



World Class Solutions in
Fire Safety & Security Systems

INTRODUCTION

Nimbusfire Africa Limited was registered in Kenya in December 2014. The company brings on board global standards and competencies in the fire safety sector due to our connections with the western world and the UK.

Our areas of business include:

- Specialized atomizing, high pressure fire pumps and accessories
- Standard and high pressure sprinkler systems
- Full hydrant systems
- Conventional and integrated alarm systems
- Car Park Barriers and Access Control
- A full range of fire Engines and accessories including Rapid Intervention Vehicles, 4x4
- All aspects of fire training
- Fire audits
- Nurse call systems etc.
- Consultancy services
- Disaster management

Water Mist Fire Systems



Water mist fire systems

A water mist system is a fire protection system which uses very fine water sprays (i.e. water mist). The small water droplets allow the water mist to control, suppress and extinguish fires more efficiently by:

- Cooling both the flame and surrounding gases by evaporation
- Displacing oxygen by evaporation
- Attenuating radiant heat by the small droplets themselves

The effectiveness of a water mist system in fire suppression depends on its spray characteristics, which include the droplet size distribution, flux density and spray dynamics, with respect to the fire scenario, such as the shielding of the fuel, fire size and ventilation conditions.

The use of water mist fire suppression, when compared to the use of gaseous agents and traditional sprinkler systems, has revealed advantages such as:

- Immediate activation
- High efficiency in the suppression of a wide variety of fires
- Minimized water damage
- Environmentally sound characteristics
- No toxic problems

Nimbusfire Africa is renowned for pioneering high pressure water mist fire protection technology in East Africa for use in passenger ferries. Today, HI-FOG® protects people, property and business continuity in a wide range of applications both on land and at sea.

Why High Pressure Water Mist?

Nimbusfire Africa's rigorous testing procedures, combined with the company's unrivalled experience, have shown that high pressure water mist consistently delivers:

- Better penetration into the seat of the fire
- Superior coverage of the protected volume
- An improved cooling effect from better mixing of gases and high evaporation rate
- Lower overall system weight
- Less water consumption

Portable Fire Extinguishers



Portable Fire Extinguishers

We provide fire extinguishers to meet every type of emergency. Our fire extinguishers are fully certified and have been rigorously tested to ensure that they provide the required protection for your property. We provide the following types of fire extinguishers: CO₂, Dry Powder, Water, Foam, Clean Agent and Wet Chemical.

Stage 1 – Survey

The first stage with fire extinguishers is to carry out a full site survey, to identify specific fire risks and obtain floor area sizes in order to give the correct advice.

Whether this is for a new installation, modification, or extension to an existing building, we are able to help. Once your needs have been fully assessed by one of our experts in line with current Standards, we then put together a proposal and quotation for the best option available to meet your requirements and budget.

Stage 2 – Supply

There is a wide choice of portable fire extinguishers available dependent upon the location and use. We supply quality equipment from leading manufacturers, from conventional equipment to specialist extinguishers. Whatever fire risk is presented to us, the appropriate extinguishing equipment will be used.

Stage 3 – Commissioning

Our qualified technicians then carry out commissioning on your equipment. Only once this work has been carried out will we proceed to install the equipment required. On completion of fire extinguisher commissioning, a commissioning certificate will be issued.

Fire Hydrant Systems



Fire Hydrant Systems

Nimbusfire Africa is a prominent service provider for Fire Hydrant System Installation & Maintenance Services in Kenya. We are backed by a team of professionals who hold expertise for both water based and foam based fire hydrant systems. In addition, we test Fire Hydrant Systems on quality parameters, prior to installation. Clients can approach us for cost effective and timely solutions.

Though water has been the principle extinguishing agent, foam and deluge valves are also being used. The pump house becomes the heart of the hydrant system especially when it is designed after complete hydraulic calculations, taking into account the flow, velocity, head and pumping capacity with the corresponding reservoir, to extinguish the hazard and also provide abundant precaution.

Advantages of a Fire Hydrant System:

- Being fixed installation it is very easy for operation and maintenance.
- As the hydrant ring outside building is underground, there is no hindrance for vehicles.
- For major fires this is most useful system to control and extinguish since the availability of water and pressure at the base of fire.
- The other systems such as water spray, sprinkler, foam system can be tapped from this system



Fire Alarm Systems



Fire Alarm Systems

Nimbusfire Africa provide a comprehensive fire alarm system service, including maintenance, additions and installation with professional solutions at affordable prices.

Whether you require a **basic conventional fire alarm system**, a wireless **addressable radio frequency system** a fully computer programmable analogue addressable system or you just need to add to an existing system, our designers and installation engineers can assist you.

We supply an extensive range of fire alarm equipment including **detectors, fire alarm panels, sounders, strobes** and **call points** ensuring you receive a comprehensive system that offers complete protection. We help you maintain your premises, so staff are well protected and your company fulfills its responsibilities by complying with the latest fire safety regulations.

We provide a full range of servicing options for existing systems covering weekly checks, monthly, quarterly, half yearly and annual tests.

Conventional Fire Alarms

A conventional fire alarm system will use fire detection zones (wired back to the main control panel). Each zone will identify a particular area of the building in order to identify the location of a fire.

Each zone can consist of various devices, including automatic smoke/heat detectors, manual call points, sounders and strobes. In the event of a fire being detected either automatically or manually, the system control panel will then operate the alarm.

Addressable Fire Alarm Systems

Addressable fire alarm systems are more advanced than conventional systems and offer a larger scope of programming flexibility, with each device in the system having its own individual address and specific location. Fire alarm relays can be used to control a wide range of building functions such as:

- Switching fans on or off
- Activating fire suppression systems
- Recalling elevators to a safe exit floor
- Closing/opening doors
- Shutting down industrial equipment
- Activating another fire alarm panel or communicator
- Addressable systems are ideally suited to larger or more complex installations.

Radio/Wireless Fire Alarm Systems

Radio or wireless fire alarm systems as they are also known, operate on a similar level to addressable system, but without the need for the installation of cables. Devices use radio signals to communicate between the control panels with each device having its own individual address and specific location.

These systems require simpler installation compared to conventional and addressable systems, requiring only limited cabling and can be programmed off site, reducing labour time on site. The lack of cables also means that there is minimal damage to the fabric of the building.

Fire alarm maintenance services

Routine fire alarm maintenance is essential for ensuring the system installed remains in good working order, and will operate in the event of an emergency activation.

Nimbusfire Africa fire engineers and technicians are fully conversant in the maintenance and installation of all types of alarm systems from conventional systems to large addressable multi panel systems, including Radio/wireless alarms and construction site systems.

Nimbusfire Africa can undertake routine planned fire alarm maintenance, modify existing fire alarm systems, and provide reactive call-out services as required.

CCTV Surveillance & Intruder Systems



CCTV Surveillance & Intruder Systems

We professionally install, service, and maintain CCTV & other Surveillance Systems. We are passionate about providing the highest quality systems and unprecedented support, which is what sets us apart. As experts in video surveillance systems and technology, our clients rely on our SMART security camera systems to protect their investments. We offer you SMART technology like:

- **Unlimited Video Data Storage:** Imagine having the ability to review video recordings from as far back as you'd like. This technology is now available through CCTV Services and can protect you from all sorts of claims, accusations, and possible lawsuits.
- **System Health Monitoring:** Are you tired of not knowing when one of your cameras goes down or when your DVR malfunctions? With our advanced software, you will receive immediate notification if a problem occurs. In addition, our technical department gets notified instantly as well.
- **Wireless Remote Viewing:** Being able to view through your cameras 24/7 (worldwide) gives you the freedom and flexibility to grow and manage your business effectively. Now you can be there even when you are not. This service accords you the peace of mind you need.
- **Motion Detection Alerts:** Customize your settings, and receive motion alerts to inform you of any activity occurring off hours or in restricted areas. Our Motion Detection Alerts will notify you instantly on your Smartphone by text and/or email.
- **Full HD 1080P Video Recordings:** Your video is only as good as its clarity. With our advanced technology, you can count on crystal clear Full HD 1080P Video Recordings every time.
- **Complete Administrative Mobile Access:** Even when you are on the go, you still need to have full access to your system. With our quality mobile app, you will have complete and secure access to your admin panel to make whatever changes you deem necessary.



Fire Engines & Accessories



Fire Engines & Accessories

Our aim is to provide a “One Stop Shop” for all Firefighting Vehicles & Equipment. We are dedicated to providing a professional, first class, and on-time service to Private and Industrial Fire & Rescue Services.

Nimbusfire Africa is your direct link for fire service vehicle supplies. We can provide you with the latest price, advice, and availability on the fire service appliances and parts you require.

With expertise and knowledge in this area, Nimbusfire Africa is the first choice for fire truck acquisition in Kenya. With direct access to original parts suppliers, you are assured that our accessories are fully compliant.

Car Park Barriers & Access Control



Car Park Barriers & Access Control

At **Nimbusfire Africa**, we pride ourselves on our range of high quality automatic car park barriers. Automatic parking barriers are the most cost-effective method of regulating vehicle access into an area, whether it is residential, commercial, or industrial.

When choosing a car park barrier, the particular model you choose will depend on the beam length needed, the type of entrance, the number of vehicles needing to be controlled, and the level of security required for the premises. Our parking barriers have beam lengths from 2m to 7m, and can be provided with a skirt if required. All of our car park barriers are hydraulic, with opening and closing locks and highly visible beams. In case of a power outage, all our parking barriers also have an external manual release override. With such a large range of optional features and enhancements, where do you begin with choosing your car park barrier solution?

Luckily, **Nimbusfire Africa** provides the consultation services to guide you all the way from idea to implementation and beyond. Our specialists can provide advice on whether your beam needs to be articulated, rounded or whether skirting is required. We can also recommend whether your requirements would be best met by traffic lights, flashing lamps or sounders, or whether you need a traffic counting system or integration between your car park barriers and a car park payment system.

Our parking barriers can also be interfaced with a great variety of access control systems, and our experts are again happy to discuss the best option for access control. **Keypads, card access, fob access, remote transmitters, and number-plate recognition systems** are some of the control systems available. Bring your business requirements to us, and we will guide you through all of the available options to find the best solution.

As part of our service, our trained surveyors will carry out a survey free of charge before providing a detailed quote for the work. During this assessment, they will consider all of the above points and more in guaranteeing **Nimbusfire Africa** installs a top quality parking barrier for you, and give you the customer service to match.

But the great quality service does not stop after installation. We also offer comprehensive maintenance contracts for all new and existing parking barriers, to ensure you continue to get the very best from your car park barrier system.

Choose Nimbusfire Africa for your parking barriers and get the full package. Our customer service is of the highest quality, and we will be happy to guide you through the entire process of installing a car park barrier system, so please contact us today and see what we can do for you.

Projects Completed



Projects Completed

We have the privilege of working with some of the most well known companies in Kenya and we don't take this lightly. Our clients engage us in a number of ways. We help them solve problems by delivering quality solutions at fraction of the cost. We view our clients as partners and work collaboratively with them. We work both diligently and intelligently to ensure that the needs of our clients come first. And we're not afraid to push the envelope or encourage restraint.

We are only as good as the reputation of our clients, and we willingly put our own reputation on the line to ensure that they get as much out of the relationship as we do.

Projects completed include:-

- **The Almond Resort** – CCTV Surveillance
- **The Stima Hotel** – Fire Alarm System
- **The Sun Rise Hotel** – Fire Hose Reel And Hydrant Systems
- **The Kenya National Archives** – Automatic Fire Suppression System
- **Presbyterian University Of East Africa** – Fire Alarm Repairs At The Main Library
- **Sports Stadia Management Board** – Intruder Alarm
- **The Green House** – Intelligent Fire Alarm Rehabilitation
- **Kenya Railways** – Potable Fire Equipment And Hydrostatic System
- **The Judiciary** – Automatic Pyrogen Gas Fire Suppression System
- **AIG** - Automatic Fm 200 Fire Suppression System – Refilling
- **Devani Plaza** – Hose Reel And Hydrant Systems
- **The New Nyanza Provincial Hospital** – Nurse Call System
- **Uchumi Supermarkets** – Fire Alarm Systems
- **The Signature Hotel And Resorts – Meru** – Intelligent Fire Alarm System And The CCTV Surveillance
- **Thika Power Plant** – Intelligent Fire Alarm System
- **Tetezi House** – Intelligent Fire Alarm, Sprinkler, Hydrants, Hose Reels, Potable Equipments and Signage
- **The British Army** – Potable Fire Equipment And Hydrostatic System
- **The Treasury** – Automatic Inergen Gas Fire Suppression System
- **United States International University** – Automatic Inergen Gas Fire Suppression Systems