



MarTRX

Incident and Crisis Management

Built around the operator's needs
Integrated and networked workflows
Flexible and modular architecture

Maritime

FREQUENTIS
FOR A SAFER WORLD

Fast, operator-centered incident management

When lives are on the line, MarTRX Incident and Crisis Management (ICM) offers the ideal support for simple, safe and effective incident management. The system centralises and organises your management procedures, enhancing the quality of incident management by accelerating alert, response and communication processes. It improves safety by addressing these critical needs:

Automated

collation and user-friendly presentation of important incident-related data to operators in maritime rescue coordination centres.

Instant

distribution of alerts and information to the required contacts and deployment resources.

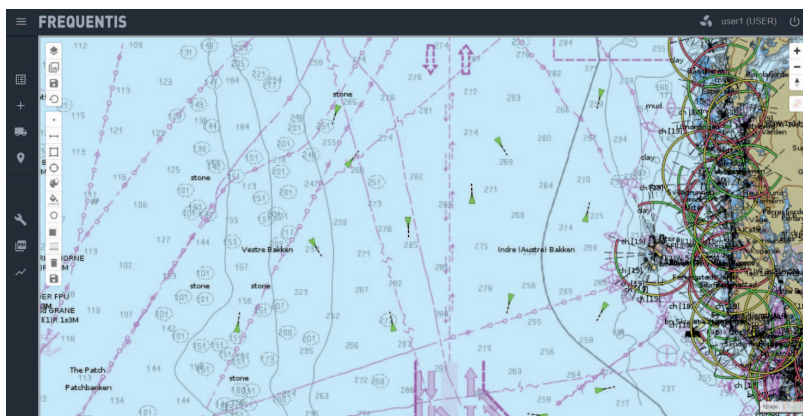
Support

for rapid and accurate decision making within a guided incident management process.

Recording

of communications and actions for subsequent analysis.

S57 and AIS visualisation



Modular and flexible architecture

ICM easily integrates into existing communication and information systems thanks to its open, service-oriented architecture. It can be used “out of the box” or customised to specific operational requirements. Integrated data management features allow collection and alignment of data from a huge range of external sources.

Accurate decision-making support

ICM guides the user through approved management procedures. The tool determines and communicates the responsibilities of the required individuals and organisations in a matter of seconds. Key incident-related information needed for full situation awareness is available instantly and visually through a GIS-based interface and easily shared with internal and external stakeholders.

All you need in one place

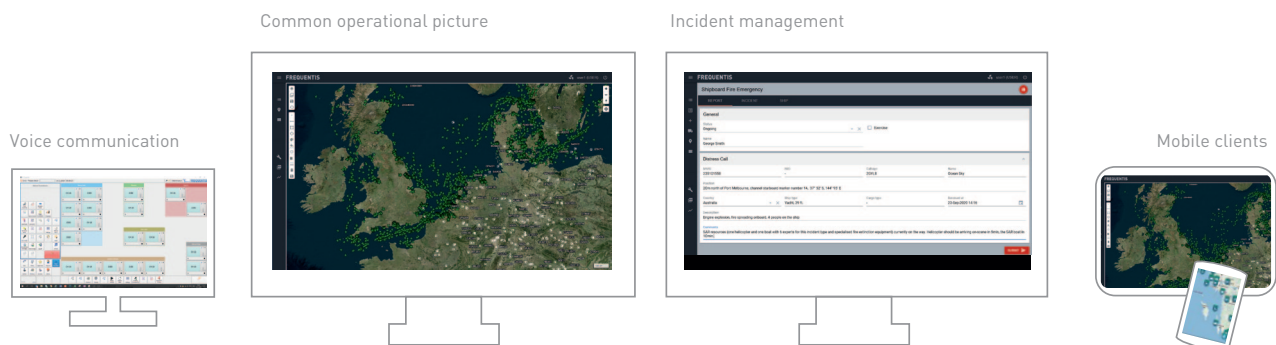
ICM adds value to existing systems by making use of their data and system functionality. It also feeds back data into those same systems for additional synergies. The system has embedded smart tools to automate time consuming actions and allow operators to concentrate on the essential tasks.

Communication support

Automatic notification procedures ensure the rapid involvement and deployment of relevant resources and emergency services. This frees operators to focus on managing responses and recovery procedures. Configurable rules ensure that all

associated organisations, including external entities, receive appropriate information via this automatic and non-discriminatory information process. ICM thus provides the basis for implementing standard incident management procedures such as ICS (Incident Command System).

Incident Management: What does it look like?



User-oriented

The ICM was designed in collaboration with experienced rescue coordination centre operators. An optimised user interface provides access to a quick and thorough situation analysis, clear and well-documented handling procedures and unambiguous feedback from the field.

Full recording capabilities

ICM automatically records an action log with a chronological overview of all actions performed by users, such as marking a checklist entry as complete or initiating a call to a contact. Users can also add entries manually. The full record of communications and deployment measures is a vital resource for subsequent investigations, performance analysis, compensation negotiations or legal proceedings.

Features at a glance

ICM's rich feature set is designed to place relevant actionable knowledge right at the operator's fingertips for rapid, informed decision-making and 360° collaboration.

Improved situational awareness for all stakeholders

- Support for incident location identification
- Information about the incident zone including multi-layer capabilities (geo information, places of interest, sensors)
- Accurate and easily accessible information on resource location and availability through advanced data management and continuous data import from external sources
- GIS-based display (tactical communication chart) of resources and incident relevant geographical and other information, with a choice of projection methods (including 3D)

Unrivalled integration and harmonisation of incident-relevant data

- Visualisation of the maritime area based on radar data and maritime sources like S57 charts and an Automatic identification system (AIS), but also via radio direction finder for added reliability
- Visualisation of the air picture based on military and civil radar data, NATO (Link 1) and other data sources from within the customer's territory
- Integrated voice communication services e.g. to the Frequentis maritime communication system (MCS), Voice over IP solutions, etc.
- Consistent and reliable data management functions, including transformation and synchronisation of external databases and data feeds

Rapid incident handling through a guided incident management process

- Checklist of incident response measures
- Dynamic contact list for automatic and semi-automatic alerting of emergency services and incident management staff
- Automatic (rule-based) involvement of other operators where required
- Continuous recording of activities in the form of an action log with associated statistics
- A complete system implementation including hardware, software and system integration can be provided to customers in order to ensure 24/7 reliability

FREQUENTIS

FREQUENTIS AG
Innovationsstraße 1
1100 Vienna, Austria
Tel: +43-1-811 50-0
www.frequentis.com

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