

# Because **safety** is not a choice!!!

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***STORM Safety Services***

**Safety and Control**



Storm Safety Services is part of the Storm Groep and has become a reliable and service-oriented organization, active throughout the world.



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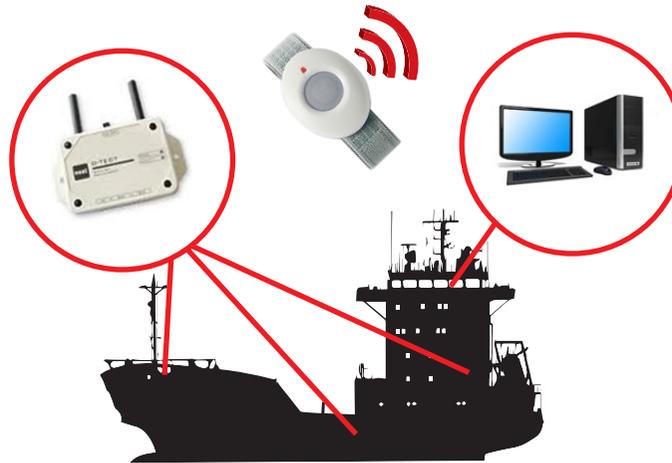
**Safety first!**

## Safety

Increasing attention to the safety of employees and a rise in the number of claims by 21% compared to 2008, together with increasingly strict European laws and regulations, have resulted in safety being put high on the agenda by everyone in the maritime sector.

Early signalling of industrial accidents, thanks to the wireless alarm system by Storm Safety Services, will enable the user to place an emergency call in case of a calamity. This will allow prompt intervention, while avoiding downtime for industrial processes.

Especially for emergency situations Storm Safety Services has developed an emergency call system for the offshore, shipping and related industries. Despite the strict requirements that concern these sectors, many accidents still happen. When they do, it is important to act immediately and efficiently. For emergency situations in these sectors, Storm Safety Services has developed a special wireless and easy to implement alarm system. The alarm system works in every situation and makes use of a 869-MHz frequency band, especially reserved by the European Union for alarm purposes. The alarm system is suitable for everyone who wants to be able to act promptly in emergency situations, offer extra security for employees and limit the consequences of an emergency situation.



## Wireless alarm system

The sectors for which the product has been developed require customisation. That is why requirements such as explosion-proofness and water-resistance have been taken into account.

The alarm system comprises a wireless alarm transmitter, which is pressed in case of an emergency. The call for help is directly sent to one central point and is provided with the name of the employee and the type of alarm transmitter. The system can be expanded by means of modules. For example, automatic fall detection and zone locatability are available as an option. Rescuers are equipped with a mobile receiver, which they can take along to the calamity. With this mobile receiver, they are able to call for assistance with a single press on a button. Other options include wireless smoke, gas and water detectors and temperature sensors.

## Benefits

The alarm system requires relatively little investment, since there is no need for expensive infrastructure such as cables, telephone lines, or GSM technology. Apart from GSM, no other providers are offering similar technologies on the market. Implementation is easy and quick. One day is all it takes to equip a ship or industrial installation with this system.

## How does it work

All components are wireless, have an 4 hour battery back-up and only need a 220 Volt power socket. The alarm transmitters make use of transceiver technology. As a result, the alarm transmitter will receive confirmation that the call has been received by the central equipment. If the alarm transmitter does not receive this confirmation, the call will be repeated multiple times. This is also made visible on the alarm transmitter by means of an optical transmission and reception confirmation with a 2 colour indication LED. The basic alarm transmitters has a lifespan of around 5 years or 20,000 calls. In addition, they will transmit a battery-low indication to the central equipment 3 months before the battery is depleted.

## Characteristic

- Mobile alarmsystem, completely wireless
- Based on reserved 869 MHz alarm frequency
- Multifrequency alarmtransmitters 869,2/869,4 MHz
- Transceiver technology
- Low cost of ownership
- Simple and fast
- Including 4-hours battery back-up
- IP64 Waterresistant alarmtransmitters
- Localization (optional)
- Automatic fall detection (optional)

