

# Full Spectrum Life safety & asset integrity specialist

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# Our Johnson Controls

Provide a complete life safety & asset integrity service to the oil and gas industry worldwide. Protecting life, assets and the environment for more than 120 years.

Johnson Controls, who are behind some of the best known brands in the industry including Tyco offer a portfolio of products and services that provide robust solutions to your safety needs.

With experience that can be traced as far back as 1852 and one of the world's largest portfolios of fire, safety and asset integrity solutions, Johnson Controls is a leader in meeting safety and security challenges for the oil and gas market.

We are passionately committed to helping customers improve safety and asset integrity. As such Johnson Controls help protect

90% of the world's top 50 marine, oil and gas companies for all types of assets and facilities, from fixed platforms, FPSO's, semisubmersible platforms, semi-sub drillers, drill ships, cargo vessels, oil tankers, platform supply vessels to terminals and refineries, around the world.

With major marine, oil and gas centres of excellence in the UK, Johnson Controls has 50 years' experience in providing safety and asset integrity solutions to the global marine, oil and gas markets.

## Johnson Controls Values

### Customer driven

We win when our customers win. Our long term strategic relationships provide unique insights and the ability to deliver exceptional customer experiences and solutions.

### Future focused

Our culture of innovation and continuous improvement drives us to solve today's challenges while constantly asking 'Whats next'.

### Integrity first

We promise honestly and transparency. We uphold the highest standards of integrity and honor the commitments we make.

### One team

We are one team, dedicated to working collaboratively together to create the purposeful solutions that propel the world forward.

### Purpose led

We believe in doing well by doing good and hold ourselves accountable to make the world a better place through the solutions we provide, our engagement in society, the way we do business, and our commitment to protect people and the environment.

## Heritage brands

Johnson Controls fire & integrated solutions has established itself as the leading life safety & asset integrity provider on a truly global scale. And today our heritage brands are still very much part of our story:

- Mather + Platt
- Simplex
- Grinnell Fire Protection Systems
- Wormald Engineering
- Thorn Security
- Prestaroy
- Spector Lumenex
- Rhomax



## Innovation in service for life safety

As the industry leader in life safety & asset integrity solutions, we've introduced much of what is now considered best practice worldwide, and we continue to set the standards.

Johnson Controls integrated fire & security solutions provides a very broad range of high quality life safety and asset integrity service solutions to oil, gas, marine and energy industries worldwide.

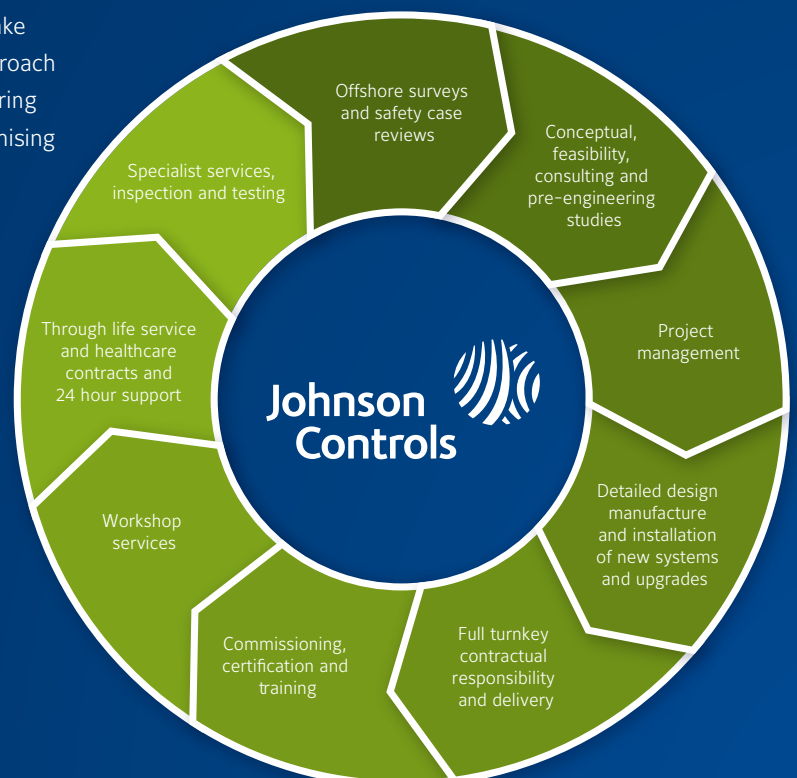
Johnson Controls unique framework for safety provides innovation and service delivery that offers an integrated approach to delivering life and asset safety solutions and service. Some of the key benefits of integrating these solutions is that working with Johnson Controls can help to reduce costs through using multi-disciplined engineers, combining offshore visits to save duplication of engineering support, a single management fee for management and administration across all the disciplines provided, consolidation of tooling and deliveries offshore, plus additional purchasing power. To take advantages of the cost savings requires a coordinated approach and commitment from both business organisations – ensuring that significant savings can be generated without compromising compliance, safety reliability and customer service.

We collaborate with the HSE to generate guidance notes on testing and maintenance of life safety and asset integrity systems. This trusted role is directly due to our track record in providing best-in-class maintenance and engineering support.

Your life safety and asset integrity systems must be in the best possible working order at all times. A Johnson Controls maintenance program fulfills your ongoing maintenance requirements and highlights the need for upgrades and extensions ensuring maximum return on your investments. Work with us to ensure all your life safety and asset integrity systems are fit for purpose.

## Actively promoting a safe working environment

Leading the field in fire-related life safety and asset integrity means practicing what you preach. As Johnson Controls operate a zero harm policy you can expect everyone working on your contract to share Johnson Controls commitment to delivering the highest quality products and services while protecting people and the environment.



# Full Spectrum safety & asset integrity specialist

Service, Maintenance & Healthcare · Research & Development · Design, Manufacture, Installation & Commission

- Detection and control**
- High integrity Sil 2/3 safety & control systems
    - Sil 2 addressable fire detection
      - Integrated system solutions
    - Smoke, heat, Co, multi-sensors
      - HSSD / VESDA
  - UV, UV/IR, IR3, 256 IR array flame vision
    - HSSD / VESDA
  - Digital, analogue, fibre optic linear heat
    - Flammable & toxic gas
    - Open path oil mist & smoke



- Portable gas detection**
- Supply
  - Repair
  - Calibrate
  - Hire



- Interface engineering**
- Linking of platform with mobile structures



- Safety products**
- Over 17,000 products
  - Life saving, firefighting and safety



- Fire protection systems**
- Gaseous
  - Water mist
    - Foam
    - Deluge
  - Helideck fire protection
    - Sprinkler
    - Dry chemical
  - Containers / Cabinets / Skids



- Fire safety maintenance**
- Life cycle maintenance for all fixed and portable fire suppression and detection systems including loose fire fighting equipment



**Deluge verification**

- Surveys & inspections
- Testing
- Hydraulic modelling
- System refurbishment, modifications, upgrades
- Chemical cleaning and de-scaling



**HVAC / Environmental solutions**

- HVAC & refrigeration
- Monitoring and testing
- Noise control
- LEV assessments
- Safe refuge



**Descaling**

- Chemical descaling / cleaning
- Without dismantling critical safety systems



**Audio communications**

- Public Address and Voice Alarm (PAVA)
- Public Address and General Alarm (PAGA)
- Mentor intercom and talkback
- VoIP
- Field equipment



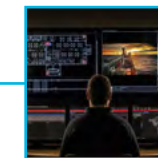
**Fiscal metering**

- Consultancy, Independent Audits, Healthcare contracts
- Flow measurement equipment
- Oil in water
- Analysing systems oil & gas



**Wellhead and hydraulic process control**

- Wellhead control panel / Work over control systems
- Hydraulic power units
- Chemical & methanol injection systems
- TUTU Topside umbilical termination unit
- Accumulator testing / recertification
- Hydraulic test units
- Repair & maintenance of Topside equipment
- TUTO flushing and pressure testing of pipework / umbilicals



**Security and surveillance**

- Access control
- CCTV
- Integration platforms
- Surveillance & verification cameras
- Remote monitoring centres
- Enterprise platform

# Global Strength

Local Expertise. At your service.

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## Full spectrum of safety and asset integrity solutions

- Fire and gas detection / alarm
- Detection and control
- Portable gas detection
- Interface engineering
- Safety products
- Fire protection systems
- Fire safety maintenance
- Deluge verification
- Environmental / HVAC
- Descaling
- Audio communications
- Fiscal metering
- Wellhead and hydraulic process control
- Security and surveillance

## United Kingdom oil and gas locations

Aberdeen, Atlas  
Tel: +44 (0)1224 293 500

Aberdeen, Bridge of Don  
Tel: +44 (0)1224 702 711  
Tel: +44 (0)1224 255 900

Great Yarmouth  
Tel: +44 (0)1493 440 500

Manchester  
Tel: +44 (0)1614 554 400

Norwich  
Tel: +44 (0)1603 201 201

Nottingham  
Tel: +44 (0)1159 040 404

## International locations

Europe  
United Kingdom  
Norway

Asia  
Seoul, Korea  
Busan, Korea  
Singapore  
China

Middle East  
UAE  
Kuwait  
Oman

South America  
Brazil

Africa

For further information on how we can help with your safety & asset integrity requirements please call **0800 389 3195**

[www.johnsoncontrols.co.uk](http://www.johnsoncontrols.co.uk)

