



ALARM TO ACTION IN SECONDS THROUGH WIRELESS COMMUNICATION

Instant Alerts & Communication to the
right crew member, anywhere on board.



Freeing the crew
from fixed stations



Enhanced
security



20+ years proven
technology

SPEED IS EVERYTHING: INSTANT CONNECTION, FOR IMMEDIATE ACTION

In modern naval operations, threats are fast, erratic, and unpredictable. Whether intercepting a high-speed vessel or countering a sudden drone swarm, the operational tempo is ruthless. A general loudspeaker alarm warns the crew, but it does not tell them what to do. To maintain the tactical advantage, your communication must connect the required crew member in a split second.

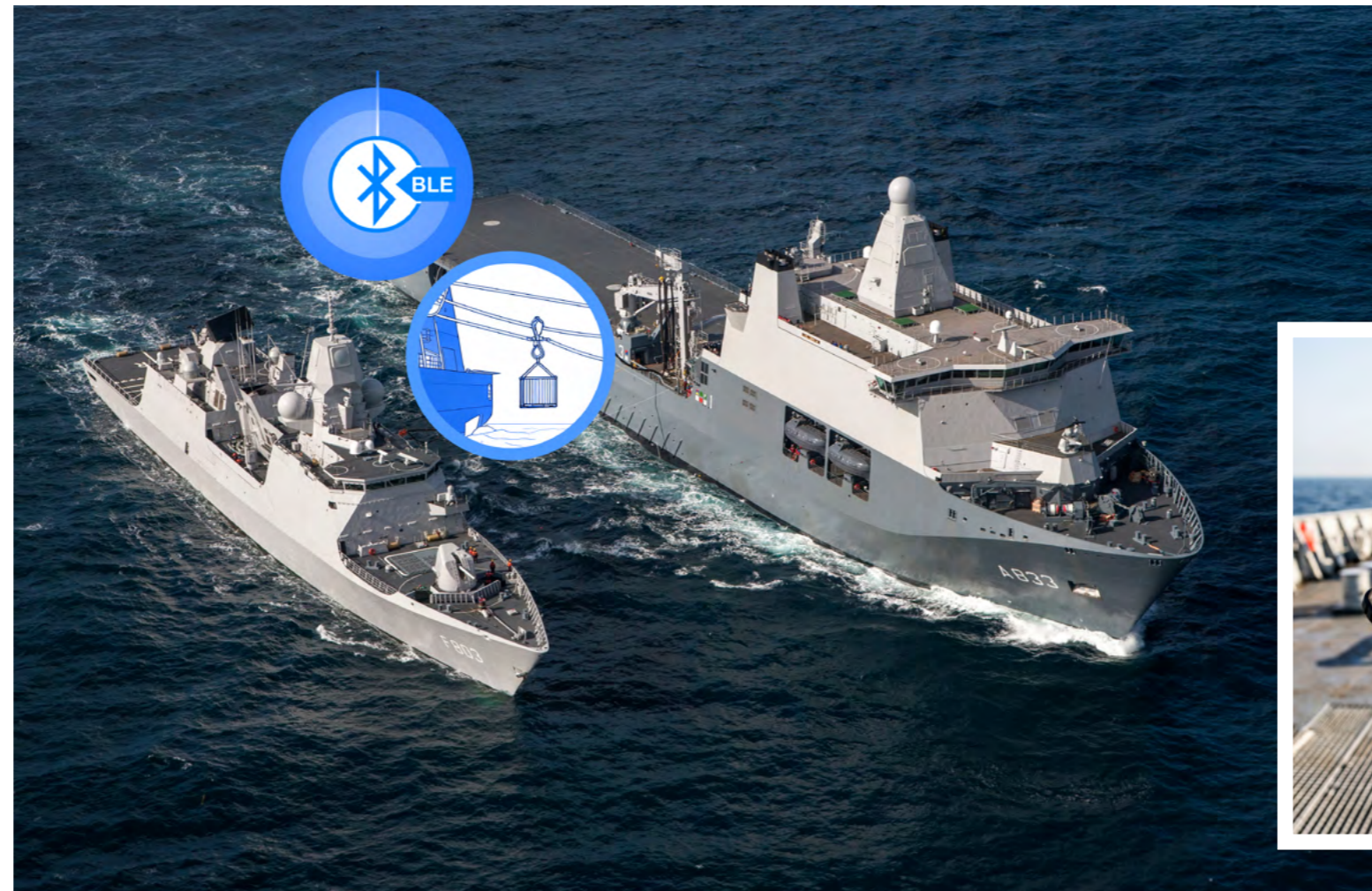
Speed is everything. Speed as in turning an alarm into action in seconds. Speed as in reaching the exact crew members wherever they are, because the system knows exactly who is on duty and in what role. Speed means automatically routing critical tasks directly to the right team.

The answer is Wireless Communication and Messaging Software. This platform creates true Wireless Situational Awareness. It ensures that crucial information goes straight to the correct crew members instantly.

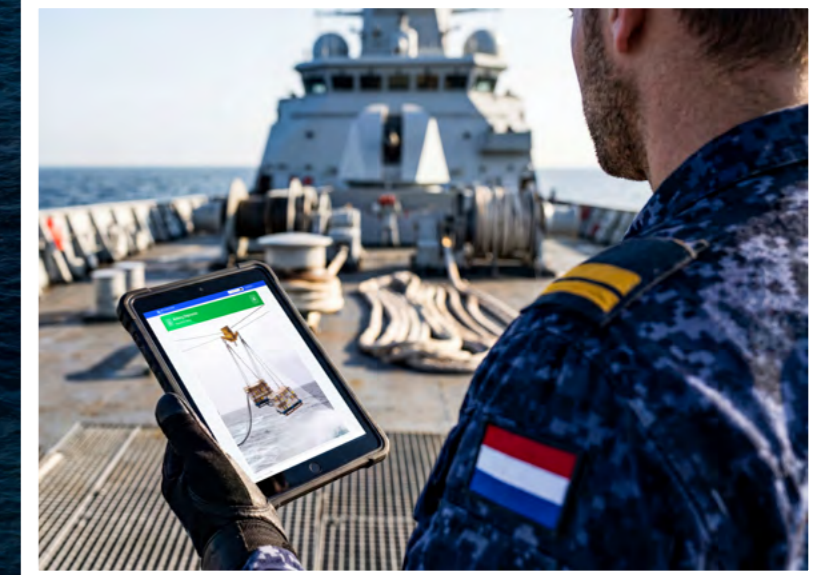
ONE CREW: ALWAYS CONNECTED

To overcome fragmented reality, we deliver a hardened communication and coordination platform with military-grade specifications. The core of our system is Wireless Situation Awareness:

- **Freeing the crew from fixed stations**
We release your crew from fixed stations by ensuring you can reach the correct members wherever they are.
- **Automated action**
We send the right alarm to the right person instantly. The software can automatically hand out tasks and warnings, integrating every crew member into a seamless communication loop.
- **Enhanced security**
Our military-hardened infrastructure guarantees data confidentiality. All messages are encrypted, and all smart devices are secure and empty by default. Information is only downloaded based on the crew member's role. If a device is disconnected from the navy network, it immediately erases all information, preventing unauthorised use.
- **20+ years of proven technology**
For over two decades, we have been a leading software development company purpose-built for the naval sector. Our system is proven technology, actively in service on board naval vessels.



Crew and cargo tracked.
Decisions optimized.



- ✔ **Wireless Communication Systems**
Operates seamlessly over the integrated military network, ensuring reliable communication via WiFi, Tetra, or Private LTE.
- ✔ **IP Phones & Smartphones**
We deliver customised, secure IP phones and mobile devices. To guarantee integrity, devices remain empty by default and only download information when a user securely logs in with their personal credentials or Military NFC card.
- ✔ **Chat & Multimedia Functions**
Facilitates internal and external secure voice, chat, and video communication. This allows crew members to actively engage in multiple critical conversations simultaneously.
- ✔ **Alerting Capabilities**
The system automatically collects messages, warnings, and alarms from ship sensors. It directly notifies personnel during emergencies, handing out tasks to the correct crew members on duty to minimize damage.
- ✔ **Role & Function Based**
The network knows exactly who is on duty and what their specific role is. Information and tasks are routed precisely based on the crew member's current rank and authorization.
- ✔ **Track & Trace for Assets and Crew**
Authorized officers can locate crew members instantly during emergencies to ensure no one is left behind. The system tracks personnel with an accuracy of 50 centimeters. It also provides complete visibility over critical goods and equipment. The platform tracks supplies as they are loaded or offloaded, and can even monitor the real-time status of vital assets, like the oxygen tanks in the sickbay.
- ✔ **Backend Integration**
The communication software is flexible and adaptable, integrating directly with other critical architecture. It receives messages autonomously from the Platform Management System, Combat Management System, and other onboard systems or sensors.



HNLMS Den Helder

About The IP Company

In 2006, the Dutch Ministry of Defense presented a challenge: develop a communication concept that enables safe sailing with a reduced crew. Rising to this challenge, The IP Company became the first in the world to invent a secure, Wireless Communication and Messaging System specifically for naval vessels which is both DNV and Lloyd's approved.

Today, the mission is to revolutionize maritime communication. By integrating seamlessly with existing onboard systems, the technology ensures mission-critical messages are delivered fast and securely to the exact required personnel.

Continuous innovation drives the platform forward. Beyond routing alarms, the system now features precise track and trace capabilities, while new developments in Artificial Intelligence (AI) are actively being explored to support rapid decision-making in high-pressure scenarios.

Trusted across the defense industry, The IP Company provides the resilient communication infrastructure modern navies need to operate safely and effectively.

