

What systems will the Retro Kit replace?

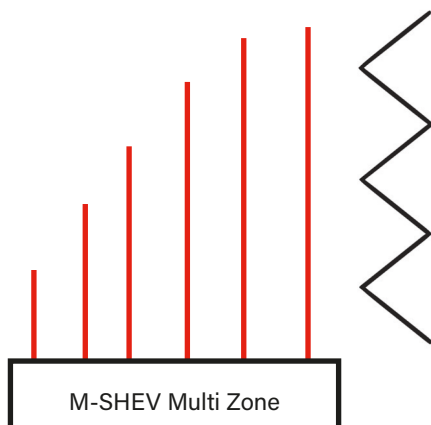| Modular Control System	EV-301/601

The EV-301 interface panels can operate as a standalone AOV control panel or as a natural shaft providing powered outputs for smoke vents / dampers with a separate output for dedicated environmental ventilators. The panel accepts smoke detectors, fire alarm interfaces, override switches and environmental sensors.

Central Control System	M-SHEV

M-SHEV® - the intelligent control panel for single and multi-zone smoke ventilation. The system is built up using the required input and output modules which are programmed to provide either a BRE Smoke Shaft type cause and effect, or multiple zoned AOVs.

Small single stair

Available Equipment

SMOKE DETECTOR

ACTUATOR

INTERFACE PANEL

FIREMAN'S OVERRIDE SWITCH
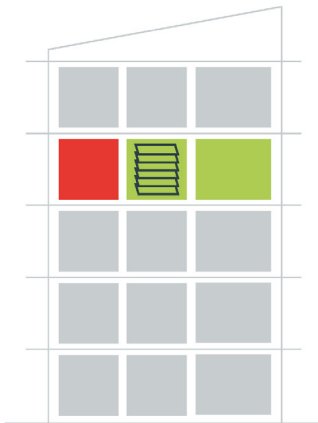
LOUVRED VENTILATOR

HATCH VENTILATOR

GLASS LOUVRE WINDOW

AOV Window

Available Equipment

SMOKE DETECTOR

ACTUATOR

INTERFACE PANEL

FIREMAN'S OVERRIDE SWITCH

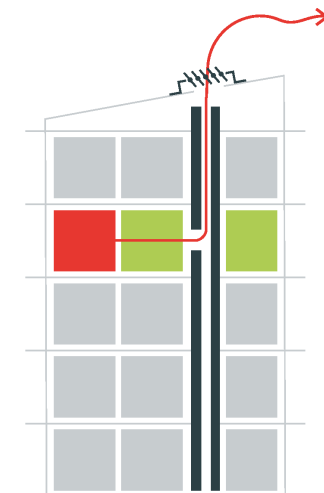LOUVRED VENTILATOR

HATCH VENTILATOR

GLASS LOUVRE WINDOW

Natural Smoke Shaft

Available Equipment

SMOKE DETECTOR

ACTUATOR

INTERFACE PANEL

FIREMAN'S OVERRIDE SWITCH

LOUVRED VENTILATOR
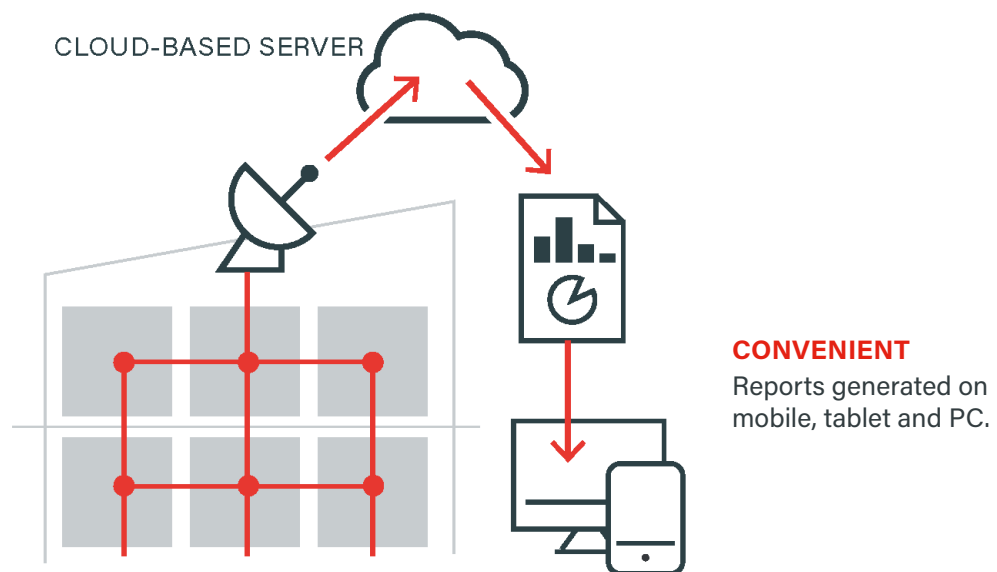
HATCH VENTILATOR

LOBBY DAMPER

Eyeball Remote Monitoring

AUTOMATIC TESTING AND REPORTING SYSTEM

OVERVIEW	The Group SCS remote monitoring and testing system, Eyeball, is an ideal time-saving solution that lowers risks and increases efficiency. The automatic testing and remote reporting functions of Eyeball eliminate the need for weekly and monthly checks. Group SCS' fire safety expertise is a guarantee that all projects are compliant with all current building regulations and that building users are fully protected in the event of a fire.
SYSTEM	The system is connected to a Cloud-based server with Eyeball hardware providing web access via PCs, tablets and smartphones for monitoring and diagnostics. Data on test results, system status and alarms is sent to the Cloud to generate reports and send alerts via email or SMS. With support for all UK networks, Eyeball - which is a subscription service - is designed to work in any geographical location with 3G/GSM/GPRS service.
COMPATIBILITY	All Group SCS standard systems will have access to all functionalities of the Eyeball system. Other systems can utilise the technology, however it will have significantly reduced capabilities. NOTE: The Eyeball system will not replace the need for an annual service. Feedback on the vents is required for automatic testing. Group SCS actuators have feedback built in as standard.
BENEFITS	— Scheduled automatic system testing and reporting — Broadband or 3G mobile connectivity — User login for remote testing and diagnostics — Support centre access for remote software diagnostics and updates without a call-out — Secure remote access and data transfer to the Cloud — Installed within and powered by the shaft system main control panel — Extension aerials available for improving 3G coverage — All relevant certification supplied

CLOUD-BASED SERVER

CONVENIENT
Reports generated on mobile, tablet and PC.

LINKED
Connects to all systems and components.
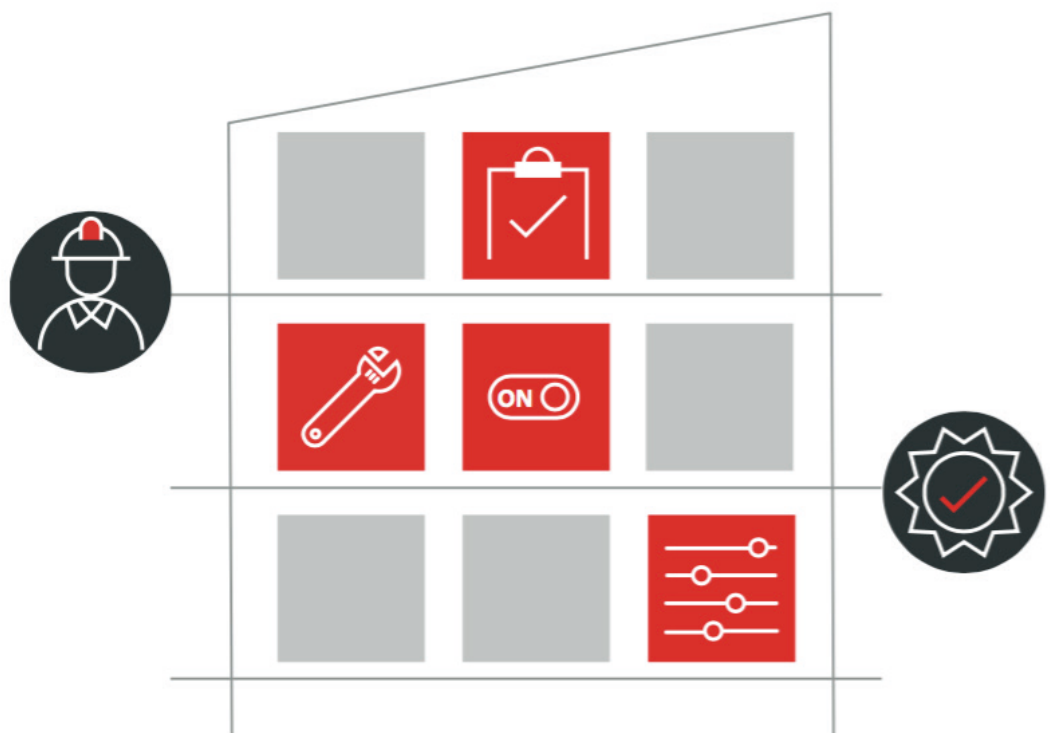
Ai. Approved Installer Network

OVERVIEW

Smoke control is typically procured by mechanical and electrical contractors on a design, supply and install basis from a smoke control specialist. For complex buildings with unique structure, employing a specialist is the safest route. However, the majority of higher risk residential buildings have similar smoke control requirements and are suitable for a modular standardised approach to fire safety. Selection and installation of these standardised systems are well within the realm of competence of most mechanical, electrical or fire and security contractors.

BENEFITS

Approved Installers are contractors that have met our high entry requirements and undertaken the Group SCS training courses at our Technology and Training Hub. They are certified and equipped with the tools and knowledge required to operate and install our modular systems. Working with one of our Approved Installers guarantees that they will know our products inside out and help you achieve the best results.

Group SCS Approved Installers go through an extensive practical course that covers the design, installation and commissioning of all our modular systems. The Group SCS Technology and Training Hub is equipped with a full training suite where Approved Installers get hands-on experience in operating our systems as part of their training.

Group SCS maintains a high standard and extends that to its Approved Installer Network. By choosing to work with a Group SCS Approved Installer, you benefit from their skills and experience, as well as the support and expert knowledge of Group SCS.

FOR MORE

To find an Approved Installer in your area, visit **our website**.

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