

**SAFE &
SOUND**
CONTROL SYSTEMS



01. MARLOWE THEATRE



COMPANY INFORMATION

Safe and Sound Control Systems

Our aim at Safe and Sound Control Systems is to provide a complete service solution throughout the building services sector, from initial design of smaller controls systems through to full building management controls.

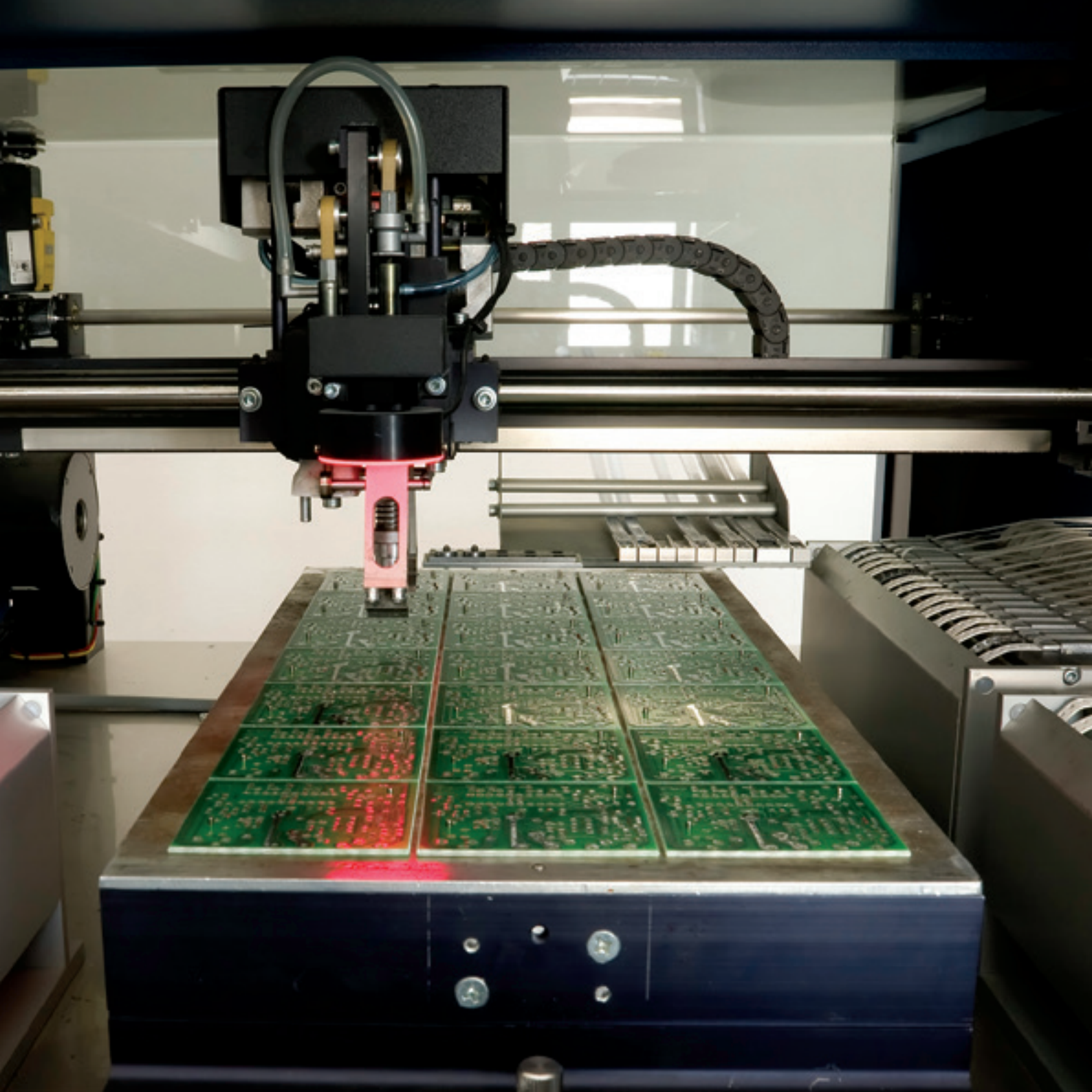
Safe and Sound are leading experts in the application, design, installation and commissioning of leading edge technology now utilised within the building service sectors and management of these sectors. These vary from Trend Control Systems, TAC Satchwell Controls, Allen Martin, Window-master natural ventilation solutions, onto basic discreet stand-alone control systems.

Safe and Sound Control Systems are accredited by several of the large UK wide manufacturers of BMS systems and have in all cases received continual ongoing training and support on these industry leading products.

We are driven to provide a low energy, low carbon building environment for the commercial sectors, schools, offices and factories. We have a very broad blue chip portfolio that we are incredibly proud of.

We have been established since 1991 so have years of experience in providing the right solution for each application we are involved with. Our philosophy here at Safe and Sound is repeat business, assuring our clients first class turnkey project management and post project care.

Mike Bullen
Commercial Director



SERVICES

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We have CIS5 registration, our employer's liability insurance cover is £10 million, public & products liability insurance cover is £5 million and we also have professional indemnity insurance proving that we take our legal and social responsibilities very seriously. All our project managers, installation electricians and commissioning engineers carry CSCS skills cards and have been List 99 checked.

A number of our personnel also have Metropolitan Police clearance, Kent Police and East Kent Prison passes.





SERVICES SYSTEM DESIGN & MANUFACTURE

DESIGN & CUSTOMER FOCUS

Our team use their extensive knowledge gained through years of experience to offer bespoke solutions in conjunction with the specifiers, consultants and contractors to provide a solution that meets the technical and commercial aspects of the project from the initial conceptual design through to completion.

CONTROL PANEL MANUFACTURE

All control panels are designed and manufactured in house by our dedicated panel team based at our head offices in Canterbury. Our control panels are only manufactured utilising quality main stream and readily accessible components. Panels are manufactured to Form 2, Form 3 or Form 4 (BS5486 Part 1 1990) and are available in wall or floor standing variants, with weatherproof alternatives also available. Custom made solutions and paint finishes are also available upon request.

PROJECT MANAGEMENT

Every project is managed by a dedicated Contracts Manager who will run the project from the design process through to final completion and handover to the client. All control panels are manufactured in house to design drawings which are produced on a CAD based system. All software design, engineering and front end supervisor graphics are also carried out by in house engineers.

NATURAL VENTILATION

Historically providing an effective solution for interfacing natural ventilation systems to BMS systems has been fraught with technical and contractual difficulties often resulting in non compatible systems being installed. Safe & Sound Control Systems Limited can provide a “one stop shop” for both packages therefore solving such issues. We are approved by both Trend Control Systems and WindowMaster for installation of their natural ventilation control products. Integrated natural ventilation control using three different speeds ensures optimum environmental conditions whilst ensuring that the natural ventilation is operated in conjunction with mechanical systems and air quality controls. Systems are capable of near-soundless automatic operation yet providing audible manual operation and high-speed operation for windows with smoke ventilation requirements and safety features including anti ligature trapping with the same components.

ON SITE INSTALLATION

Our on site installation teams are specially trained to install control/BMS system wiring to the latest electrical regulations. All on site electrical installation works are managed by our project team to ensure that they are carried out inline with our site specific risk assessment and method statements ensuring that program dates are met and that our works are fully coordinated with other trades so that high standards are maintained.



02. CHATHAM DOCKYARD



SERVICES ENERGY MANAGEMENT

We are experts in the design, supply, installation and operation of web-based energy management software to analyse, investigate and reduce energy waste within buildings. When used in conjunction with energy metering and integration solutions an overall understanding of the entire building performance can be gained thus providing performance data that can be analysed to determine a building's environmental performance and utility usage. We provide pro-active, targeted advice including alerts of high energy usage including a report on the likely cause and compare BMS control regimes with energy consumption.

ENERGY AUDIT

Our energy audit services establish the current energy usage, develop an understanding of any user issues and to provide a plant inventory. The energy audit is then reviewed in order to ascertain opportunities for energy savings and system enhancements to reduce lifecycle costs. During the initial energy audit immediate changes are often highlighted and can be made during the visit with the clients approval.

Our energy audit services include BMS controls, lighting, air conditioning, ventilation, hot water, etc Pro-active action taken following an energy audit dramatically cuts energy usage.

A number of automated and semi-automated software systems are available in order to assist with energy analysis and reporting.

METERING

In order to implement a targeted energy management and reduction regime it is essential to understand where energy is being used and why. We are experts at providing intelligent metering solutions gathering real time energy usage and interpreting the results in order to reduce energy usage and reduce a buildings carbon footprint. Energy information gathered can be displayed in many ways including large display screens for education purposes. Energy metering solutions can be stand alone or integrated with the BMS system.

INTEGRATION

We provide fully functional BMS integration with 3rd part devices in order to allow multiple connected resources to share the same data utilising many different communication protocols such as:

MODbus / M-Bus / BACnet / LON / SNMP / KNX

There are many different integration solutions available such as:

- Natural ventilation systems
- Air conditioning equipment
- Meters
- Close control units
- Chillers
- Fire alarm systems
- Lighting control systems
- Security systems
- Access control systems





SERVICES CUSTOMER SERVICE

Our post care division and service and maintenance teams take off where our project teams finish with the very same customer care philosophy delivered during project installation and completion. Our service and maintenance division is a fast growing side of the business with many repeat year on year satisfied customers, relying on our heritage and knowledge throughout the industry allowing us to cover not just our own commissioned building management systems but any other systems not completed by us.

Safe and Sound Controls Systems first priority policy is to understand our customers. Working closely in partnership allows us to understand the needs of the customer and the building requirements to satisfy not only the energy consumption but the individual comfort levels for staff and occupants.

The customer receives 100% guaranteed delivery of our maintenance schedule and will receive the full report detailing the visit within 24 hours of our engineer leaving site. Our reporting is extremely proactive so if something is found to be incorrect or faulty on the day this will be relayed to the site team and in most cases be rectified and repaired on the same day saving an unnecessary further visit which of course saves any further costs.

TELEPHONE SUPPORT

Our dedicated team of experts at our Canterbury office provide 12 month post completion technical advice free of charge on all new projects providing peace of mind for the end user and contractor alike.



ENERGY AUDIT

We can carry out a full energy audit on the property and in consultation with the end user we draw up a comprehensive energy management structure for implementation on the building energy usage.

We can provide a number of energy management software systems that constantly monitor the buildings energy usage so that the customer can maintain accurate records and plan future emergency budgets more accurately based on reliable historical information. The software packages provide the ability to show historical and current usage and to demonstrate energy savings.

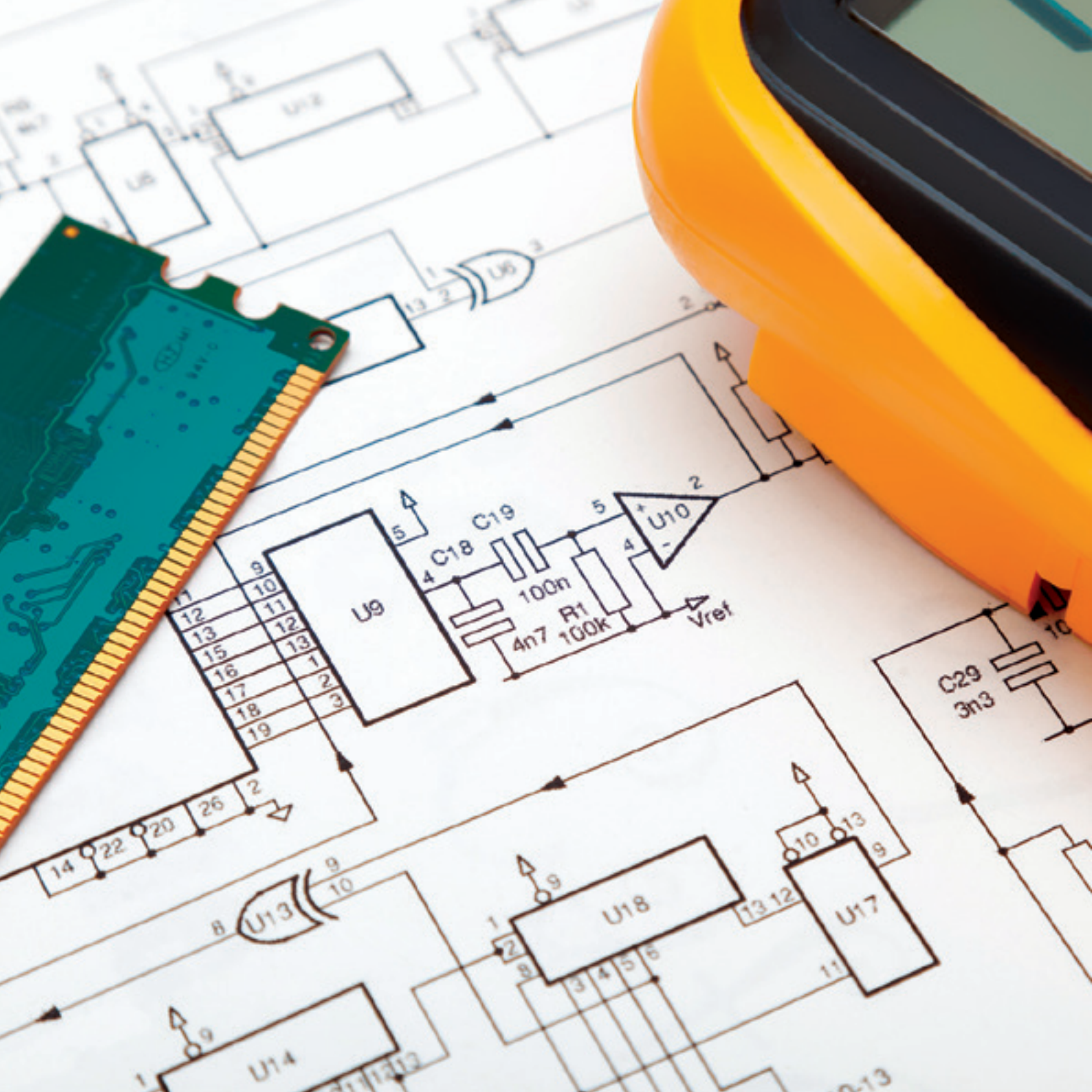
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SEASONAL COMMISSIONING

In order to optimise the performance of any new system we highly recommend our seasonal commissioning services.

Our post completion care team will ensure your new system performance is evaluated post occupancy and fine tuned using various software tools to provide optimum performance whilst maintaining environmental conditions.





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SERVICE SOLUTIONS

Service Solutions that we can provide:

- Building Energy Management
- Control Panel Maintenance
- HVAC Maintenance
- Electrical Test And Periodic Inspecting
- Boiler Maintenance
- Controls Survey And Reporting
- Energy Audit (BMS, Electrical, Gas, Consumption)

MAINTENANCE SERVICES

The basic components of a controls system BEMS or stand-alone include sensors, actuators, controllers, communication systems and a central unit which can be either passive i.e. monitor and rely upon the outstations to act as local control centres, or active and provide a central control function.

Where Building Management Systems are installed it is essential that the Client should be aware of the need for continuous monitoring of performance. Switching off the system, because of a malfunction, or lack of data updates, represents a negation of the investment, and can give rise to poor environmental conditions, and energy wastage.

POST DELIVERY APPROACH

We provide a fully versatile PPM/Reactive program that covers all types of controls installations and mechanical installations with a bolt on emergency response and dedicated bureau service.

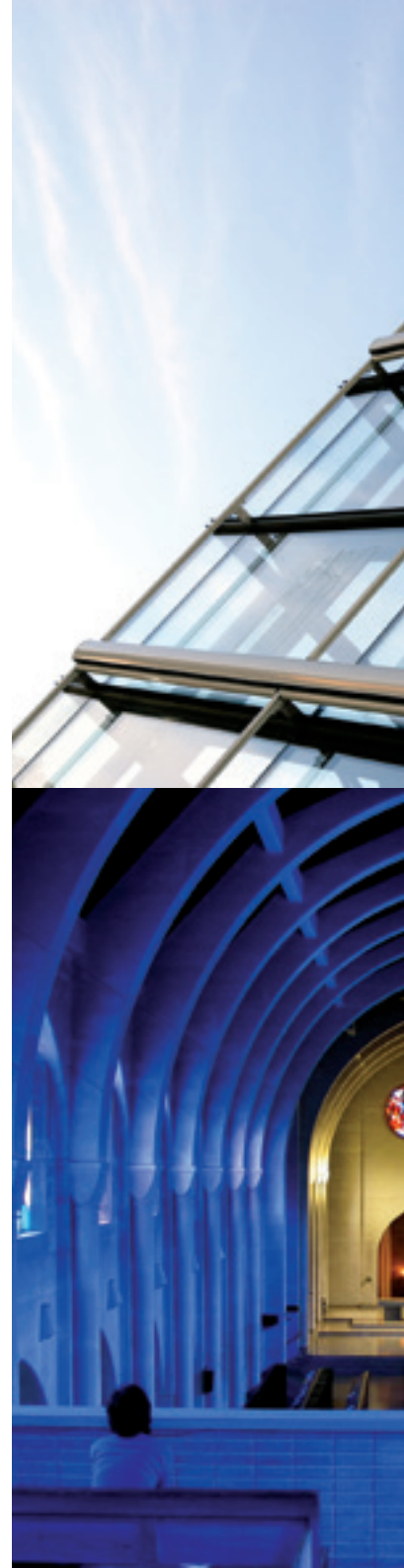
Our electrotechnical phone support from head office provides security and backup for our customers.

WHERE WE OPERATE

Safe and Sound Control Systems has been supplying and servicing clients since 1991 all over the UK.

Our broad commercial client base, from offices to schools to factories, is serviced by our hugely experienced team of operations and support teams.

We also work with the industries top system providers in the UK.





CASE STUDIES



01. MARLOWE THEATRE

- Trend IQ3 BMS with natural ventilation control
- Intelligent metering
- 963 front end supervisor



02. CANTERBURY COLLEGE

- Interface with existing Satchwell network
- Embedded web graphics



03. BISHOPGATE

- Trend IQ with full integration with VRF equipment
- Variable volume control of AHU
- 963 front end supervisor



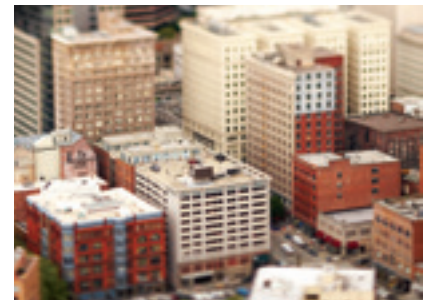
04. DOVER CASTLE

- Trend IQ3 with 963 front end supervisor
- Bespoke integration with English Heritage temperature and CO2 monitoring system



05. MARSH ACADEMY

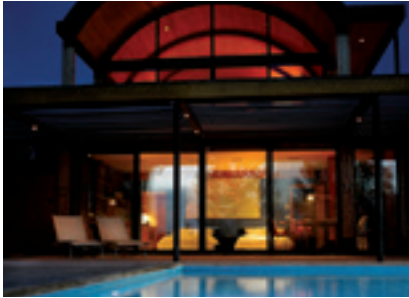
- Trend IQ3 with full integration with WindowMaster™ natural ventilation system
- Intelligent metering
- 963 front end supervisor



06. CANNING TOWN

- Trend IQ3 central plant including CHP with remote access

For more detail visit www.safeandsoundcontrols.com



07. THE BURROWS

- Trend IQ3 with full integration with Crestron home automation system



08. COIN STREET NEIGHBOURHOOD CENTRE

- Trend IQ3



09. AVON & WILTS NHS TRUST

- Multiple site Trend IQ3
- 963 front end supervisor with remote access via secure VPN



10. ICELAND FROZEN FOODS CENTRAL DISTRIBUTION CENTRE

- Trend IQ3 with site wide fibre optic network
- 963 front end supervisor



11. KINGS SCHOOL

- Multiple Trend IQ3 sites via web link



12. COUNTY SQUARE SHOPPING CENTRE

- Trend IQ3 with site wide fibre optic network



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