# SOLUTIONS

Engineering excellence in the pursuit of life and property protection

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## INTRODUCTION

HFS Ltd are a leading independent systems company providing engineered fire detection and related life safety solutions.

With over 30 years experience we have forged professional partnerships with industry leading manufacturers. Our systems are carefully tailored to our clients risk to ensure optimum performance along with full British and EN standards compliance.

#### **OUR DISCIPLINES**

Fire detection & alarm systems

- Public address voice alarms
- High sensitivity smoke detection systems (HSSD)
- Emergency Lighting

- Fire suppression systems
- Emergency communication and refuge alarm systems
- Social alarms nurse & warden call staff safety systems

#### LOOKING FOR AOV/SHEV SYSTEMS?

Our group company Hunter Ventilation Ltd are a leading specialist in the design, supply, installation and maintenance of compliant systems that include:

 Natural smoke ventilation
Stairwell ventilation
Car park extraction systems
For more details go to www.hunterventilation.com



#### OUR SECTORS

#### HFS have over 30 years experience of engineering excellence within the following sectors:

Residential Apartments	Student Accommodation	<b>V</b> Hotels	Leisure
V Hospitals & Healthcare	Offices	Commercial	<b>V</b> Manufacturing
Local Authority	<b>V</b> Facilities Management	<b>V</b> Education	<b>V</b> Distribution & Logistics
<b>V</b> Travel	Sports Stadia	Car Parks	<b>V</b> Retail
<b>Pharmaceutical</b>	<b>V</b> Custodial	V Housing Associations	<b>∨</b> Data Centres



## FIRE DETECTION & ALARM SYSTEMS

# HFS provide numerous solutions, each of which are carefully tailored to suit your exacting risks.

We offer robust fully compliant systems covering basic conventional up to multi panel analogue networked systems and a range of radio based wireless options.

Working with industry leading manufacturers we can provide a solution that both outperforms your expectation and meets your budgetary requirements.





## FIRE SUPPRESSION SYSTEMS

# HFS are a turnkey solutions provider of gas suppression installations in Data & Communications centres.

HFS offer various solutions, fit for environment, using a variety of suppression agents and differing detection methods, fully compliant with all current standards.

## EMERGENCY COMMUNICATION & REFUGE ALARM SYSTEMS

Emergency voice communications systems offer a means of secure communications for various applications such as disabled refuge, fire officer telephone communications, fire wardens, event stewards and public help points.

Fixed audio points allow voice communications between fire officers and building occupants from a centralised location.

The communications are two-way and a source of reassurance for disabled building occupants that require assistance in emergency conditions. HFS systems are hard wired utilising fire resistant cabling and are compliant with BS5839-9.







## HIGH SENSITIVITY SMOKE DETECTION SYSTEMS (HSSD)

HSSD or Aspirating Systems provide a very early warning fire detection solution whilst offering a ground breaking immunity to false alarms.

Three systems are often used where standard detection is not appropriate due to warm environments, difficult access, tamper proofing or complex spaces.

HSSD is ideally suited to large public areas such as shopping centres, airports or stadia where evacuations are complex. When used in warehouses, HSSD allows access to more areas whilst reducing the costs of ongoing maintenance and can provide an alternative to beam detection where smoke sheafification may occur.



## PUBLIC ADDRESS AND VOICE ALARMS

In an emergency situation such as a fire, it is essential that people are evacuated in the shortest possible time.

Electronic sounders and bells are most commonly used as fire alarm warnings, however research shows that people are less likely to react to leave than those presented with a clear and easily understood message.

The integration of PA/VA systems and fire detection systems can be used to give intelligible and unambiguous instructions via pre-recorded messages for evacuation. HFS can provide design, installation, commission and maintenance of PA/VA systems meeting the requirements of BS839-8.





#### **SOCIAL ALARMS** NURSE & WARDEN CALL - STAFF SAFETY SYSTEMS

HFS represent several of the leading industry manufacturers and provide a complete design, installation and commissions service on nurse call, warden call, disabled assistance alarms and staff safety systems.

Our systems are available in both conventional and addressable platforms and offer numerous call and signalling options.







### EMERGENCY LIGHTING

Emergency lighting systems are installed in buildings to provide illumination and to identify escape routes and emergency exits in the event of a power failure.

HFS provide fully compliant E-L options from simple self-contained luminaires to more complex central battery systems (CBU's)











## DESIGN

Hunter Fire Solutions (HFS) offer a detailed comprehensive system design service based on your exacting requirements, factored risk and relevant BS & EN standards.

We will engineer a robust solution that exceeds your expectations.

Our design service includes the provision of detailed layout drawings, wiring schematics, cause and effects matrix and full technical submittal. Our inhouse design team will also liase with all relevant authorities including local BCO and FPO.

## **7** INSTALL

# Utilising our dedicated in-house installation teams will ensure your project runs smoothly.

All our site based engineering operatives are time served technicians and fully conversant with the latest advances in technology.

With vast experience of site based contracting and our focus on high quality workmanship, you can rest assured that your project is in safe hands.

HFS takes health and safety responsibilities with the highest importance and all personnel are regularly trained and updated to ensure compliance and carry relevant CSCS cards.







## S COMMISSION

# MAINTENANCE

Once our installers have completed your system installation, our commissioning engineers will attend the site to fully programme the system and provide a 100% functionality test prior to handover.

Our service includes device labelling, provision of detailed cause and effects programming, witness testing and a comprehensive client handover. Once completed all relevant certification documentation will be issued to the client's representative. HFS offer a varied range of system support and maintenance plans to ensure that your essential life safety systems remain fully operational and compliant.

We offer a range of planned preventative maintenance contracts and a reactive breakdown/repair service to contracted clients.







HFS can provide options on a range of system monitoring services to ensure that all essential reactions are taken and the appropriate authority are alerted to an emergency situation.

These include simple auto dialler solutions and a more comprehensive GSM digital communicator that notifies a secured fully manned system monitoring response centre, our monitoring centre is staffed 24/7 365 days a year and provides that vital link to fire brigades and key holder responders.





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In the UK alone, property damage, human casualties and lost business is estimated to be at £2.5 billion per year from fire related incidents.

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#### **HUNTER FIRE** S O L U T I O N S

#### **PARTNERS**

We work regularly with the following brands:







Get in touch with us today 01422 825 940