Realize a new level of employee safety and security with Mobilarm Crewsafe® – the automatic detection and alarm system for personnel-related emergencies including man overboard.
OUR VISION IS CLEAR...

to improve commercial marine safety by developing new and innovative technologies that save people’s lives in a man overboard emergency

ALWAYS ON WATCH
Mobilarm Crewsafe® provides a new level of marine employee safety and security through crew location monitoring, automatic alarm and in-water tracking in a man overboard event.

IMPROVED WORKPLACE SAFETY
By safeguarding crew against undetected falls overboard, Crewsafe addresses many of the occupational health and safety risks identified within the commercial marine industry.

ENHANCED DUTY OF CARE
Mobilarm Crewsafe® enables you to invest in the safety of your workforce, reduce the likelihood of fatalities and thereby move closer to the goal of Zero Harm.
**Safety First**

A wireless network of routers and transceivers keep crew in constant communication with their vessel. Every crew member wears a palm-sized transceiver – a Tag – which transmits a unique signal every second to the Crewsafe network. Any unexpected loss of this Tag signal – such as in a man overboard event – causes Crewsafe to automatically raise the alarm.

**Crewsafe Tag**

Personal transceiver worn by all employees
- Strobes and vibrates in an emergency
- Duress button to manually initiate alarm
- Operates for up to 48 hours between recharges

**External Router**

Provides network coverage for exposed areas
- UV-stabilised case, heat-proof to 70°C (158°F) and fully sealed to IP67
- Strobe flashes in MOB, duress or general emergency
- Features input and output relay to connect to other devices such as sirens and warning lights

**Internal Router**

Provides network coverage for enclosed areas
- Emits alarm sound and strobe flashes in MOB, duress or general emergency
- Can initiate manual alarm and mute alarm sound/strobe
- Features input and output relay to connect to other devices such as sirens, warning lights and engine cut-outs

**Power Dock**

Stows and recharges Tags when not in use
- Each power dock holds 4 tags
- Tile up to 8 power docks together from single power source
- Tag LED indicates when fully charged

All Crewsafe components are fully compatible and can be added to the network at any time. As technology advances are made, so the design of the product also permits future upgrades.

**Mobilarm V100**

Fully automated GPS-enabled emergency locator beacon that transmits MAN OVERBOARD distress call via VHF DSC and VHF voice.
- Water activated
- Transmits real time latitude and longitude at regular intervals
- Supports transmission for up to 18 hours

*Enhance in-water tracking capability with the Mobilarm V100 VPIRB. See Mobilarm V100 brochure or visit [www.mobilarm.com](http://www.mobilarm.com) for more information.*
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1. CrewSafe monitors tag signal
2. Man overboard incident is automatically detected
3. CrewSafe logs a waypoint and raises the alarm
4. Crew locate and track MOB in the water*
5. CrewSafe stands down the alarm when MOB is rescued
Crew safety management at your fingertips

In a man overboard emergency, having access to clear, accurate information is critical to give crew the best chance of rescuing their crewmate.

Crewsafe instantly reports all emergency alarms and interfaces with GPS or navigation systems to provide essential track back data on demand. The entire network is managed from a single point of command with either the Windows®-based Crewsafe Management System, or the stand-alone Crewsafe Display Console.

Crewsafe Management System
Intuitive user interface to control all aspects of the Crewsafe® network

- Marine-grade, dedicated touch screen display
- Requires no specialist training
- Straightforward menu navigation

- Use the Change View button to take a 360° look at the network
  - See crew’s approximate location
  - Monitor network health and performance
  - Page individuals or groups of workers

- Use the Control Panel menu to log information such as vessel details, safety equipment and personnel files.
- Receive automated reminders and warnings when equipment needs servicing or replacing.

- Use the Help menu to access comprehensive medical fact sheets (provided courtesy of the St John Ambulance Organisation).

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Crewsafe Display Console
Suitable for smaller vessels, providing simplified Tag monitoring and alarm notification only.

- Monitors up to 12 Tags, network health and GPS signal
- Reports alarms and network faults via LED display and audio alert
- Can initiate general alarm, acknowledge/mute and cancel alarms

Universal Design

The Crewsafe network can be expanded and customized to accommodate the unique requirements of each commercial marine environment, such as vessel or facility size, layout, construction materials and number of crew on board.

Scalable
- Increase the number of routers as necessary to encircle the crew’s working environment
- Add more Tags to the network as the workforce grows
- Interface with external devices, to implement additional safety and security measures

Practical
- Ergonomic Tag design makes Crewsafe an integral part of the crew’s safety equipment regime.
- Multiple incidents can be reported and tracked simultaneously
- “Fail-safe” methodology – Tag signal failure for any reason results in an alarm

Reliable
- Industrial-grade specification for safe and long-lasting performance
- Designed to ATEX standards (approval pending) – intrinsically safe for use in hazardous areas
- All components rated to IP66 or better

“Man overboard is the single largest cause of marine fatalities”

Source: NMSC, 2005-2006
Automated Monitoring And Control

Crewsafe offers a dedicated onboard marine safety platform that provides:

- Crew location monitoring
- Automatic alarm
- Manual duress alarm
- In-water tracking
- Individual and group paging
- Management of safety equipment and rescue assets
- Database of MOB recovery instructions, First Aid procedures and resuscitation techniques (courtesy of St John Ambulance), emergency contacts and other useful help files

1 Available from early 2009

Crewsafe Essentials

With Crewsafe Essentials, creating a Crewsafe network couldn’t be easier. Connect power to the Crewsafe Display Console and the Power Dock, turn on the Tags and a fully functional Crewsafe network is protecting your crew immediately.

If you have more people on board, add more Tags to the network, and if you need to extend network coverage, add internal and external routers as required. All Crewsafe components are fully compatible and are easily configured to your unique Crewsafe network address in situ.

Crewsafe Essentials comprises:

1 x Crewsafe Display Console
2 x Crewsafe Tags
1 x Power Dock

See back page for ordering information or visit www.mobilarm.com
No system or device can be 100% fail safe nor can it guarantee safe rescue in an emergency. Installation faults and operator error will always introduce the possibility of undetected man overboard (MOB) events, as can circumstances and events beyond the equipment’s design criteria. Actual time and success of rescue is therefore dependent on many contributing factors and as such, is outside the control of Mobilarm. Mobilarm systems should never be relied on as the only source of MOB notification and the owner, operator or master must exercise common prudence and good seamanship at all times. Installation and operation of a Mobilarm system in no way reduces the accountability of the owner, operator or master who has the primary responsibility for safety.

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For full product details, visit www.mobilarm.com