



Maritime

Communication and information solutions for maritime control centres

GMDSS/SAR | VTS | CSS

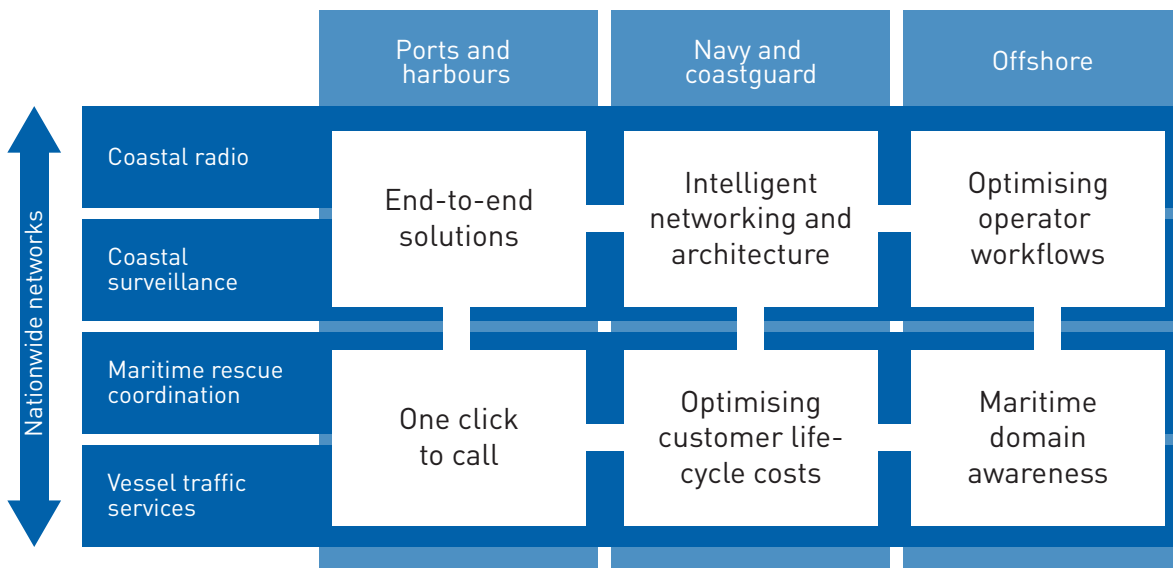
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FREQUENTIS
FOR A SAFER WORLD

Leading maritime solutions for efficiency, safety and security

Frequentis Maritime solutions leverage almost two decades' experience within the maritime market and six decades of ATC experience, showcasing true leadership in these markets. With deep cross-industry expertise in aviation, defence, public transportation and public safety, the Maritime business unit provides functionality that supports the needs of today's surveillance, rescue coordination, coastal radio and traffic management authority market segments.

Cross-segment reach of Frequentis Maritime solutions



Lasting commitment to excellence

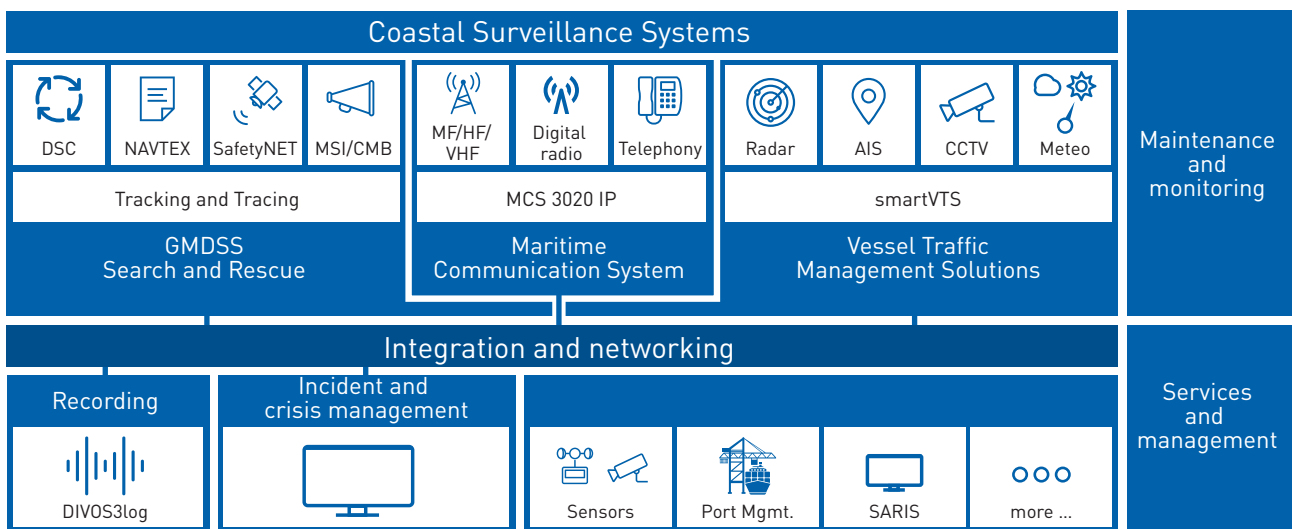
Our mission is to enable every responsible authority and maritime service provider to instantly identify all potential hazards to life, goods, territorial integrity and the environment. From accident and crime prevention, to preserving clean and viable seas, Frequentis is ready to lead through future evolutions

of their communications and information management infrastructure. As safety-critical technology evolves and systems become more integrated, the ability to realise faster data exchange and shorter response times enables new functionality.

Control centre solutions for situational awareness

Providing actionable intelligence that enables faster decision making is the core mission of the Maritime team of experts. As the ecosystem of our customers evolves to IP-based technologies for search and rescue, broadband radio communications and vessel traffic management, Frequentis leads the way with innovative solutions that dissolve physical borders that currently define a control centre.

State-of-art architecture for increased flexibility, efficiency and safety



The vision

Cross-agency approach

A common communications and information platform supports solutions across the Frequentis customer base in civil aviation, public safety, maritime, defence and public transportation markets. Border protection agencies, search and rescue services, port authorities, coast guard organisations and coastal surveillance forces trust these solutions to ensure safety of the vessels and individuals they are responsible for.

Enhanced workflow for operators

The utilisation of fail-proof operator workflows that allow for expedited activities increases efficiency, reduces total cost of ownership, including the life cycle cost, and – most importantly – lets users make the right decisions faster, thus shortening response times in often life-threatening situations. This dynamic workflow management tool is 100% software-enabled and updates appropriately based on the type of incident that needs to be addressed.

Implementation leadership

Although different elements of a complete solution might come from different vendors, having one ultimate 'owner' or integrator can make the introduction of new capabilities much easier on the end user. An optimal combination of systems, workflow automation and management, voice communications and control centre operations can either be sourced from the company's own range of products and solutions or be enabled by key partners.

Trusted solutions that span the globe

Frequentis offers one product family that matches the needs of the seven seas, contributing to maritime domain awareness on five continents. Over thirty clients globally trust and rely on Frequentis as a leading network supplier and integrator of communication and information tools for their maritime control centres. By using Frequentis systems, operators can focus 100% on their main task at hand – making maritime safer, more secure and efficient.

Highlight references

Canadian Coast Guard, Canada

Within Maritime Rescue Coordination Centres and Joint Rescue Coordination Centres, the ability to integrate technologies and coordinate organizations is fundamental. Frequentis provided voice and data communications to Canadian Coast Guard's 198 coastal stations across 100 working positions located in all 5 maritime regions - accounting for the largest coastline globally, stretching across more than 200,000 kilometres.

Ports of Jersey, United Kingdom

Frequentis modernised Ports of Jersey's existing control centre systems through an integrated communication system, a ten-year maintenance contract and implementation of the Frequentis Vessel Traffic Service (VTS) in the United Kingdom waters. This enables high-level integration, an open interface architecture, as well as interoperability with neighbouring coast guard services.

SCRN - Swedish Coastal Radio Network, Sweden

The company was chosen by the Swedish Maritime Administration to modernise the country's coastal radio network. Frequentis installed a customised nationwide communications solution based on the Frequentis MCS 3020 IP. The solution supports 2 technical centres, 13 operator centres, 54 VHF radio sites and 11 MF radio sites.

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