



Airvent Systems (Services) Ltd

The Company was formed in 1994 as a whole life service support facility to Airvent Systems Ltd (formed in 1988), who specialise in the design and installation of all types of smoke control schemes.

Since then the business has developed into the largest independent provider of this type of specialist support in the UK, covering all building types and all manufacturers' ranges of equipment.

By combining the experience and expertise of both Companies, we are able to offer fully integrated whole life support solutions tailored to each specific application, ensuring that the original scheme philosophy of operation is retained.

Support Contracts

Each Contract is developed to cover the necessary levels of support required.

Initial levels cover:-

- Programmed preventative planned maintenance
- Emergency call out (24 hour, 365 days per year)

- Spares support
- Repair and refurbishment works
- Regulatory Compliance and Certification

Further support layers are added as and when appropriate, including:-

- Design support (where changes are made to the building fabric or function)
- Condition Reporting (where whole life depreciation and condition monitoring highlight reductions in system reliability)
- Compliance (where changes in Regulations are introduced which affect the scheme under contract)
- Consultancy (including 'cause and effect' monitoring, Fire Risk Assessment, Fire Authority negotiations)

Operating independently throughout t





Contract monitoring

The volume of information generated by the increasing number of contracts operated by Airvent, together with increasing complexities in scheme design, provide us with a powerful database of information which is used where problems are encountered.

Whole life depreciation and condition monitoring is developed for each installation from this database, providing Clients with an early warning system where replacement or major refurbishment may be required. Phased works can generally be developed to spread costs over a number of years using this method.



the UK to maintain life safety systems

24 hour,
365 day
emergency
facility

Regulatory Compliance

With the increasing complexity of Regulations, both existing and proposed, Airvent have developed a support facility which covers all requirements related to smoke ventilation and control.

- Fire Precautions Act 1971
- Fire Safety Act 1987 Fire Precautions (Workplace) Regulations 1997
- Fire Precautions (Health and Safety) Regulations 1999
- BS7346:1990 Parts I, II, and III
- BS5588:1998 all parts for smoke ventilation
- BS5588:1998 Part 4 for Pressurisation Systems
- B.S.R.I.A. Specification 1/75 for Pressurisation Systems
- I.H.V.E. Commissioning Code A for Pressurisation Systems
- H&S 2169 Pressure Systems and Gas Container Regulations
- H&S Regulation 6 – Maintenance and Testing
- H&S and IEE Regulations relevant to servicing and high level access works
- IRATA for rope access (abseil) works at high level



