Tyco Fire Detection and Alarm Solutions
High technology solutions from the fire engineering specialists

one source, endless capabilities
What sets us apart from everyone else?

Our experience...

From a basic conventional fire detection & alarm system for the residential market through to our sophisticated SIL-2/3 Fire & Gas Control Systems for the Oil & Gas industry, Tyco Fire & Security have an enviable reputation for supplying ‘State-of-the-art’ technology leading fire detection & alarm solutions throughout the Gulf States. Our fire detection and alarm systems offer reliable, early detection of all types of fires coupled to superb false alarm management.

Fire detection and alarm, making the right choice

Specialist Fire Engineers with over 100 years of proven experience

Tyco Fire & Security continually invest in on-going system software research and development to ensure our leadership within the fire industry is maintained. We recognise that fire knows no boundaries and that it can attack where and when least expected. Therefore, we are fully committed to providing our clients with the right technology to detect and alert them to a fire at the earliest stages, allowing more time to evacuate, to respond and extinguish fires before they have time to develop into large ones that could threaten lives, property and business continuity.
We work in diverse market sectors
From where you live to where you work you can rest assured - we have the right solution

Across the Gulf States on land or at sea, above and below the ground our bespoke fire detection and alarm solutions keep thousands of people at home, at work or at play safe from the threat of fire 24 hours a day, 365 days a year. With an extensive product and services portfolio we’re well positioned to meet the needs of a broad range of customers and have worked across almost every industry sector in the Gulf States.

The right solutions to meet specific fire risks and hazards
From the comfort of your home to a harsh or benign industrial environment, or the high ceilings, atria, and ducts of a high rise commercial building, our in-depth fire risk assessment of your property is designed to meet every fire engineering challenge, including the most important one...yours.
Bespoke choices to meet your needs and level of fire risk

From a data centre to a hospital from a manufacturing plant to a power station - we have the right solution

Our wide range of control panels, bells, electronic sounders, beacons and tactile devices are loop powered to reduce installation costs. They have very low power consumption even at high output and our detector bases incorporating sounders and beacons require only one point of termination as another means of reducing installation costs. All our fire detection and alarm systems fully comply with the highest International Standards of approval and can be broken down into the following categories:

**Conventional (Non-Addressable)**

Our wide range of conventional (non-addressable) panels can be supplied in one, two, four or eight zone formats. All zones and alarm circuits are monitored for open and short circuit fault conditions. A detector removal facility is provided as standard.

**Analogue/Digital Addressable**

Addressable systems can be supplied in compact or modular system architecture. They enable unique identification and status reporting of every device on the system. They’re typically used for integration with other systems or services and complex installations or buildings that have rapidly changing operational needs.

**Aspirating Smoke Detection**

Aspirating smoke detection systems help ensure that business disruption and downtime are avoided by detecting and identifying the presence of smoke within a specific protected zone at the earliest possible stage. Their unique sensitivity allows optimum alarm settings for a wide range of environments resulting in the initiation of up to four different response procedures as the smoke level rises. They are also typically used in environments where smoke is difficult to detect.

**PAVA (Public Address & Voice Alarm)**

Our PAVA systems include voice evacuation, fire telephones and disabled refuge. The wide range of PAVA systems offers you the possibilities of our control panels operating in conjunction with public voice or recorded messages and music sources to all required output zones.

**Leak Detection Systems**

Leaks in offices, hotels, museums, computer rooms, data centres or other commercial buildings can cause untold damage to property, loss of business continuity and customer relations. Our leak detection system offers 24/7 availability to minimise the damage to the critical infrastructure of your building and equipment.

The type of system is invaluable for the ‘Special Risks’ industries involved in the transportation, storage, processing or consumption of fuels, acids or hazardous fluids.
Fire & Gas Systems

We offer stand-alone or integrated Fire & Gas System solutions tailored to your specific safety applications. Our offering ranges from TMR PLC to Addressable / Non-Addressable F&G system that are approved according to IEC 61508 Safety Integrity Level 2/3 (SIL2/3) by TÜV.

Fire & Gas Devices

Our comprehensive range of SIL 2 rated fixed Fire & Gas devices for the detection of flammable, toxic and oxygen gases are designed to suit all applications. They incorporate compact and rugged designs, high reliability and flexibility to adapt to specific use requirements.

Linear Heat Detector

Our latest generation of Linear Heat Detection solutions incorporate fibre optic technology to provide fast fire detection, precise location and fire scene assessment. They provide different flame sensitivities on the same cable run to allow users to determine their individual response requirements.

Fire & Gas Detection
- TMR PLC
- SIL2/SIL3 Conventional-type F&G System
- SIL2/SIL3 Addressable-type F&G System

Fire Alarm Systems
- Addressable
- Conventional
- EN / LPCB / UL / VDS Approvals

Specialist Detection
- VESDA™ Very Early Warning Fire Detection and Control
- Flame Detection
- Gas Detection
- Linear Heat Detection
- Smoke / Heat / CO Detection
- Oil & Water Leak Detection
Delivery options

From a comprehensive product range to outstanding customer focus service - *we have the right solution*

Our team of highly trained, knowledgeable fire engineering specialists constantly strive to enhance our range of products and services by offering a range of delivery options to suit you.

- Consultancy
- Design
- Manufacture
- Supply & Installation
- Supply & Commission
- Test & System Verification
- Project Management

As a leading provider Tyco Fire & Security have been installing, servicing and maintaining a variety of small, medium and large projects for many years and pride ourselves on our ability to exceed our customers’ expectations. We passionately believe in customer care and continuously invest in our people to ensure we provide unrivalled technical expertise complemented by outstanding customer service.
Service and Maintenance

From reliable service and support to total peace of mind - we have the right solution

Tyco Fire & Security service teams perform routine planned maintenance and breakdown. We also specialise in providing teams of engineers who are able to carry out modifications or extensions to existing systems at a short notice.

Service & Maintenance
Tyco Fire & Security has dedicated teams of service engineers available to support our customer base providing electrical, mechanical preventative and reactive maintenance throughout all market sectors. Formal maintenance contracts are tailored to meet individual needs that may range from an annual service visit to permanently manned sites.

Services Offered
- Weekly, Monthly, Quarterly, Semi-Annual & Annual Testing, Service and Inspection
- Full-time Site Management
- System Inspections
- Modifications and Extensions
- Training
- Refilling
- Spares and Refurbishment
- Calibration

Standards of Excellence

Award-winning accreditation, certification and approvals

“We invest significant sums of money on an annual basis to secure accreditation and certification from Civil Defence Approval Authorities, Government Agencies and Fire Trade Associations. We do this not merely to gain sales leverage against our competitors.

We do it to safeguard the key interests of our customers because it is fundamental to the exceptional service we deliver. This commitment has enabled Tyco Fire & Security to achieve ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 Certification for its Abu Dhabi and Dubai Offices. To ensure we retain our approval certificates, our employees are regularly and independently audited both internally and externally to assess their performance and standards of excellence.”

Whatever your needs, you can rest assured that all of our products and service are:

- Supplied by specialist fire engineers with the accreditation and expertise to competently safeguard your people and property

- Identified as the best product for you from our complete range of high technology fire protection solutions

- Complemented by our extraordinary service before, during and after the work is complete

- Designed to reduce the risk of false alarms and meet the requirements of Fire Safety Law
Clients we work for:

**OIL & GAS**
- ADCO
- ADGAS
- ADMA-OPCO
- ADNOC
- BOROUGE
- BUNDUQ
- DOLPHIN ENERGY
- DUBAI SUPPLY AUTHORITY
- FERTIL
- GASCO
- QAFCO
- QATARGAS
- QATAR FUEL (WOQOD)
- QATAR PETROLEUM
- RASGAS
- TAKREER
- TOTAL

**FINANCE/BANKING**
- DU
- ETISALAT
- Q-TEL
- Nokia

**TELECOMMUNICATIONS**
- EMIRATES PALACE
- TDIC

**POWER & WATER**
- ADWEA
- DEWA
- FEWA
- SEWA
- TRANSCO
- ABB
- AREVA T&D (ALSTOM)
- LARSEN & TOUBRO
- TOSHIBA

**TRANSPORTATION**
- EMIRATES ALUMINUM (EMAL)
- DUBAI DRY DOCKS
- OUTOTEC

**EPC CONTRACTORS**
- AL JABER
- BECHTEL
- BELLELI ENERGY S.p.A.
- CCC
- DAEWOO
- DESCON ENGINEERING
- DODSAL
- EMCO
- ETA
- FATA S.p.A.
- FLUOR MIDDLE EAST
- GALFAR ENGINEERING & CONTRACTING
- GS ENGINEERING
- HYUNDAI ENGINEERING & CONSTRUCTION
- HYUNDAI HEAVY INDUSTRIES
- J&P
- J.RAY McDERMOTT
- JGC CORPORATION
- LINDE
- LITWIN
- NPCC
- PAGE EUROPA
- PETROFAC
- PUNJ LLOYD
- SAIPEM
- SAMSUNG
- SIEMENS
- SK ENGINEERING & CONSTRUCTION
- SNC LAVALIN
- SNAMPROGETTI
- TARGET ENGINEERING & CONSTRUCTION
- TECHNICALS REUNIDAS
- TECHNIMONT
- TECHNIP
- THALES
- VOLTAS
- ZUBLIN

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