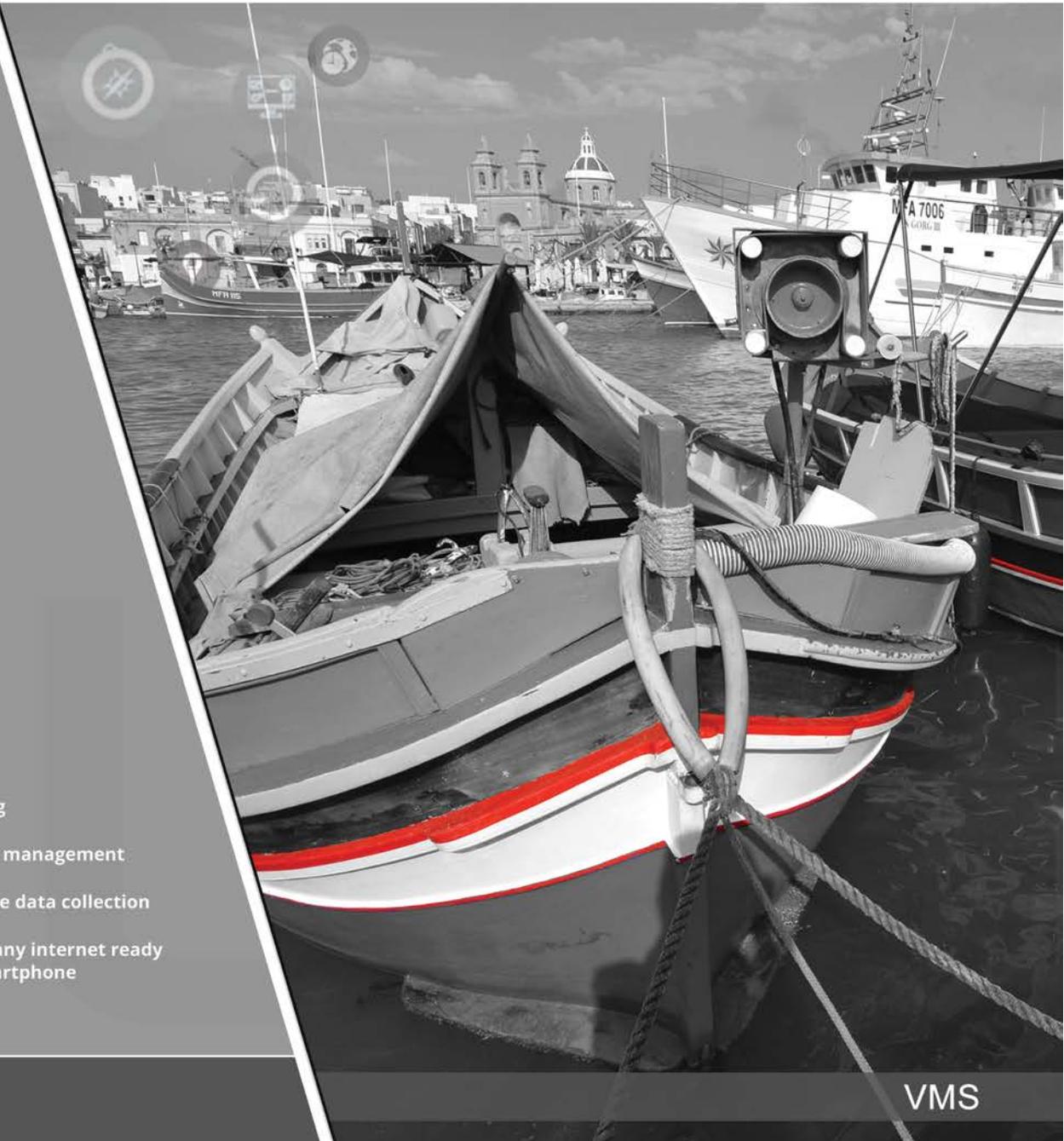# VMS

real time **vessel** monitoring system

- detailed mapping
- inshore fisheries management
- e-logs and remote data collection
- accessible from any internet ready computer or smartphone

VMS

LOQUS ®

BUSINESS INTELLIGENCE

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VMS - vessel monitoring system

VMS provides real time vessel tracking for businesses. VMS is an enhanced communication channel that links your vessels to the office and provides detailed tracking data. This information is neatly presented online on a map so that you can quickly monitor where your vessel is and improve efficiency through historical report analysis. VMS provides you with a facility to effectively view and keep track of all your mobile assets. While there are many solutions on the market that provides real time data transfer, VMS key factor is that the solution works across major web browsers and on mobile devices.

Watch-boxes Geofencing

Users can circle or draw a polygon on special areas of interest on the map. VMS alerts you when your vessel move in and out of the defined area.

Notifications and Alarms

VMS is designed to limit the amount of time an operator spends monitoring, through notifications and alarms. These are auto generated based on user parameters. Users can be notified through on-screen pop-up messages, emails or SMS.

Multilingual

VMS solution is a multilingual solution and can be configured in the following languages: English, Italian and Spanish.

What is VMS?

The vessel monitoring systems automatically plots positions of fishing vessels. The on-board vessel equipment uses modern satellite communications systems that have an inbuilt global positioning system (GPS). The system is automatic and requires no input or training for the crew. At predetermined intervals, a message is sent to back office where the position, course, speed and identity of the vessel can be displayed on a monitor.

VMS is also part of an integrated fisheries management framework of laws, policies and practices.

VMS is equally valuable for flag states to monitor the activities of their vessels when fishing in national zones and on the high seas, consistent with legislation.

The hardware for VMS can also be programmed to enhance the safety of the vessel and crew by programming to transmit distress messages. The system is also used to report catch and effort data and ancillary data useful for fisheries management. In the past this required on-board observers or special training for the crew to collect and input data.

The electronic fishing logbooks simplifies the collection of catch statistics by providing a user-friendly interface which allows the vessel crew to record current catch. This will be automatically reported along with the VMS report, thereby achieving a near real-time catch reporting system.

By using a standard format, such logbooks could easily be translated from one language to another by software selection thus making it easier for fisheries inspectors to understand collected data. Such electronic logbooks will also provide the vessel with a historical record of fishing results that can be subsequently analyzed to optimise fishing activities.

VMS key features

Stay reliable, stay connected, impress your customers

VMS

- Cross-browser & cross-platform technology
- Viewable on PC, Tablet or Smartphone
- Integration with digital and analogue devices
- Locate and track a specific vessels
- Watchbox (Geofence) alerts to identify when vessels have entered or left specific areas
- Standard and tailored reports for historical activity and location
- Monitor your vessels 24/7
- Real-time monitoring
- Historical tracks
- Device Information

Benefits

- Seafood provenance and traceability
- Inshore fisheries management
- MPA's and access to fishing grounds
- Marine planning
- Economic evaluation of fishing grounds
- E-logs and remote data collection
- Gear conflict
- Vessel and crew safety

Loqus provides an efficient vessel management solution for businesses. With hundreds of field service engineers and technicians from diverse industries running over hundreds of vessels between them, the solution provides you with the necessary custom-made software tools, to keep your vessel and your business moving. But don't just take our word for it. If you'd like to know more check out our website. And if you're ready to talk to the people who can increase your operational efficiency while saving you time and money contact us.
We make your business work smarter and not harder.

VMS

VMS is a totally new concept in distribution and or services vessel management. It uses sophisticated and proven vessel location and mobile data communications technology to automatically send position, course, speed and identity of the vessels.

we make **your business** **work smarter** not harder

Companion Products

Fisheries Logbook System (FLS)

The Fisheries Logbook System records the fishing and non-fishing activity of fishermen who are required to report their fishing activity via logbooks submitted for each trip. The key element is the electronic logbook where the master of a fishing vessel keeps a record of fishing operations. The record is then sent to the national authorities.

Integrated Fisheries Monitoring (IFM)

Integrated Fisheries Monitoring is the collection and analysis of a wide range of data from the fisheries, collected in a number of different ways. The outputs can be used for various purposes: firstly as the direct basis for management decisions, secondly as a contribution to scientific research, the results of which are fed back to management and thirdly to ensure compliance with regulations.