PORTABLE FIRE EQUIPMENT | FIRE PROTECTION SYSTEMS | FIRE SYSTEM INSTALLATIONS | FIRE SYSTEM SERVICING | COMPLIANCE | FIRE SAFETY TRAINING | MAJOR PROJECTS

MISSION CRITICAL SOLUTIONS

Fire Protection Solutions
for Mission Critical Facilities

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Protecting People & Property

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IT systems are mission critical: a fire in these systems may potentially destroy a business

A fire in an IT&T facility can be devastating. For most organisations, IT systems are mission critical: a fire in these systems may not threaten life but can quickly bring operations to a standstill, damage reputation and potentially destroy a business.

It is no wonder vigilant IT managers are looking to protect their facilities from fire and other risks; as part of effective Business Continuity Management. When protecting critical assets it is wise to select the best protection available. Wormald products are among the most advanced fire protection systems in the world; used as the protection system of choice by some of the largest data dependent organisations in Australia and the Pacific. Wormald remains a world leader in fire control; researching, developing and improving ways to detect and suppress fire.

Good design is the heart of effective fire protection
Wormald's years of experience have given our fire system design engineers an excellent understanding of the nature of combustion and the way fire behaves. This knowledge allows us to design the location and configuration of

sensors and fire suppression systems, so fires are extinguished swiftly and with a minimum of fuss. In an IT&T environment, we survey the building taking special note of the location of key equipment, where personnel are located and the tasks they complete, the air-conditioning flow, cable routes and the position of windows, doorways and stairwells. Next we design a system to provide effective protection whilst meeting or exceeding relevant standards. We combine traditional and advanced technologies to develop fire protection regimes which deliver a risk/cost balance suitable to your operations.

We can often install some of our advanced systems into an older facility. This can lower your protection costs while raising your confidence in your fire safety systems.

Wormald are experts at installing fire suppression systems and our specialised project teams are capable of handling projects of any size. We understand in some cases you cannot interrupt your IT capabilities to install protection systems, and so we have developed ways of working safely around sensitive equipment.

Fact:
Effective business continuity management requires an intelligent fire protection system. Wormald's systems minimise false alarms while responding swiftly and effectively when needed.

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Advanced fire detection and suppression technology

Fact:
Wormald has a fire protection system to suit all environments. Our Inergen system extinguishes fire quickly without harming people or sensitive equipment.

MX™ technology – intelligent fire detection
The MX fire detection system provides very early detection of even slow smouldering fires, while delivering very few false alarms. The multi-function sensors can be configured to detect Carbon Monoxide (CO), smoke and heat, all within a single device. The detected levels are continually fed back to the indicator panel, where the data is analysed by specialised fire detection algorithms. Inbuilt intelligence reduces false alarms and provides a robust and rapid analysis of fire events. As the programming logic is held in the indicator panel, software upgrades are simple and do not require changes to the detectors. The self-testing regime and sensor dirty indicators make the MX system extremely simple to operate and maintain. The system is backward compatible with existing detection systems and can use existing wiring and topology to reduce installation costs.

Sapphire™ – spoils fire, not equipment
Sapphire is a fire fighting system specially designed for use in areas that house high value, sensitive equipment that cannot be shut down. Sapphire will not conduct electricity, is non-corrosive, will not damage sensitive equipment, leaves no residue and requires no clean-up. It can be deployed immediately a fire is detected, without the need to shutdown operational equipment.

Sapphires unique chemical agent is stored as a liquid, and quickly vaporizes into a gaseous form when released, flooding the protected area. It suppresses Class A and Class B fires in a matter of seconds by absorbing heat. It is also environmentally sound, with an atmospheric lifetime of only 5 days and no ozone depleting properties.

Inergen® – tough on fires, kind to people
Inergen gas flooding system is one of the most technically advanced fire suppression systems available. Inergen is completely safe to people, with no ill effects on anyone remaining in the protected area when it is released. This is because the Inergen components are naturally occurring atmospheric gases blended in a specific and patented ratio so it is safe for people to be around, with no negative impact on the environment when released. In a fire situation, it is recommended that the area is evacuated to avoid the harmful effects of smoke. Inergen's fire suppression capabilities are outstanding, quickly suppressing fire by reducing the atmospheric oxygen in a room to a level at which most materials simply will not burn.

Inergen does not fog when released so exit routes are not obscured. As soon as the Inergen cylinders are replaced the facility can continue operating, keeping time lost from a fire incident as low as possible.

Protecting People & Property

Complete fire protection services

Training your people

Well trained and capable people can substantially reduce the impact of any fire crisis. Wormald can train your staff to respond quickly and appropriately in an emergency. Our training courses cover basic portable fire extinguisher handling, fire warden training, evacuation procedures, confined space training and many other aspects of emergency response. Our training gives people both a theoretical understanding of fire dynamics as well as practical skills so they can act with confidence.

Wormald's complete fire protection services

Wormald's services cover the entire spectrum of fire protection. Our design, supply, install and maintenance capability is complemented by audit services to certify compliance with regulatory requirements. We can develop a plan to help you overcome any fire protection system shortcomings and to reduce your fire risk to acceptable levels.

Having the very best fire protection system is important, but keeping it ready to respond in an instant is essential. Wormald's testing and maintenance services give you confidence your fire protection is on guard, ready to detect and extinguish.

Wormald has built an enviable reputation as a world leader in fire protection systems through our ability to provide dependable and effective systems for all types of facilities. Our systems have been chosen to protect technically challenging hazardous and sensitive environments as well as to provide cost effective fire detection and suppression for general areas. By combining design, supply, installation, commissioning and maintenance services, Wormald can provide your business with fire protection appropriate to your risk profile and budget.

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