MUSTER® YOUR FIRE SUPPRESSION PARTNER

YOUR FIRE SUPPRESSION PARTNER

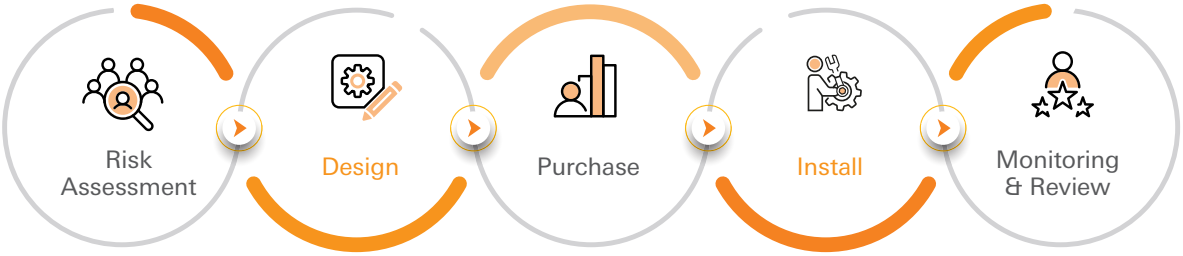
musterfire.com

MUSTER®

YOUR FIRE SUPPRESSION PARTNER

OUR MISSION

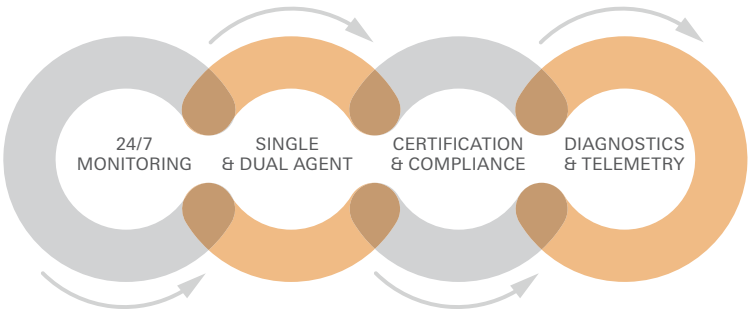
At MusterFire International (MFI) we are passionate about protecting your people and your assets from the inherent risk of fire. Our range of Muster pre-engineered fire suppression systems are designed to provide rapid detection and activation to minimise the impact of a fire event.



WHY MUSTER ?

The Muster range offers multiple agents to provide the best solution to your specific risk. Our detection options allow for rapid detection in the risk areas identified during the fire risk assessment, thereby protecting your machinery and your all-important personnel.

- **24/7 Integrity Monitoring:** Muster systems are monitored by intelligent sensors which report to our unique alarm panel to ensure system integrity
- **Single & Dual Agent Solutions:** Depending on the requirements of your equipment and the application, agents can either be used in a stand-alone installation or combined to cover multiple risk types on the same piece of equipment.
- **Certification & Compliance:** Each of our Muster systems and all related components are tested and approved by world-leading accreditation bodies to ensure regulatory compliance.
- **System Diagnostics:** The Muster Diagnostic Module allows technicians to see critical system status information including any faults which may be present. It also allows the capture of system event logs for download onto a laptop or PC in an easy-to-read format.



APPLICATIONS:

- Mining (surface & underground)
- Quarrying
- Agricultural Machinery
- Forestry equipment
- Construction & Tunneling

FOAM BASED SYSTEMS

Muster Foam based Fire Suppression Systems are the most suitable solution for the protection of assets where liquid hydrocarbon fuels pose a high fire risk. Water alone is ineffective and can even be dangerous.

The introduction of foam amplifies the effectiveness of water by breaking down the surface tension, making the droplets smaller, and enhancing the cooling effect.

System features:

- Foam agents suitable for mobile and fixed plant
- Fluorine free option available
- Direct application with superior cooling effect
- Operating temperature range from -40°C to +60°C
- Cylinder sizes from 15 litre to 110 litre capacity
- Lay flat cylinders ranging from 20L to 30L for small machines with limited installation space

SOLID AEROSOL GENERATORS

Muster Solid Aerosol Generators (SAG) are a self-generating fire suppression device that contain a unique solid chemical which when electrically or thermally activated produces micron sized particles and inert gases.

As these elements mix they transform into a uniform aerosol which acts as a suppressing agent by interrupting the chemical chain reaction in the flame.

System features:

- Self-generating aerosol for highly effective fire suppression
- Environmentally friendly
- Instantaneous extinguishment
- 7-10 year operational life
- Zero global warming potential (GWP)
- Zero ozone depleting potential (ODP)

Ports
(LVs) Container Forklifts

Mobile cranes
Service vehicles

IT & Telecom
Energy

Storage facilities
Marine

IMPULSE POWDER SYSTEMS

Muster Impulse Powder System (IPS) are a self-generating fire suppression device containing a special dry chemical powder which when electrically or thermally activated produces gases which increase the pressure within the canister.

The pressure then causes the powder to fluidise and when it reaches a certain pressure a membrane will rupture and allow the powder to expel from the canister. IPS canisters are available in multiple sizes and can be mounted directly within the risk area to be protected.

System features:

- Rapid discharge for fast knockdown effect
- Self-generating, non-pressurised module
- Modules supplied with mounting brackets
- Multiple nozzle types for specific coverage requirements

KEY COMPONENTS

- Underground Fuel Bay
- Transportation Railway
- Waste management
- Recycling plants

DUAL AGENT SYSTEMS

- Capability to combine multiple agents in the one system
- Dual system controlled by a single Muster alarm panel
- Capability to address multiple risk types effectively

QUALITY ASSURED

MusterFire's key products are manufactured using high quality materials selected to withstand harsh operating environments, delivering reliable performance and a long service life while protecting your investment.

Our quality assurance processes are managed in accordance with our ISO 9001:2015 certified quality management system (Certificate No. FM 717637). MusterFire's certified fire suppression system range also complies with AS 5062:2022 for fire protection of mobile and transportable equipment.

bsi. ISO 9001 Quality Management

ACTIVFIRE CERTIFIED™

Certified Product - AS 5062

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ID Number:111261

MUSTER 360

Muster 360 is a dedicated cloud-based portal for use exclusively with Muster systems. It provides a framework for conducting a fire risk assessment, specifying system requirements, and defining a bill of materials.

- **Fire Risk Assessment** - Risk management plays an integral part in developing your equipment's fire system specification. Muster360 is designed to help you to identify and record all significant risks with your equipment, its associated operation and your relevant human resources operating the equipment.
- **System Design** - Muster 360 provides a step-by-step process to define and ultimately design your required system, allowing the user to produce an indicative system layout. A full document pack including equipment information, fire risk assessment, scope and design information, a bill of materials and commissioning documentation is provided upon completion.
- **Commissioning** - During installation all commissioning information can be captured in the document pack on the relevant pages. This commissioning information can then be entered into Muster360 to finalise the process.

SYSTEM SUPPORT

Muster Fire Suppression Systems are fully supported internationally through a network of fully trained and authorised distributors.

AUTHORISED MUSTER YOUR FIRE SUPPRESSION PARTNER DISTRIBUTOR

AUSTRALIA

MusterFire International Pty Ltd
www.musterfire.com

INDONESIA

MusterFire International Pty Ltd
www.musterfire.co.id

SINGAPORE

MusterFire International Pte Ltd
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