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Fire Protection Solutions for Healthcare

Protecting People & Property

WORMALD

What would a major fire do to your healthcare operations?

Protecting people and property

Could your health facility cope with a fire? How sound are your fire detection and protection systems? Would your staff know exactly what to do in an emergency situation?

With intricate medical equipment and often immobile residents, fire protection solutions for the healthcare sector is high priority, requiring both foresight and expert knowledge. For over 120 years Wormald has specialised in providing these solutions. We are Australasia's leading fire protection company.

As one of the largest fire protection providers in our region we can provide dedicated, specialist teams for design and installation, maintenance and technical support, as well as services ranging from engineering advice to fire training and evacuation plans.

We can custom design fire protection systems to match your needs and your budget or refurbish and upgrade your existing system. Our Major Projects team is adept at undertaking large-scale installations in facilities like hospitals, that cannot tolerate interruption.

Wormald is part of Tyco International, whose fire and security businesses are world leaders in fire protection and electronic security products operating in more than 100 countries world-wide. This gives us access to a vast array of physical and intellectual resources.

Protecting People & Property

Equipment

Wormald offers healthcare customers one of the largest range of fire products in Australasia, from basic extinguishers to specially designed non magnetic extinguishers for MRI rooms. This allows us to offer fire protection solutions to cater for your specific healthcare needs.

Detection – MX TECHNOLOGY®

Our advanced detection technology, MX TECHNOLOGY®, is suitable for even the most demanding healthcare environment, incorporating technology from around the world into a range of state-of-the-art fire detection systems.

For example, our MX systems such as the VIGILANT® MX1 and the MX4428, boast an array of detection modes in each detector. They can be set to detect smoke, heat or a combination of these – all without changing the detector. A combined carbon monoxide and heat detector is also available which offers the same flexibility.

The carbon monoxide technology linked to MX software is adept at early fire detection and highly resistant to the many causes of disruptive unwanted alarms, such as dust and other contaminants.

For heat and smoke-based detection, our systems incorporate the latest fuzzy logic detection algorithms. These can reliably differentiate between the smoke and temperature patterns of real fires and those of an unrelated incident.

FACT: Wormald's systems minimise false alarms while responding swiftly and effectively when needed.

Fire protection technology for the complex needs of health facilities

FACT: Unlike some chemical agents that last in the atmosphere for more than 33 years, SAPPHIRE™ has an atmospheric lifetime of only 5 days and protects patients and minimises damage to expensive medical equipment.

MX detectors and fire indicator panels can provide cost-effective solutions on small fire detection systems, while also providing the features and functions required for multi-building hospitals. They have been designed for backward compatibility to reduce the cost of upgrades in the future and can be easily serviced once installed.

Emergency and Evacuation Systems

Our VIGILANT® QE90 Emergency Warning and Intercommunication System (EWIS) is designed to facilitate the orderly evacuation of a building in the event of an emergency. The evacuation may be initiated automatically by a fire alarm system or by a building occupant operating an emergency call point. The QE90 allows fire wardens or emergency services personnel to easily control and coordinate rapid building evacuation.

VESDA

VESDA is a fire detection system that offers the earliest possible warning system of a potential fire. The system can adapt to the unique characteristics of any given environment. The detection systems are usually installed in areas where fire could result in serious, perhaps catastrophic business disruption. They are a key component in an effective fire risk management program and must be operational at all times. VESDA has an extensive product range for very early warning smoke detection.

SAPPHIRE™

Another specialised innovation, the SAPPHIRE™ MRI fire extinguisher, has been designed

specifically for fighting fire in MRI rooms and other sensitive areas which cannot be shut down in an emergency. The SAPPHIRE™ agent is non-conductive, will not damage sensitive equipment, leaves no residue and requires no cleanup, so systems can remain operational. The extinguisher itself has a non-magnetic stainless steel shell, valve, hose and nozzle, so it can be safely stored and used in an MRI room.

How does it work? Although stored in a liquid form, the SAPPHIRE™ agent quickly vaporises when released to extinguish the fire by absorbing heat.

Inergen®

Inergen® gas fire suppression systems can be used in critical areas housing sensitive equipment. Offered throughout our region by Wormald, the Inergen® gas suppresses the fire by reducing the atmospheric oxygen level in a protected room to a level at which most ordinary combustibles won't burn, while still allows people within the room to breathe to safely exit.

Fire sprinklers

We also offer a wide range of fully automatic fire sprinkler systems – widely regarded as the most effective means of controlling a fire. Wormald designs, installs and commissions reliable, cost-effective fire sprinkler systems by carefully analysing your healthcare facility and its contents in terms of occupancy, operation and fire risk.

Experts giving you peace of mind

Auditing service

Wormald can conduct a full audit on your facility to ensure its fire systems comply with all local and national regulatory requirements.

Major Projects

Perfect for sensitive business operations like hospitals and other healthcare facilities, our dedicated Major Projects team can help reduce your capital investment in large installations through customised design that meets and exceeds industry risk management requirements.

Servicing

Fire protection systems require regular servicing to run at optimum performance in the event of a fire. Our service teams will regularly test and audit your system to ensure it adheres rigorously to the required standards. Plus, we're on call day and night throughout the year to assist with servicing and maintenance. Our technicians can deal with most problems on the spot in response to your first call.

Training

Emergency response training is another of our most important services. The impact of a crisis is substantially reduced when people on the scene have been properly trained. Our suite of programs, from warden training and evacuation procedures,

to hazardous chemicals and confined space training, will help make sure that your staff can respond confidently in difficult situations. Our evacuation procedures package covers every aspect involved in evacuating people quickly and safely from a building in jeopardy.

Your partner in fire prevention

As a leader in our field, we value our staff and appreciate the contribution of each individual. We are committed to enhancing our collective capability through ongoing accredited staff training, regular internal audits and careful monitoring of the latest equipment and technology.

We believe in teamwork and have dedicated teams to manage each phase of a project; from risk assessment to installation, service and training. We foster communication between our teams to provide clients with a totally integrated service.

With more than 2,000 employees throughout Australasia, Wormald has the talent and expertise to provide you with the best total fire protection solutions. Most importantly, we can provide you with peace of mind.

We like to think of ourselves as your partner in fire prevention.

Fact: The impact of a crisis is substantially reduced when people on the scene have been properly trained.

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