MD2020 AND MD9910

Fire Alarm Central Unit with combined smoke and heat detectors

With advanced fault detection, supplementary functions and a degraded mode for continuous operation, the MD2020 offers comprehensive control and monitoring, significantly elevating fire safety measures.



Fire Alarm Central Unit

Fire Alarm Central Unit

VERSATILE CONFIGURATION OPTIONS

Fire detection system for addressable detectors and devices. It can be used in traditional loop configuration or in Safe Return to Port application. The platform can manage up to 80 loops from one central unit and up to 50 units can be interconnected.

TOUCH SCREEN DISPLAY

The system features an intuitive touch screen for user-friendly operation.

WEBAPP-BASED HMI

Built on WebApp tech, the interface provides sophisticated and accessible interaction.

CROSS-PLATFORM COMPATIBILITY

The HMI works across Linux, Windows, Android, and MacOS, ensuring broad information distribution to suit diverse user preferences.

Combined Smoke and Heat Detector

INTEGRATED BUZZER

In the configuration phase, the buzzer can be enabled or disabled according to your preferences. This detector ensures consistent installation, with or without a buzzer, in various setups such as room-in-room configurations or alternative design requirements.

OBSTRUCTION SENSOR

Equipped with a dedicated sensor to detect any obstructions that may impede the intake of smoke.

FAULT DETECTION

Detects and signals failures in optical and thermal components, ensuring system reliability.

TEST ON DEMAND (TOD)

Discover the convenience of Test On Demand (TOD), enabling on-demand testing, comparable to tests performed locally by operators. Conduct certified tests without navigating the vessel. Improve cost and time efficiency, and overall safety.

MD2020

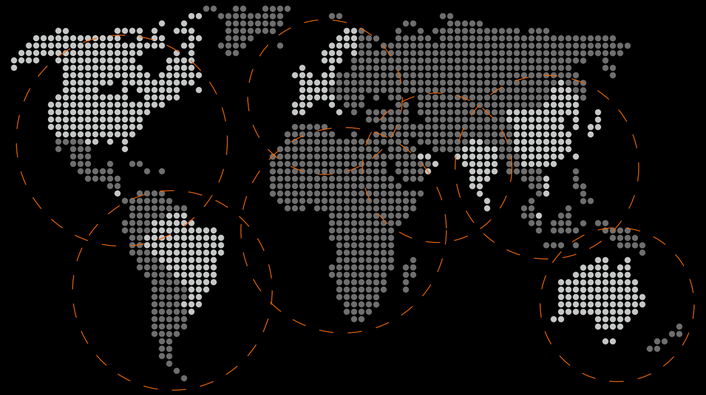
- Configurable both for Centralized or Distributed Systems
- Developed according to EN54-2 and EN54-4 standards
- Connects up to 20 Loops via Loop Control Unit (LCU) cards
- Connects up to 40 Branches via Branch Control Unit (BCU) cards

MD9910

- Already certified and available
- Smoke and Heat 57°C for dry spaces
- Safety improvements
- Low impact on the life onboard

Global support with local expertise

Consilium offers fast and accessible support no matter where you are in the world. Nothing beats local expertise in your language. With a global service network and a strong local presence, we ensure accessibility wherever you operate.



As much as we are proud of our success, our commitment is to ensure safety. We have pledged to protect the lives of mothers and fathers, sisters and brothers, colleagues and friends. Our work never ends. That is why we keep innovating.

Connect with your local partner

Consilium



Cruise

We help you protect lives and cargo

That's what Safety Tech is all about

Consilium

Systematic success

With over 100 years of expertise within marine safety, we ensure the highest quality, fastest support and maximum uptime for our clients. Explore the range of solutions we offer, dedicated to ensuring your safety.

SAFETY MANAGEMENT SYSTEM

SMiG, the next-generation Safety Management System (SMS), offers an overview and control of fire, gas detection, and other safety systems, facilitating swift and appropriate actions. This streamlined system ensures regulatory compliance and enhances overall safety.

FIRE DETECTION

We provide addressable fire detection systems strategically positioned throughout Cruise vessels, which promptly identify any signs of fire for swift response and mitigation, ensuring the safety of passengers and cargo. Our systems also include fire patrol capability, enabling regular monitoring and strict compliance to fire safety protocols onboard.

GAS DETECTION

Utilizing advanced gas detection technology, our systems efficiently identify hazardous gases on cruise ships, enabling proactive measures to prevent potential risks and maintain a safe onboard environment.

FLAME DETECTION

Our flame detection systems utilize infrared sensors to detect flames and minimize the risk of fire-related incidents on cruise ships, enabling timely initiation of firefighting procedures.

REMOTE CARE

With remote care, we provide a range of services depending on your needs, from support calls to real-time monitoring and diagnostics, enhancing safety and operational efficiency through system analysis and proactive maintenance.

OIL MIST DETECTION

Our advanced oil mist detection system efficiently detects oil mist and fuel-derived gas odors early, minimizing fire risks in engine rooms. Operating seamlessly 24/7 with minimal maintenance, it ensures reliable protection for your operations.

EMERGENCY SHUT DOWN

Our Emergency Shut Down (ESD) system for cruise ships ensure rapid implementation of safety protocols during emergencies, including swift shutdowns of fire doors and ventilation. The system can be seamlessly integrated with SMiG, providing a comprehensive oversight and swift action capabilities.

60+

Offices worldwide for local service and support

320+

Cruise vessels equipped with our systems

260+

Service engineers globally, ensuring our systems' reliability

ACCESS AND SUPPORT

We have you covered 24/7/365 in every time zone – in person or remotely

CREW SAFETY

Taking safety seriously is about never compromising on human lives

RISK AND SAFETY ASSESSMENT

We ensure your safety systems are prepared for the unexpected

LIFE CYCLE SUPPORT

All the way from design and installation to service and retrofit

