



An ISO-9001-2008 Certified Company

Bengal International Agencies

Safety, Security, Fire Fighting Consultant & Service Provider



FIRE FIGHTER

Fire destroy all we destroy Fire

Since 1974

Distributor For :



CCTV

www.bengalfirebd.com



Fire destroy all we destroy Fire

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About Bengal International Agencies

Bengal International Agencies (BIA) is recognized as a leading company for consultancy, design, installation & service system, Bengal brings a singular dedication to the full spectrum of industrial, commercial and residential security needs, this dedication is through the leadership, quality, price and service. Customer satisfaction is our unique vision.

Our service and activities :

- Fire Extinguishers with different types, sizes and extinguishing agents.
- Automatic sprinklers system with fire pump.
- Automatic fire hydrant system with fire pump.
- Automatic Foam Extinguishing system
- Automatic co2 Extinguishing system.
- Automatic FM200 Extinguishing system.
- Clean agent gas Extinguishing system.
- Automatic fire alarm detection system.
- Sound, PA and Burglar Alarm system.
- Access control & Time attendance management system.
- CCTV based security surveillance system.
- Fire resistant doors.
- Fire man equipments such as fire proof dress, gas mask, birthing apparatus, safety boot, safety helmet, hand gloves, life line, smoke light, etc.
- We can help you about Fire service and civil de-fence & insurance licence.

*Our all systems & equipments are certified by the Bangladesh fire service and civil defense and BSTI.

*Member of Dhaka & Chittagong Chamber of Commerce and industries.

Quality :

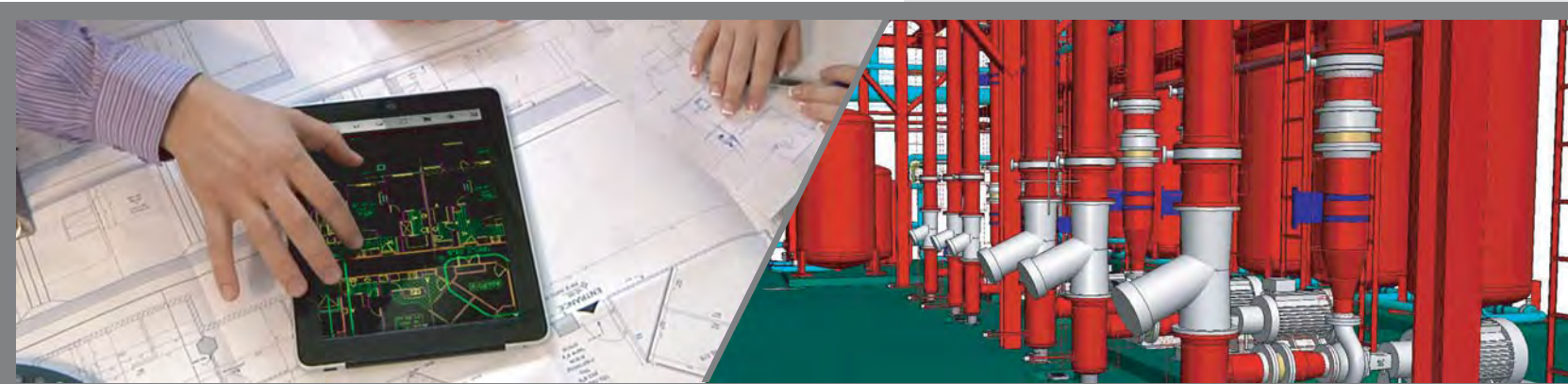
- We provide guarantee to all our products that comply with the best international standards such as NFPA, UL, BS, EN, FM, BSI etc.
- Committed to provide spare parts for our products for 5 years at least.
- Bengal International Agencies to under processing Certification of NFPA Membership.

We are agent and distributor of :

- | | | |
|---------------------|------------------|---|
| - SRI, Malaysia | - Patterson, USA | - Proline, UK |
| - Naffco, UAE | - Armstrong, UK | - Jindong Fire Fighting Equipments, China |
| - Mobiak, Greec | - Apollo, UK | - ITC China |
| - Idrofoglia, Italy | - Advance, UK | - BXB, Taiwan |
| - Caprari, Italy | - TOA, Japan | - Acumen, Taiwan |
| - Ampco, USA | - Samsung, Korea | - Geovision, Taiwan |

Experience :

We have over 20 years experience in this line for designed, installed, operated fire alarm, fire hydrant and fire extinguishing system in addition to safety and security equipments to many government, Semi-government, private sectors in Bangladesh.



Engineering of Bengal International Agencies

Installation :

We have proven track record of execution of all types of industrial, commercial and specialized projects completing over 130 projects small and big which valued over 15 cores. We can under take all project installation to the satisfaction of our clients and meet all current legislative requirement.



Supply :

We are able to supply full range of fire fighting equipment at the most competitive prices. All products supplied by us comply fully to SIRIM and all relevant authorities' requirement.

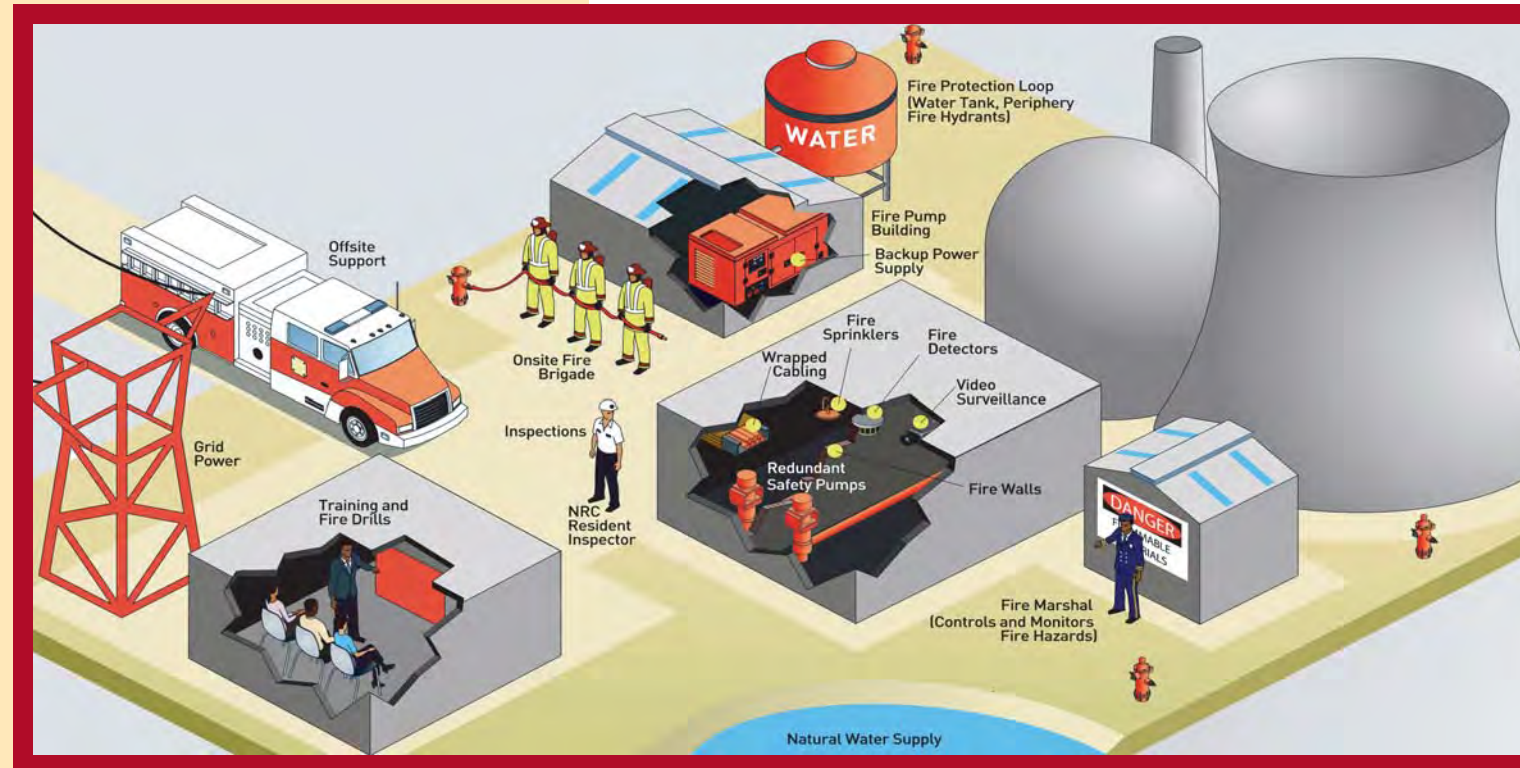


Service :

Currently we are maintaining more than 300 major buildings backed by a team of dedicated and well trained technical personnel. We believe that with total commitment to providing the best services to meet all our clients' requirement through a close and excellent working relationship with our clients, we can earn our reputation as the trusted name in fire fighting industry.



FIRE FIGHTING





Fire Fighting Equipments

Fire Extinguishers

A fire extinguisher, or extingisher, is an active fire protection device used to extinguish or control small fires, often in emergency situations. It is not intended for use on an out-of-control fire, such as one which has reached the ceiling, endangers the user (i.e., no escape route, smoke, explosion hazard, etc.), or otherwise requires the expertise of a fire department.

Dry Powder Fire Extinguishers :

- Portable Dry Powder Fire Extinguishers
- Mobile Dry Powder Fire Extinguishers



CO2 Fire Extinguishers :

- Portable CO2 Fire Extinguishers
- Mobile CO2 Fire Extinguishers



Fire Extinguishers Color Code :



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Foam Fire Extinguishers :

- Portable Foam Fire Extinguishers
- Mobile Foam Fire Extinguishers



Clean Agent Fire Extinguishers :

- Portable Clean Agent Fire Extinguishers



Water Fire Extinguishers :

- Portable Water Fire Extinguishers



Foam Extinguisher On Trolley :

- Portable Foam Type Fire Extinguishers



Passive Fire Protection

Passive Fire Protection (PFP) is an integral component of the three components of structural fire protection and fire safety in a building. PFP attempts to contain fires or slow the spread, through use of fire-resistant walls, floors and doors.

Fire Door :



Fire Retardant Paint :



Fire Wall :



Fire Hoses & Accessories

A fire hose is a high-pressure hose that carries water or other fire retardant (such as foam) to a fire to extinguish it. Outdoors, it attaches either to a fire engine or a fire hydrant. Indoors, it can permanently attach to a building's standpipe or plumbing system.

Single Jacket Hose :



Features :

- Excellent resistance to abrasion and to intensive professional use.
- High resistance to oil, gasoline and wide range of chemicals.
- Highly resistant to both contact and radiant heat.
- Light weight and flexible.
- Easy to handle and wind up thanks to its great flexibility.
- No maintenance or drying required.

Double Jacket Fire Hose :



Features :

- Minimum weight with maximum durability and flexibility.
- Outstanding abrasion resistance.
- Tough, dependable and lightweight attack hose.
- A stripe of a contrasting color running the full length of the hose can be provide into the jacket to meet NFPA recommendations for pump panel.

PU Lined & Lay Flat Hose :



Features :

- The hose is of single jacket construction.
- Provide maximum strength to weight ratio.
- The hose have a maximum flow with minimum friction loss.
- The hose have no defects, dirt, knots, lumps or other irregularities affecting the performance of the hose.
- The hose is resistant to kinking and remain flexible to -65°F(-53°C).

Fire Hose Rack :



Features :

- Provides an immediate water source for fire suppression.
- Easy operational for single person.
- Easy & quick operation at the time of Emergency.
- An automatic release mechanism allows water to flow through the hose after removal of the hose and nozzle.



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Fire Hose Reels, Accessories & Cabinets

A Hose Reel is a cylindrical spindle made of either metal, fiberglass, or plastic and is used for storing a hose. The most common styles of hose reels are spring driven (which is self retracting), hand crank, or motor driven. Hose reels are categorized by the diameter and length of the hose they hold, the pressure rating and the rewind method. Cabinets are a box-shaped piece of furniture with doors for storing miscellaneous Fire Fighting Equipments.

Fire Hose Reels :



- Semi-Rigid Reel Hose
- Fire Hose Reel with Semi-Rigid Hose
- Lock Shield Valve

Valves & Risers

Valve is a device that regulates, directs or controls the flow of fluid (gases, liquids or fluidized solids) by opening, closing or partially obstructing various passageways. Valves are technically valves fittings, but are usually discussed as a separate category. Riser is a main vertical pipe intended to distribute water to multiple levels of a building or structure as a component of the fire suppression systems.

Landing Valve :



- Oblique Valve, Flanged Inlet
- Oblique Valve, Male Threaded Inlet
- Pressure Reducing Landing Valve

Cabinets :



- Fire Hose Reel Cabinet
- Fire Equipment Cabinet
- Fire Extinguisher, Valve Cabinet
- Boxes for Dry Riser Inlets

Nozzles & Couplings :



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Breeching Inlets :



Features :

- 4x2 Way Breeching Inlet
- 6x4 Way Breeching Inlet

Valves & Flexibles :



Fire Hydrants

A fire hydrant is an active fire protection measure, and a source of water provided in most urban, suburban and rural areas with municipal water service to enable firefighters to tap into the municipal water supply to assist in extinguishing a fire.

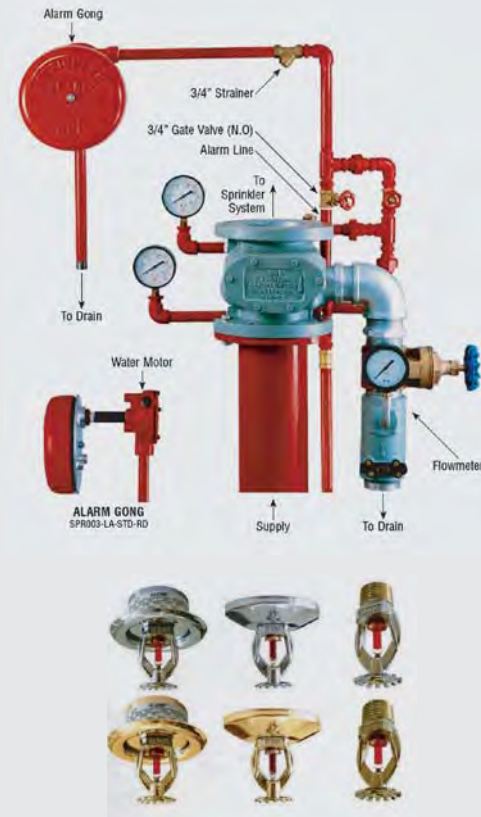
Dry Pillar Fire Hydrant :



Features :

- Dry barrel design eliminates damage to the hydrant caused by freezing of the upper part.
- High performance and easy to install, maintain and repair.
- Excellent and proven flow characteristics.
- Aluminum Hood cover is provided for protection and misusing.
- Operation threads are corrosion protected and for easy operation.
- Internal epoxy paint system gives high corrosion protection to hydrants.

Fire Sprinkler System & Accessories :



Features :

The alarm valve is an alarm device designed for installation in a sprinkler system. It is used to actuate a fire alarm when flow of water from the sprinkler system exceeds that of a single sprinkler. When a sprinkler is in operation, the resulting water flow lowers the pressure in the sprinkler system. The greater water supply pressure then causes the alarm valve clapper to open. The seat ring opening of the alarm valve allows the water to flow into the alarm line connection which will then operate the alarm gong.

Accessories



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CAFS

A compressed air foam system (CAFS) is defined as a standard water pumping system that has an entry point where compressed air can be added to a foam solution to generate foam. The air compressor also provides energy, which, gallon for gallon, propels compressed air foam farther than aspirated or standard water nozzles.

Mobile CAF System :



Mini CAFS :



CAF Handheld Backpack System :



Fixed CAF System :



Gas Suppression System

Gaseous fire suppression is a term to describe the use of inert gases and chemical agents to extinguish a fire. Also called Clean Agent Fire Suppression. These Agents are governed by the NFPA Standard for Clean Agent Fire Extinguishing Systems – NFPA 2001 in the USA, with different standards and regulations in other parts of the world.



FM-200®
Fire Suppression Systems



Novec 1230®
Fire Suppression Systems



Inert Gas
Fire Suppression Systems



GL-500
Wetting Agent



Door Integrity Test
(door fan test)



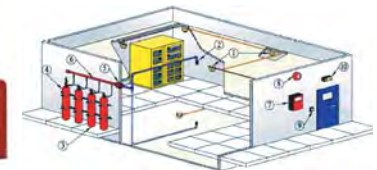
Halon banking



Co₂ System



HFC-125 / HFC-23
Halotron



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Fire Alarm Panels

- Addressable Fire Alarm Panels
- Conventional Fire Alarm Panels
- Wireless Fire Alarm Panels

Addressable Fire Alarm Panels :



Analogue Addressable
Fire Alarm Panels



Conventional
Fire Alarm Panels



Intelligent Addressable
Fire Alarm Panels

Wireless Fire Detection System :



Voice Evacuation System & Accessories



Voice Evacuation System



Accessories



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Various Gas Detector

- Portable Gas Detectors
- Fixed Gas Detectors

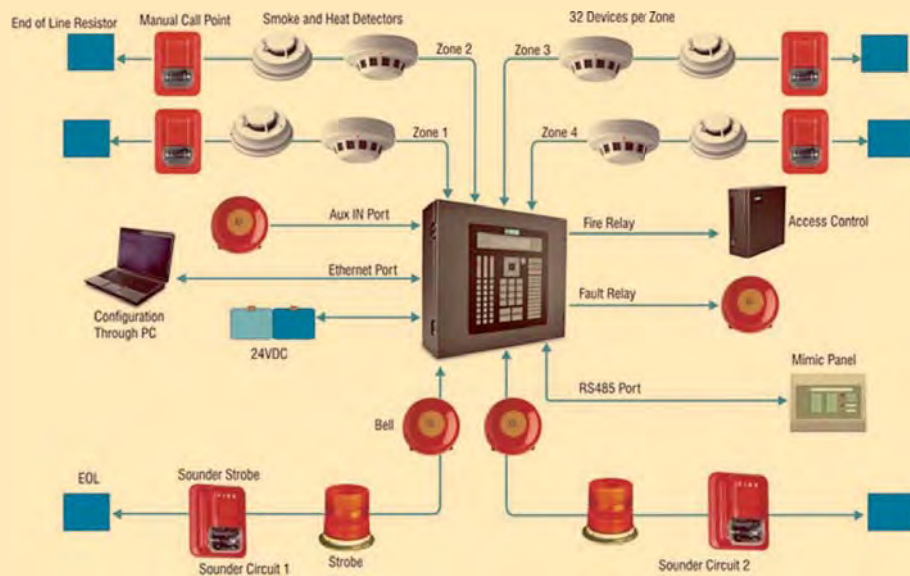
Portable Gas Detectors :



Fixed Gas Detectors :



System Architecture :



Detectors

- Addressable Detectors
- Conventional Detectors
- Wireless Detectors

Smoke Detector



Multisensor Detector



Heat Detector



Features :

- Photo-electric detection of light scattered in a forward direction by smoke particles
- Silicon PIN photo-diode
- Smoke: Photoelectric detection of light scattered by smoke particles.
- Heat: Temperature dependent resistance
- Operating voltage: 17-28V DC
- Communication protocol: Apollo Discovery 5-9V peak to peak
- Alarm level analog value: 55

Manual Call Point



Sounders & Beacon



Features :

- Deformable element
- Operation of a switch
- Alarm indicator: Red Light Emitting Diode (LED)
- Operating voltage: 17-28V DC
- Weatherproof



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Fire Pumps & Controllers

Fire Pumps & Controllers

A fire pump is a part of a fire sprinkler system's water supply and can be powered by electric, diesel or steam. The pump intake is either connected to the public underground water supply piping, or a static water source (e.g., tank, reservoir, lake). The pump provides water flow at a higher pressure to the sprinkler system risers and hose standpipes.

Certified Fire Pumps :



End Suction Pump



Horizontal Split Case Pump



Certified Engine



Vertical Turbine Fire Pump



Diesel Fire Pump Controllers



Jockey Pump Controllers



Fuel Tank



Electric Fire Pump Controllers



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Portable Fire Pumps :



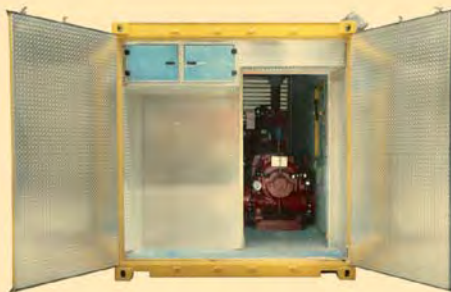
Industrial Packaged Certified Fire Pump Sets :

Features :

- Easy to install fire pump set at site.
- Easy to commission.
- Reduced installation time.
- Pre-wired electrical connections.
- Less space requirement.



Pump House Certified Fire Pump Units :



Features :

- Complete fire pump set assembled.
- The standard components included.
- Less space requirement.



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Electric Motor



Controllers – NF Series

Vertical Multistage
Jockey Pumps



Pressure Vessel

Sea Water Packaged Fire Pump Sets :

Components :

- Fire Pumps (with Spare Parts)
- Diesel Engines & Battery Set (with Spare Parts)
- Jockey Pump
- Control Panels
- Fuel Tank
- Air Release Valves
- Pressure Gauges



European Configured Packaged Fire Pump Sets :



Features :

- Very compact.
- Occupy less space.
- Easier installation.
- Less maintenance cost.
- Easily available spare parts.



Fire Trucks & Vehicles

Fire Trucks & Vehicles

A Fire Truck (also known in some territories as a Fire Engine, Fire Apparatus, or Fire Appliance) is a specific vehicle designed primarily for firefighting operations. Many departments employ fire engines for various other uses including but not limited to EMS, hazmat, auto extrication and technical rescue. Its primary role on the fire ground include transporting firefighters to the scene, along with a limited supply of water and a full compliment of hose lines.

Airport Fire Fighting Vehicles :

- ARFF – Commercial Chassis
- ARFF – Custom Built Chassis



Features :

- Cabin can be single or double cabin subject to chassis selection.
- Equipments are available upon request.
- Tank, cabin and body covers made of Glass Reinforced Polyester (GRP).
- ICAO specified equipments based on airport category are available at request.
- Automatic Around the Pump Foam system.



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Features :

- This vehicles are prepared for any emergency situation. They are able to carry hydraulic rescue tools, electrical generator, power tools, SCBA, hoses, nozzles and many others.
- Foam systems are highly accurate balanced pressure or electronic injection type.
- Monitors with electric or manual control.
- High pressure hose reel with electric rewind available on selected models.



Rescue and Rapid Intervention Vehicles :



Features :

- Cabin can be single or double cabin.
- Tanks options of Glass Reinforced Polyester (GRP), Polypropylene or SS 316L.
- Equipments are available upon request.
- Normal pressure or high pressure firefighting systems can be installed.

Medical Vehicles (Ambulance) :



Features :

- Medical Equipments & First Aid Kits available.
- Emergency Stretcher.
- Oxygen system for patient.

Hydraulic Access Platforms for Rescue & Fire Fighting :



Features :

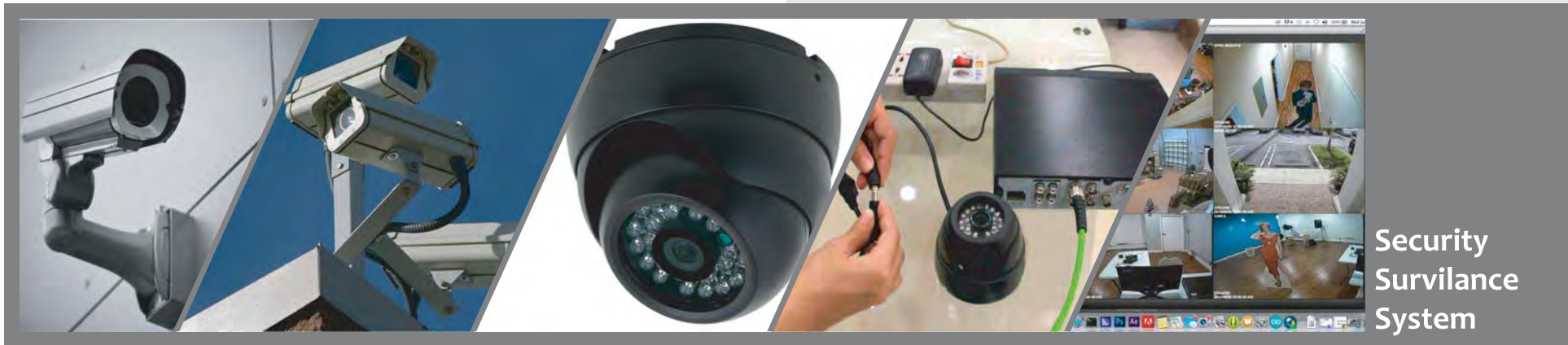
- A full range of aerial platforms and turntable ladders that can reach up to 72 mtr. Heights.
- Options of water / foam tanks, foam system, monitor are available.
- Can be used for both municipal as well as industrial applications.

Special Purpose Vehicles :



Features :

- This vehicles are prepared for any emergency situation.
- Equipments are available upon request.
- Can be used for both municipal as well as industrial applications.



Security Surveillance System

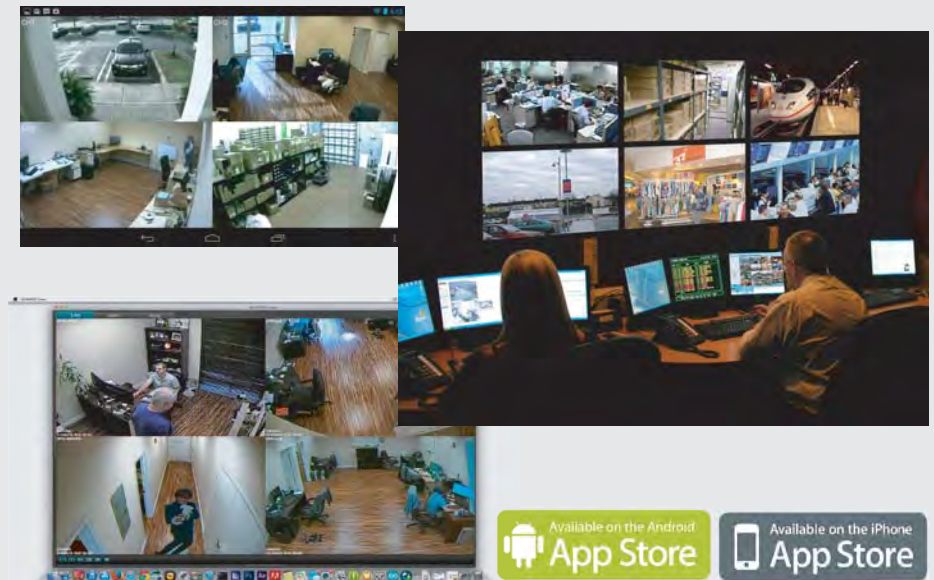
Security Surveillance System, specially closed-circuit television (CCTV), also known as video surveillance, is the use of video cameras to transmit a signal to a specific place, on a limited set of monitors. It differs from broadcast television in that the signal is not openly transmitted, though it may employ point to point (P2P), point to multipoint, or mesh wireless links. Though all video cameras fit this definition, the term is most often applied to those used for surveillance in areas that may need monitoring such as banks, casinos, airports, military installations & convenience stores.

Video Management :

- DVR & NVR
- Storage Video Wall Controllers

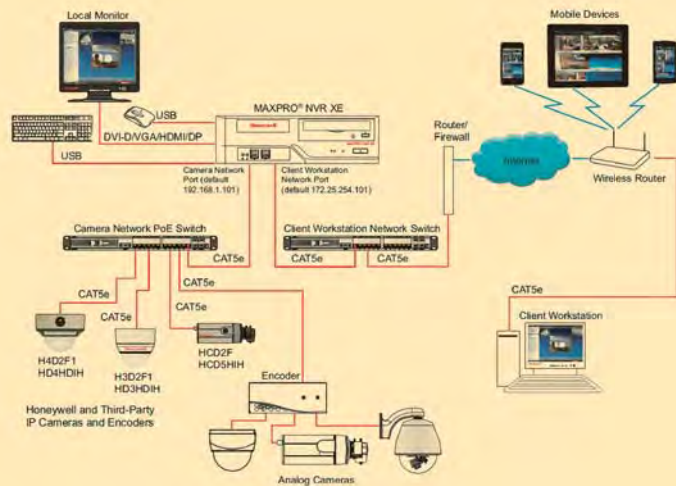


Software for Video Management :



Cameras :

- Analogue & IP
- Thermal & Hybrid
- Laser & IR Camera



Access Control System

Access control is the selective restriction of access to a place or other resource. The act of accessing may mean consuming, entering or using. Permission to access a resource is called authorization.

Access Control :

- RF ID & Finger Print Access
- Time & Attendance
- Handheld Metal Detectors & Achway Gates
- Turnstile Gate & Parking Barrier



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Public Address System

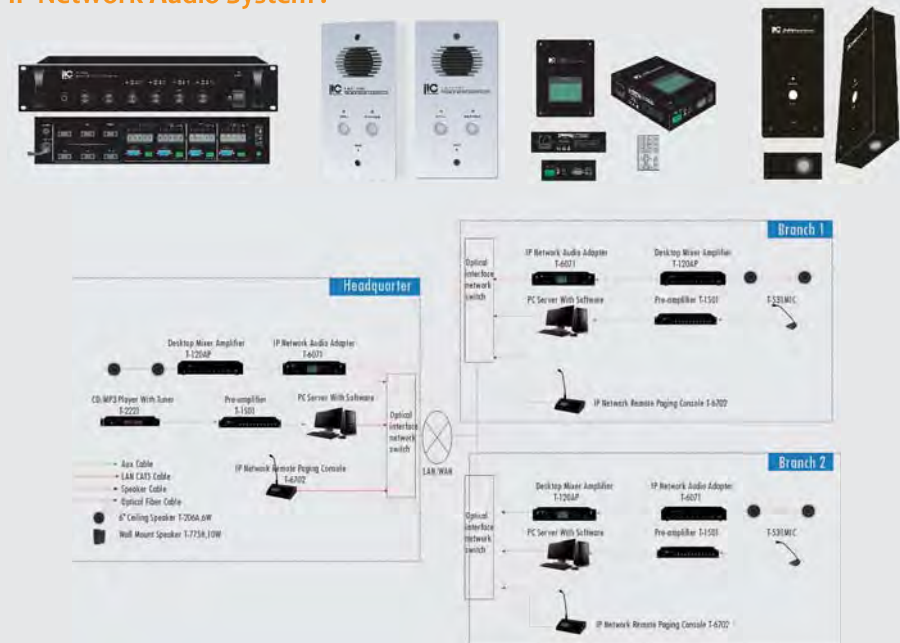
Public Address System

A public address system (PA system) is an electronic sound amplification and distribution system with a microphone, amplifier and loudspeakers, used to allow a person to address a large public, for example for announcements of movements at large and noisy air and rail terminals.

Digital Conference System :



IP Network Audio System :



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Public Address & Communication System :



Professional Sound System :



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Safety

Safety Equipments :



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