FIRE DETECTION. EVACUATION. FLOOD ALERTS.

WIRELESS FIRE DETECTION & EVACUATION

Temporary protection for vessels during construction, maintenance and refit.



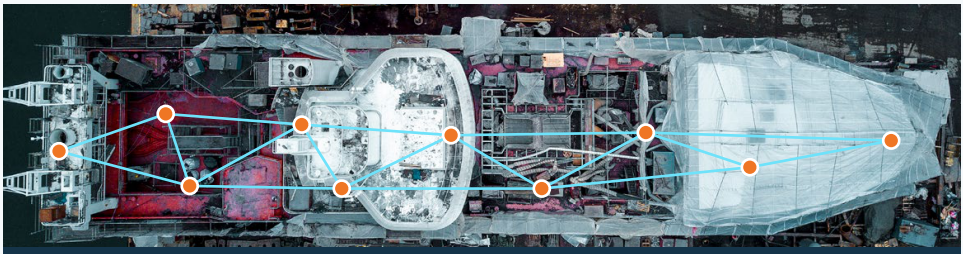
DETECT. ALERT. RESPOND.

Early fire warning, push-button evacuation and optional water-leak detection integration.

Indian naval ship construction at GRSE - illustrative scene.

FIRE RISK MANAGEMENT & WIRELESS COVERAGE

Early warning. Connected protection.



WFDS NODES & ALTERNATE RADIO PATHS - ILLUSTRATIVE

01 MANAGE FIRE RISK

Detect early signs of fire associated with hot works, temporary power and changing vessel layouts during construction, maintenance and refit.

02 DEPLOY WITH EASE

Scalable, battery-operated wireless devices avoid complex cabling. Position, map and integrate devices to the approved onboard fire-safety plan.

03 RESILIENT MESH COVERAGE

Self-healing mesh technology supports alternate radio paths across large vessels and dock areas. Extend coverage with nodes or RF links as required.

TARGETED ALERTS & EVACUATION

Locate the event. Mobilise the response.

04 TARGETED ALERTS

Identify the device and compartment for faster onboard response. Optional remote notification escalates events to authorised shore-based teams when required.

05 PUSH-BUTTON EVACUATION

Raise an evacuation alarm at the push of a button. Wireless communication and audible/visual warnings support prompt evacuation in high-risk work areas.

ONE CONNECTED DEVICE FAMILY



Control unit



Call point



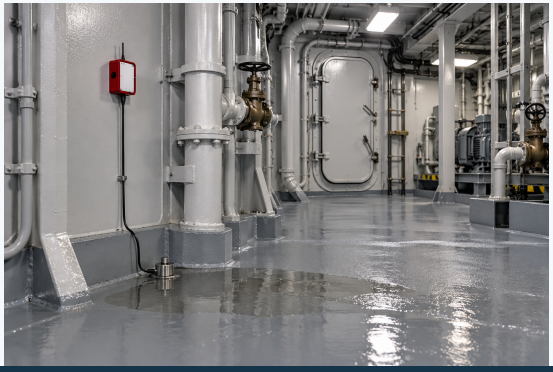
Smoke



Heat

WATER-LEAK DETECTION & FLOOD ALERTS

Detect water ingress. Escalate the warning.



ILLUSTRATIVE COMPARTMENT & SENSOR ARRANGEMENT

06 OPTIONAL FLOOD MONITORING

Compatible water-leak sensors detect water ingress at low points in vulnerable compartments below the waterline, through an approved interface.

WARNING DURING MAINTENANCE

Provide supplementary flood alerts when the existing flood alarm system is unavailable or isolated. Route event and location to designated responders.

Verify sensors, RF coverage and alarm logic by survey and testing. Optional shore alerts require approved connectivity.