



WE TAKE PRIDE IN OUR EXPERTISE  
TO DELIVER SOLUTIONS



**Honeywell**

MORLEY IAS  
FIRE SYSTEMS

DUBAI AND SHARJAH CIVIL DEFENCE APPROVED COMPANY

# Total Fire & Life Safety solutions for all your business and residential needs.

We undertake planning, installation, testing, commissioning and maintenance of all types of fire safety infrastructure.



No matter the scale of your business, we have the Perfect Fire Protection Solutions to meet all your needs.



Fire safety is our business and we take it with utmost seriousness. We maintain the highest standards of quality in all our products and services.



As a leading provider for comprehensive fire safety systems and solutions it is our job to ensure the safety of our clients and their property. You can expect total transparency and accountability from us.



## Specialist fire protection services to a wide range of industries:



# Fire protection solutions

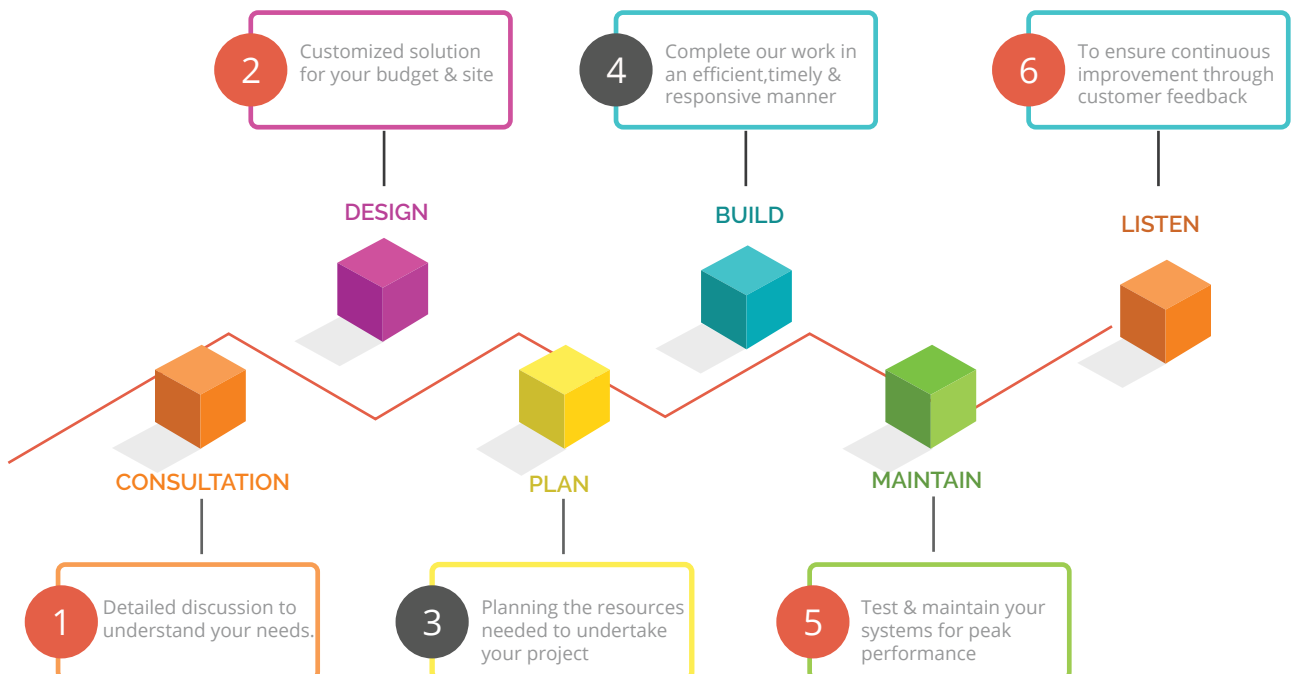
As an independent company, Spectrum takes pride in providing the complete Fire Safety Solutions including Civil Defence Consultancy, Design, Supply, Installation and Commissioning together with Maintenance Services across a comprehensive range of fire related products and life safety systems.



**Quality Policy:** Spectrum has developed a quality management system which is **ISO 9001:2015 certified**. Our services adhere to the **British Standards (BS)**, **European Norms (EN)** & **Civil Defence (CD)** requirements, as well as our Practicing standards and codes are as per **National Fire Protection Association (NFPA)**

To Conclude as a Company we place the highest emphasis on continually improving our processes, products and services to exceed our Customer's expectations.

## PROCESS



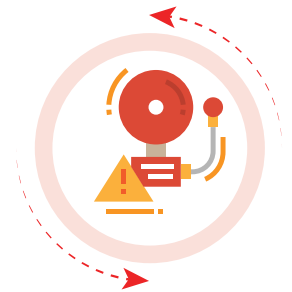
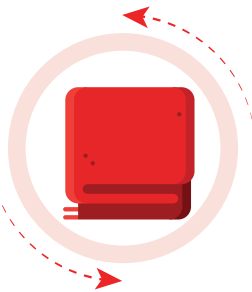
# Products and services

Spectrum offers the broad portfolio of leading fire safety solutions in the marketplace today. Be it products or services we guarantee the highest standards of quality in the market.

## PRODUCTS

- Fire Detection Systems
  - Conventional Systems
  - Addressable Systems
- Fire Suppression Systems
  - Chemical Fire Suppression
  - Inert Fire Suppression
- Fire Protection Systems
  - Fire Pump Set UL / FM approved
  - Fire Hydrant
  - Fire Hose Reels
  - Foam System
  - Automatic Sprinkler System
  - Deluge System

- Hose reel Systems
- Fire Extinguishers
- Air Sampling Systems
- Fire Safety Signs
- Fire Blankets
- Emergency / Exit Lighting System
- Self - Contained LED Type
- Central Monitoring System
- Voice Evacuation System



**The Honeywell Morley-IAS DX Connexion series** is a compact, high performance, feature rich unit suitable for small to medium sized buildings.

The products are compact, feature rich, economical and offer high performance.

Easy to install, easy to scale, easy to maintain



**The ZX SERIES** are an intelligent, modular and scalable fire alarm platform for protecting all types of premises.

**UL Addressable Panel** Honeywell introduced UL listed Addressable Fire Alarm Systems. The new models are designed to create cost savings and maximize productivity, especially for small- to medium-sized businesses.



# MAINTENANCE

The performance of a fire protection system depends not only on the quality of the product, but on the quality of its maintenance program.

Monthly/Quarterly/Half yearly check of all systems. Repair or replace defective units, test operations of systems, self-contained alarms and manually operated devices

- Maintenance contracts
- On-call maintenance of all fire safety systems and equipment, including sprinkler systems, fire alarm systems and pumps.
- Refurbishment and Retrofitting
- Fire extinguisher servicing and maintenance including inspection, refilling and repair
- Fire Hose testing and repair
- Supply of mechanical and fire pump parts
- Integrity test of rooms (Authorised)

EQUIPMENT	PERIOD	ACTION
Fire-Detection and fire-warning Systems including self-contained smoke alarms and manually operated devices	Monthly/ Quarterly	<ul style="list-style-type: none"> <li>● Check all Systems for state of repair and operation.</li> <li>● Repair or replace defective units.</li> <li>● Test operation of systems self-contained alarms and manually operated devices</li> <li>● Full check and test of system by competent service engineer Clean self-contained smoke alarms and change batteries</li> </ul>
Emergency lighting including self-contained units and torches	Quarterly	<ul style="list-style-type: none"> <li>● Operate torches and replace batteries as required.</li> <li>● Repair or replace any defective unit</li> <li>● Check all Systems, units and Lamps / Lights for state of repair and apparent function.</li> <li>● Full check and test of systems and units by competent service engineer.</li> <li>● Replace batteries in unit</li> </ul>
Fire-fighting equipment including hose reels	Quarterly	<ul style="list-style-type: none"> <li>● Check fire pumps and hose reels for correct installation and apparent function</li> <li>● Full check and test by competent service engineer</li> </ul>
Voice Evacuation System	Quarterly	<ul style="list-style-type: none"> <li>● Check the Speaker Circuits.</li> <li>● Full Test Interfacing with Fire Alarm &amp; Telephone jacket.</li> </ul>
Fire Suppression System	Quarterly	<ul style="list-style-type: none"> <li>● Check the Gas quantity, discharge nozzle.</li> <li>● Check electrical circuits &amp; solenoid.</li> <li>● Check interfacing with Fire Alarm Control Panel.</li> </ul>
Kitchen Hood System	Quarterly	<ul style="list-style-type: none"> <li>● Check Nozzle, Fusible link, Pressure Gauge.</li> </ul>
FM200 System	Quarterly	<ul style="list-style-type: none"> <li>● Check Nozzles, Pressure guage &amp; devices</li> </ul>
Fire Extinguishers	Half Yearly	<ul style="list-style-type: none"> <li>● Check the hydro test due date.</li> <li>● Check the cylinder without any corrosion or damage.</li> <li>● Check pressure gauge or weight of the cylinder depending to the types.</li> </ul>

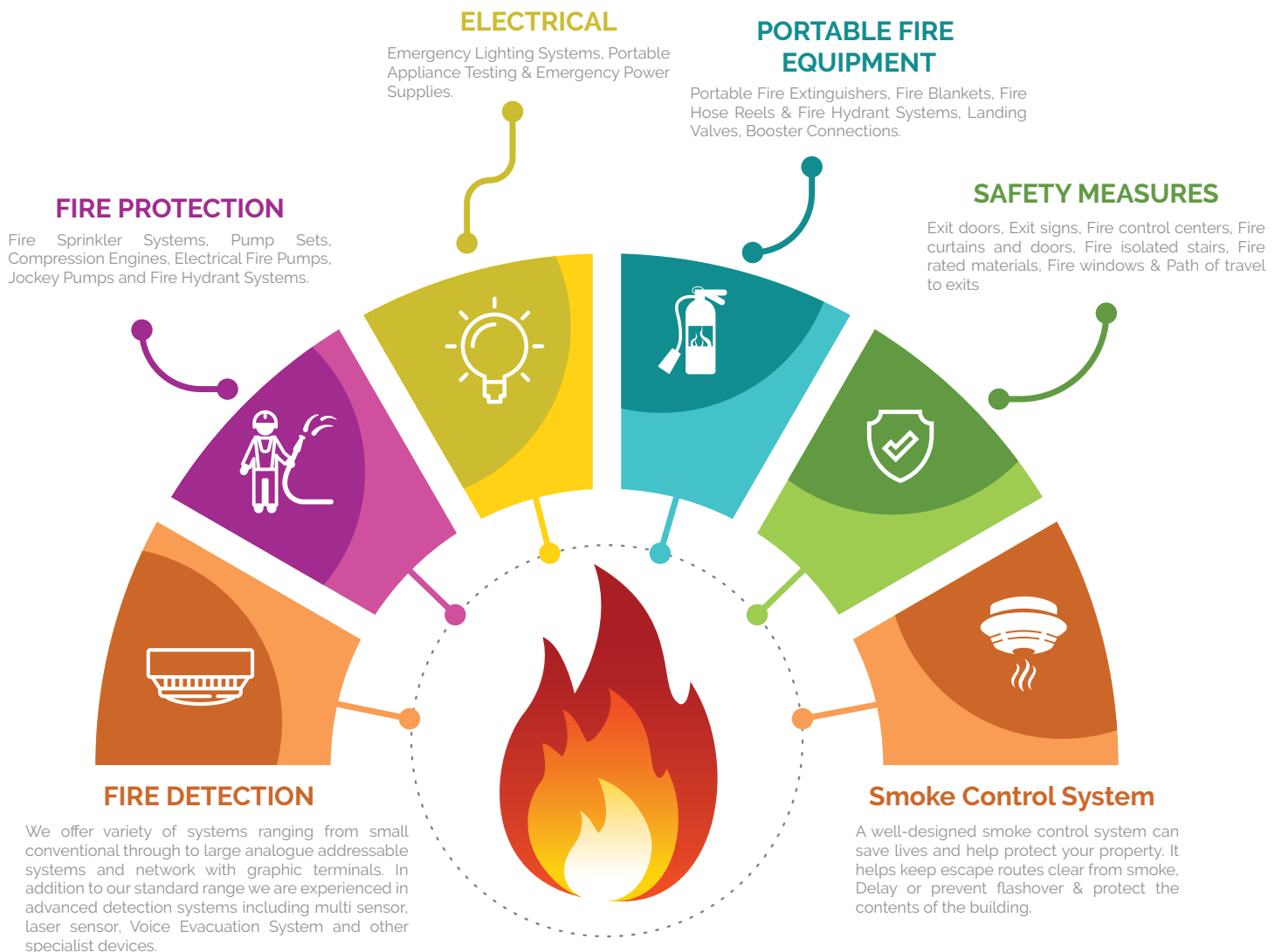
Spectrum takes pride in being continually updated to the latest Civil Defence regulations and conducting regular risk assessments for Fire Systems. Contracts as per Civil Defence and safety certificate can be provided, subject to approval from Authorities after inspection.

# Associated Brands



Morley-IAS is one of the world's leading designers of fire alarm control panels and associated equipment for professional fire alarm installers delivering unsurpassed value through technical innovation and talented, professional people.

## OUR SERVICES INCLUDE...



Our qualified engineers take fire safety seriously just like you do and are fully qualified to understand that each and every customer has a need that is individual to them. Where fire detection is concerned, there is no one system to fit all and this is why we ensure that our engineers will provide you with the correct guidance at every stage of the process. We maintain all types and makes of Fire Alarm System.

# Case Study

The client is a Media Solution Company that provides the most comprehensive and accurate intelligence on media consumption, performance and value. With extensive global coverage, they stand as one of the leading media solution providers

## Business Requirement

The Client, a Media Solution company approached Spectrum for a system that was versatile, modular, within budget, and not at risk of becoming outdated and also insisted on a solution that would allow the system to be upgraded in the future. The major hurdle was that we had to replace the 20-year-old conventional fire detection system in phases, without interrupting business operations. At the same time, it was crucial the safety of the state media company and its occupants was guaranteed throughout the process. And, to add to this challenge, the first phase of the migration began shortly after EID.

## Spectrum Solution

The Honeywell Morley IAS fire protection system was the ideal choice for the project, thanks to its flexibility, advanced technology, and intelligent tools.

In the first phase, Spectrum replaced the sensors and control panels with the complete wiring. Then, for the second phase, installed the detectors and alarm infrastructure into operation.

We maintained the old system throughout the installation process. And carried out the phased migration of the system, including testing at completion, without disturbing the day-to-day operations, while the people at the media office were safe at all times.

We installed a total of three networkable control panels and replaced 600 devices. We increased the number of the field devices to 900, including smoke detectors, heat detectors, multi-sensor detectors, sounders, manual call points and special detectors and with graphic visual eye system. Interfacing with all ancillary services like lift, Fire Pump and Access Control, BM System

## Benefit

The client was delighted as the project was completed on time, within the client's budget and without disturbing the business operations.

Their Comments were "All engineers involved in the project kept the inconveniences to the minimum. Keeping in mind low voltage system cabling BMS system was also installed within the same project, and the most important thing is that the fire safety system proves its strength in everyday use."

The Client now has the benefit of a system with an extended life cycle and advanced fire detection technology. Plus, all future additions, such as Voice Excavation system can be easily integrated in the future.





## SAFETY FIRST IS SAFETY ALWAYS

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